

MachPanel API

Specification

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Overview:

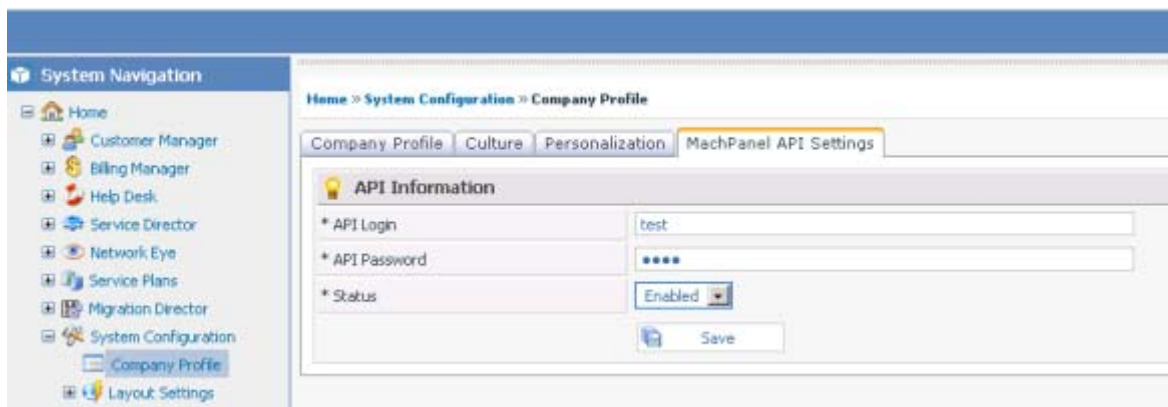
MachPanel API is basically a web service which uses SOAP messages to communicate with the Control Server and client application. The service is hosted on same server along with Control Server using same Port as Control Server. The URL of the service is as

<http://cpaddress/webservices/machpanelservice.asmx>

<https://cpaddress/webservices/machpanelservice.asmx>

Replace “cpaddress” in above URL with appropriate host of your panel. To start communication with the control server through API, first API needs to be enabled by the provider and/or reseller from within the Control Panel after login. Settings for MachPanel API are located under company profile, from where provider and/or reseller can enable/disable API access and also can set valid authentication credentials (API Login & API Password) for the API.

Snapshot below highlights the navigation path for MachPanel API Settings:



MachPanel API is a powerful tool that allows the developers to perform administrative via their website/panel. Developer can consume this API by using any of available web development technologies which can communicate with SOAP, such as ASP.NET, PHP and java etc. It enables the service providers to manage their services from their application without log-in to MachPanel Control Server.

Getting Started:

Authentication:

Every request for an operation through MachPanel API is authenticated with the provided credentials by the client application. These credentials are configured into MachPanel Control Server as shown in above image. Only the authenticated request of an operation is entertained, otherwise an “**AuthenticationException**” is thrown. Once authentication process is successful, call is sent to the API service to access desired service method. Code samples are added in “Sample Code” section of this document.






Service Methods:

Detailed description of the service methods are given below in alphabetical order. Little introductory text about the method operation is added under every method name. There might be used/introduced any custom (user-defined class) class/object as a parameter or return type etc. Particular custom class might be shared/used with other methods too, but details for the class will fall under the method where it is introduced at very first time. Inputs marked as required are must to specify in API call; else “**ArgumentNullException**” will be thrown or appropriate error will be sent in [ResponseArguments](#) object.

- [ResponseArguments Class](#)

Holds response or output data for all the operations performed through this library.

Return Values:



	Member	Data Type	Description
	AssociatedKey	String	Read Only Property to get any key or identifier associated with current Operation
	EventRequested	String	Read Only Property to get Requested Event
	ResponseCode	String	Read Only Property to get Response Code for an Operation
	ResponseMessage	String	Read Only Property to get Response Message for an Operation
	ResponseStatus	Boolean	Read Only Property to get Response Status for an Operation

~~~~~\*\*\*\*\*~~~~~

➤ **AddLyncBulkUsers:**

Adds Lync Users in Bulk. Action can be performed only on active subscriptions. Click on [Sample Code](#) link to view an example. Following are the list of public data members/properties to input.

**Input Parameters:**

|                                                                                   | <b>Member</b> | <b>Data Type</b>                  | <b>Required</b> | <b>Description</b>                            |
|-----------------------------------------------------------------------------------|---------------|-----------------------------------|-----------------|-----------------------------------------------|
|  | HostingId     | Integer                           | Yes             | Hosting/Subscription identifier               |
|  | BLUsers       | List < <a href="#">LyncUser</a> > | Yes             | List/Array of <a href="#">LyncUser</a> Object |

**Return Value:**














Returns “[ResponseArguments](#)” Object.

~~~~~

- [LyncUser Class](#)

Manages Lync User, contains various properties to set for Lync user.

Input Parameters:


	Member	Data Type	Required	Description
	Address	String		Hosting/Subscription identifier
	BusinessPhone	String		Business phone number
	City	String		City Name
	Company	String		Company Name
	Country	String		Country Name
	DateCreated	DateTime		DateTime value for user creation time
	Department	String		Department Name
	Description	String		Description
	DisplayName	String		Display Name
	Email	String		Email
	Fax	String		Fax Number
	FirstName	String	Yes	First Name
	HomePhone	String		Home Phone Number

	Initials	String		Initials
	IsLinkedUser	Boolean	Yes	To mark Lync user as linked, if true
	IsPrivateLineURI	Boolean		To mark line uri as private, if true
	JobTitle	String		Job Title
	LastName	String		Last Name
	LineServerURI	String		Line Server URI
	LineURI	String		line URI (Lync user phone number)
	LineURIExt	String	Yes	Line URI Extension
	LyncUserID	Integer		Lync User identifier
	MiddleName	String		Middle Name
	Mobile	String		Mobile Number
	Notes	String		Notes
	ObjectSID	String	Yes	Object SID, required only in case of linked user
	Office	String		Office Name
	PackageOrAddonId	String		Package or Add-on Identifier
	Pager	String		Pager
	Password	String		User Password
	SAMAccountName	String		SAMAccount Name
	SIPAddress	String	Yes	SIP Address
	State	String		State
	Status	Integer		Status= 0 User Disabled, Status = 1 User Enabled/Active, Status = 2 Pending Setup (Bulk User Case), Status = 3 (Group Action being performed.)
	UPN	String	Yes	User Principle Name
	UserLDAPUrl	String		User LDAP URL
	WebPage	String		Web Page
	Zip	String		Zip

➤ AddLyncPhoneGroup:

Adds Lync Phone Group. [PhoneGroup](#) type object is passed as an input to perform the operation. Click on [Sample Code](#) link to view an example.

Input Parameters:

	Member	Data Type	Required	Description
	PhoneGroup	PhoneGroup	Yes	PhoneGroup Object

Return Value:





Returns “[ResponseArguments](#)” Object.

~~~~~

- [PhoneGroup Class](#)

Manages Lync Phone Groups. Contains various properties to set for Phone group.

Input Parameters:


|                                                                                     | Member         | Data Type                           | Required | Description                                                                              |
|-------------------------------------------------------------------------------------|----------------|-------------------------------------|----------|------------------------------------------------------------------------------------------|
|  | CustomerID     | Integer                             | Yes      | Customer identifier that owned the phone group                                           |
|  | PhoneGroupId   | Integer                             | Yes      | Phone Group identifier                                                                   |
|  | PhoneGroupName | String                              | Yes      | Phone Group Name                                                                         |
|  | PhoneNumbers   | List< <a href="#">PhoneNumber</a> > | Yes      | List/Array of <a href="#">PhoneGroup.PhoneNumber</a> class associated to the Phone Group |




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- [PhoneNumber Class](#)

Manages Lync Phone Numbers. Contains various properties to set for a phone number.

Input Parameters:

	Member	Data Type	Required	Description
	HasExtensions	Boolean	Yes	True to indicate the number if already in-use with extension



	InUse	Boolean	Yes	True to indicate the number if already in-use or not
	LyncUserId	Integer	Yes	Lync User identifier associated to the phone number
	Number	String	Yes	Phone Number

~~~~~

➤ **AddLyncPhoneNumbers:**

Adds Phone numbers into Lync group. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

|                                                                                   | Member       | Data Type                           | Required | Description                                                       |
|-----------------------------------------------------------------------------------|--------------|-------------------------------------|----------|-------------------------------------------------------------------|
|  | PhoneGroupId | Integer                             | Yes      | PhoneGroup identifier                                             |
|  | PhoneNumbers | List< <a href="#">PhoneNumber</a> > | Yes      | List/Array of <a href="#">PhoneGroup.PhoneNumber</a> class Object |

**Return Value:**



Returns "[ResponseArguments](#)" Object.

~~~~~

➤ **AddLyncUser:**

Adds Lync user. Action can only be performed on active subscription. Click on [Sample Code](#) link to view an example.

Input Parameters:

	Member	Data Type	Required	Description
	HostingID	Integer	Yes	Hosting/Subscription identifier
	LUser	LyncUser	Yes	LyncUser class Object

Return Value:




Returns "[ResponseArguments](#)" Object.

~~~~~

➤ **AddSIPDomain:**

Adds Lync SIP Domain. Action can only be performed on active subscription. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

|                                                                                   | <b>Member</b> | <b>Data Type</b> | <b>Required</b> | <b>Description</b>              |
|-----------------------------------------------------------------------------------|---------------|------------------|-----------------|---------------------------------|
|  | HostingID     | Integer          | Yes             | Hosting/Subscription identifier |
|  | DomainName    | String           | Yes             | SIP Domain needs to be added    |
|  | IsDefault     | Boolean          | Yes             | True, to set domain as default  |

**Return Value:**

Returns "[ResponseArguments](#)" Object.

~~~~~

➤ **Authenticate:**

Authenticates service request and generates a random token. Click on [Sample Code](#) link to view an example.

Return Value:




Returns "[ResponseArguments](#)" Object. In case of successful authentication a random token is returned otherwise error string is returned.

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➤ **AuthenticateCustomer:**

Only Authenticate customer or reseller using its credentials. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

|                                                                                     | <b>Member</b> | <b>Data Type</b> | <b>Required</b> | <b>Description</b>                                 |
|-------------------------------------------------------------------------------------|---------------|------------------|-----------------|----------------------------------------------------|
|  | Login         | String           | Yes             | Passport Login of user or reseller                 |
|  | Password      | String           | Yes             | Password of user or reseller                       |
|  | IsReseller    | Boolean          | Yes             | True, to authenticate credentials against reseller |


**Return Value:**

Returns "[ResponseArguments](#)" Object.

➤ **CancelCustomer:**

To Cancel/Delete a customer on the basis of given customer ID. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

|                                                                                   | Member     | Data Type | Required | Description                      |
|-----------------------------------------------------------------------------------|------------|-----------|----------|----------------------------------|
|  | CustomerID | Integer   | Yes      | Customer Identifier to delete it |


**Return Value:**

Returns "[ResponseArguments](#)" Object.

➤ **CancelReseller:**

To Cancel/Delete a reseller customer on the basis of given customerId. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

|                                                                                     | Member     | Data Type | Required | Description                      |
|-------------------------------------------------------------------------------------|------------|-----------|----------|----------------------------------|
|  | CustomerID | Integer   | Yes      | Customer Identifier to delete it |





**Return Value:**

Returns "[ResponseArguments](#)" Object.

➤ **CancelWHMCSAddOn:**

To cancel WHMCS add-on in MachPanel. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

|                                                                                     | Member    | Data Type | Required | Description                                   |
|-------------------------------------------------------------------------------------|-----------|-----------|----------|-----------------------------------------------|
|  | ID        | String    | Yes      | WHMCS add-on hosting id (tblhostingaddons.id) |
|  | UserID    | String    | Yes      | WHMCS customer/user id (tblclients.id)        |
|  | ServiceID | String    | Yes      | WHMCS hosting account id (tblhosting.id)      |
|  | AddOnID   | String    | Yes      | WHMCS addon id (tbladdons.id)                 |

### Return Value:




Returns "[ResponseArguments](#)" Object.

~~~~~\*\*\*\*\*~~~~~

➤ CheckDomainAvailability:

To check domain availability for given top level and sub level domain on particular registrar. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|-------------|-----------|----------|---|
|  | SLD | String | Yes | Second Level Domain Name |
|  | TLD | String | Yes | Top Level Domain Name |
|  | RegistrarId | String | Yes | Registrar Identifier from HB_tblDomainRegistrars. RegistrarId |

Return Value:


Returns "[ResponseArguments](#)" Object.

~~~~~\*\*\*\*\*~~~~~

#### ➤ CreateCustomer:

To create Customer in MachPanel. Click on [Sample Code](#) link to view an example.

### Input Parameters:

|                                                                                     | Member | Data Type                | Required | Description                           |
|-------------------------------------------------------------------------------------|--------|--------------------------|----------|---------------------------------------|
|  | C      | <a href="#">Customer</a> | Yes      | <a href="#">Customer</a> class object |

### Return Value:

Returns "[ResponseArguments](#)" Object.

~~~~~\*\*\*\*\*~~~~~














- [Customer Class](#)

To create Customer in MachPanel.

Input Parameters:

| | Member | Data Type | Required | Description |
|--|--------|-----------|----------|-------------|
|--|--------|-----------|----------|-------------|

| | | | | |
|---|-------------------|-----------------------------|-----|---|
|  | Address1 | String | Yes | Represent Customer primary address |
|  | Address2 | String | | Represent Customer secondary address |
|  | BillingDay | String | | Represent Customer Billing day of month |
|  | City | String | Yes | Represent customer City Name |
|  | CompanyId | String | | Read Only property as Integer value to represent Customer Company Identifier |
|  | CompanyName | String | | Represent Customer Company name assigned by provider/reseller |
|  | Country | CountryInfo | Yes | Represent customer's country information object CountryInfo |
|  | CustomerId | Integer | | Read Only property as Integer value to represent Customer Identifier |
|  | CustomerLocale | LocaleInfo | | Read Only property as LocaleInfo to identify Customer Locale information |
|  | CustomerNumber | String | | String value to represent Customer Number assigned by provider/reseller |
|  | DateCreated | DateTime | | DateTime represents for customer creation date |
|  | EntityType | EntityTypes | | Read only property to get EntityTypes (Inherited from BusinessObjectEntityBase.) |
|  | Fax | String | | Represents customer Fax Number |
|  | FirstName | String | Yes | Represent customer First Name |
|  | IsCompanyAdmin | Boolean | | True, To represent whether customer is default administrator |
|  | IsFraud | Boolean | | True, to represent whether customer is marked as fraud |
|  | IsPendingForSetup | Boolean | | True, to represent whether customer is pending for setup |
|  | IsStillCustomer | Boolean | | True, to represent whether customer is still active customer |
|  | IsSuspend | Boolean | | True, to represent whether customer is Suspended |
|  | IsTaxable | Boolean | | True, to represent whether customer is Taxable |
|  | LastName | String | Yes | Represents customer Last Name |
|  | LocaleId | Integer | Yes | Represents customer locale identifier |







| | | | | |
|---|------------------|---------------------------|-----|---|
|  | Mobile | String | | Represents customer Mobile Number |
|  | PassportLogin | String | Yes | Represents Customer Passport Login |
|  | PassportPassword | String | Yes | Represents Customer Passport Password |
|  | Phone | String | Yes | Represent Customer Phone Number |
|  | PhoneCountryCode | String | Yes | Represent Customer country Phone code |
|  | PrimaryEmail | String | Yes | Represent Customer Primary Email address |
|  | Province | String | Yes | Represent Customer Province |
|  | ResellerId | Integer | Yes | Represent customer's reseller identifier |
|  | SecondaryEmail | String | Yes | Represent Customer Secondary Email Address |
|  | State | StateInfo | Yes | StateInfo to represent customer's state information |
|  | SuspendReason | String | | Represent Customer Suspension reason |
|  | WHMCS_UserId | Integer | | get and set WHMCS user Identifier (optional) |
|  | Zip | String | Yes | Zip |



~~~~~\*\*\*\*\*~~~~~

- [CountryInfo Class](#)

To represent Country Entity.

**Input Parameters:**






|                                                                                     | Member              | Data Type | Required | Description                                           |
|-------------------------------------------------------------------------------------|---------------------|-----------|----------|-------------------------------------------------------|
|  | CountryID           | Integer   | Yes      | Represents Country Identifier                         |
|  | CountryISOCCode     | String    |          | Read Only property to represent Country ISO Code      |
|  | CountryISONumber    | String    |          | Read Only property to represent Country ISO Number    |
|  | CountryName         | String    |          | Read Only property to represent Country Name          |
|  | CountryPhoneCode    | String    |          | Read Only property to represent Country Phone Code    |
|  | CountryRegionNumber | String    |          | Read Only property to represent Country Region Number |

|                                                                                   |               |                                       |  |                                                                                                                      |
|-----------------------------------------------------------------------------------|---------------|---------------------------------------|--|----------------------------------------------------------------------------------------------------------------------|
|  | CountryStates | <a href="#">List&lt;StateInfo&gt;</a> |  | Read Only property as list of <a href="#">StateInfo</a> to represent country states                                  |
|  | EntityType    | <a href="#">EntityTypes</a>           |  | Read only property to get <a href="#">EntityTypes</a><br>(Inherited from <a href="#">BusinessObjectEntityBase.</a> ) |

~~~~~\*\*\*\*\*~~~~~

- [StateInfo Class](#)
To represent Country States

Input Parameters:

| | Member | Data Type | Required | Description |
|---|----------------|-----------------------------|----------|--|
|  | EntityType | EntityTypes | Yes | Read only property to get EntityTypes
(Inherited from BusinessObjectEntityBase.) |
|  | StateCode | String | | Read Only property to represent state Code |
|  | StateCountryId | Integer | | Read Only property to represent Country Identifier |
|  | StateId | Integer | Yes | To represent State Identifier |
|  | StateName | String | | Read Only property to represent State Name |

~~~~~\*\*\*\*\*~~~~~

- [EntityTypes Enum](#)  
List of entities used in API. Pass its integer constant equaling value.

```




/// <summary>
/// List of Entities used in API
/// </summary>
public enum EntityTypes
{
    Customer = 1,
    ServiceHostingBase = 2,
    CompanySettings = 3,
    TaxationSettings = 4,
    PaymentGroup = 5,
    Countries = 6,
    States = 7,
    CreditProfiles = 8,
    ResellerAccount = 9,
    ReportingBase = 10
}

```

• [LocaleInfo Class](#)

Struct type to represent Locale Information.


Input Parameters:

|                                                                                   | Member     | Data Type | Required | Description                                       |
|-----------------------------------------------------------------------------------|------------|-----------|----------|---------------------------------------------------|
|  | LocaleCode | String    |          | Read Only Property to represent Locale Code       |
|  | LocaleId   | Integer   |          | Read Only Property to represent Locale Identifier |
|  | LocaleName | String    |          | Read Only Property to represent Locale Name       |

➤ [CreateReseller:](#)

To create Reseller Customer in MachPanel. Click on [Sample Code](#) link to view an example.

Input Parameters:

|                                                                                    | Member | Data Type                        | Required | Description                                   |
|------------------------------------------------------------------------------------|--------|----------------------------------|----------|-----------------------------------------------|
|  | RC     | <a href="#">ResellerCustomer</a> | Yes      | <a href="#">ResellerCustomer</a> class object |





Return Value:

Returns "[ResponseArguments](#)" Object.







• [ResellerCustomer Class](#)










To create Reseller Customer in MachPanel.

Input Parameters:

|                                                                                     | Member     | Data Type | Required | Description                             |
|-------------------------------------------------------------------------------------|------------|-----------|----------|-----------------------------------------|
|  | Address1   | String    | Yes      | Represent Customer primary address      |
|  | Address2   | String    |          | Represent Customer secondary address    |
|  | BillingDay | String    |          | Represent Customer Billing day of month |
|  | City       | String    | Yes      | Represent customer City Name            |



|                                                                                     |                   |                             |     |                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------|-----------------------------|-----|-------------------------------------------------------------------------------------------------------------------|
|    | CompanyId         | String                      |     | Read Only property as Integer value to represent Customer Company Identifier                                      |
|    | CompanyName       | String                      |     | Represent Customer Company name assigned by provider/reseller                                                     |
|    | Country           | <a href="#">CountryInfo</a> | Yes | Represent customer's country information object <a href="#">CountryInfo</a>                                       |
|    | CustomerId        | Integer                     |     | Read Only property as Integer value to represent Customer Identifier                                              |
|    | CustomerLocale    | <a href="#">LocaleInfo</a>  |     | Read Only property as <a href="#">LocaleInfo</a> to identify Customer Locale information                          |
|    | CustomerNumber    | String                      |     | String value to represent Customer Number assigned by provider/reseller                                           |
|    | DateCreated       | <a href="#">DateTime</a>    |     | <a href="#">DateTime</a> represents for customer creation date                                                    |
|    | EntityType        | <a href="#">EntityTypes</a> |     | Read only property to get <a href="#">EntityTypes</a> (Inherited from <a href="#">BusinessObjectEntityBase.</a> ) |
|    | Fax               | String                      |     | Represents customer Fax Number                                                                                    |
|    | FirstName         | String                      | Yes | Represent customer First Name                                                                                     |
|    | IsCompanyAdmin    | Boolean                     |     | True, To represent whether customer is default administrator                                                      |
|    | IsFraud           | Boolean                     |     | True, to represent whether customer is marked as fraud                                                            |
|   | IsPendingForSetup | Boolean                     |     | True, to represent whether customer is pending for setup                                                          |
|  | IsStillCustomer   | Boolean                     |     | True, to represent whether customer is still active customer                                                      |
|  | IsSuspend         | Boolean                     |     | True, to represent whether customer is Suspended                                                                  |
|  | IsTaxable         | Boolean                     |     | True, to represent whether customer is Taxable                                                                    |
|  | LastName          | String                      | Yes | Represents customer Last Name                                                                                     |
|  | LocaleId          | Integer                     | Yes | Represents customer locale identifier                                                                             |
|  | Mobile            | String                      |     | Represents customer Mobile Number                                                                                 |
|  | PassportLogin     | String                      | Yes | Represents Customer Passport Login                                                                                |
|  | PassportPassword  | String                      | Yes | Represents Customer Passport Password                                                                             |
|  | Phone             | String                      | Yes | Represent Customer Phone Number                                                                                   |

|                                                                                   |                  |                           |     |                                                                     |
|-----------------------------------------------------------------------------------|------------------|---------------------------|-----|---------------------------------------------------------------------|
|  | PhoneCountryCode | String                    | Yes | Represent Customer country Phone code                               |
|  | PrimaryEmail     | String                    | Yes | Represent Customer Primary Email address                            |
|  | Province         | String                    | Yes | Represent Customer Province                                         |
|  | ResellerId       | Integer                   | Yes | Represent customer's reseller identifier                            |
|  | SecondaryEmail   | String                    | Yes | Represent Customer Secondary Email Address                          |
|  | State            | <a href="#">StateInfo</a> | Yes | <a href="#">StateInfo</a> to represent customer's state information |
|  | SuspendReason    | String                    |     | Represent Customer Suspension reason                                |
|  | WHMCS_UserId     | Integer                   |     | get and set WHMCS user Identifier (optional)                        |
|  | Zip              | String                    | Yes | Zip                                                                 |

**Return Value:**


Returns "[ResponseArguments](#)" Object.

~~~~~

➤ **DeleteCreditCard:**

To delete credit card profile. Click on [Sample Code](#) link to view an example.

Input Parameters:

	Member	Data Type	Required	Description
	CardId	Integer	Yes	Credit card Identifier

Return Value:

Returns "[ResponseArguments](#)" Object.


~~~~~

➤ **DeleteLyncPhoneGroup:**

To delete Lync Phone Group. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

|  | Member | Data Type | Required | Description |
|--|--------|-----------|----------|-------------|
|--|--------|-----------|----------|-------------|

|                                                                                   |              |         |     |                         |
|-----------------------------------------------------------------------------------|--------------|---------|-----|-------------------------|
|  | PhoneGroupId | Integer | Yes | PhoneGroupId Identifier |
|-----------------------------------------------------------------------------------|--------------|---------|-----|-------------------------|

**Return Value:**



Returns “[ResponseArguments](#)” Object.

~~~~~

➤ **DeleteLyncPhoneNumbers:**

To Delete Lync Phone Numbers. Click on [Sample Code](#) link to view an example.

Input Parameters:

	Member	Data Type	Required	Description
	PhoneGroupId	Integer	Yes	PhoneGroupId Identifier
	NumbersToDelete	List< PhoneNumber >	Yes	List of PhoneNumber Object

Return Value:



Returns “[ResponseArguments](#)” Object.

~~~~~

➤ **DeleteLyncUser:**

To Remove Lync Services from a User. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

|                                                                                     | Member     | Data Type | Required | Description                         |
|-------------------------------------------------------------------------------------|------------|-----------|----------|-------------------------------------|
|  | HostingId  | Integer   | Yes      | The Hosting/Subscription identifier |
|  | LyncUserId | Integer   | Yes      | The LyncUser identifier             |

**Return Value:**



Returns “[ResponseArguments](#)” Object.

~~~~~

➤ **DeleteSIPDomain:**

To Delete Lync SIP Domain. Click on [Sample Code](#) link to view an example.

Input Parameters:

	Member	Data Type	Required	Description
	HostingId	Integer	Yes	The Hosting/Subscription identifier
	DomainName	String	Yes	SIP Domain needs to be removed

Return Value:


Returns "[ResponseArguments](#)" Object.

~~~~~\*\*\*\*\*

➤ **DeleteWHMCSAddOn:**

To cancel WHMCS add-on in MachPanel. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

|                                                                                   | Member | Data Type | Required | Description                                   |
|-----------------------------------------------------------------------------------|--------|-----------|----------|-----------------------------------------------|
|  | Id     | String    | Yes      | WHMCS add-on hosting id (tblhostingaddons.id) |

**Return Value:**


Returns "[ResponseArguments](#)" Object.

~~~~~\*\*\*\*\*

➤ **DeleteWHMCSUser:**

To delete/cancel WHMCS user. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|--------|-----------|----------|---------------|
|  | UserId | String | Yes | WHMCS user id |

Return Value:

Returns "[ResponseArguments](#)" Object.



~~~~~\*\*\*\*\*

➤ **EditLyncUser:**

To Edit Lync User. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

|  | Member | Data Type | Required | Description |
|--|--------|-----------|----------|-------------|
|--|--------|-----------|----------|-------------|

|                                                                                   |           |                          |     |                                       |
|-----------------------------------------------------------------------------------|-----------|--------------------------|-----|---------------------------------------|
|  | HostingId | Integer                  | Yes | The Hosting/Subscription identifier   |
|  | LUser     | <a href="#">LyncUser</a> | Yes | <a href="#">LyncUser</a> class Object |

### Return Value:




Returns "[ResponseArguments](#)" Object.

~~~~~\*\*\*\*\*~~~~~

➤ [GetActiveDirectoryUsers:](#)

To get list of Hosted users List for given customer and organization. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|----------------|-----------|----------|--------------------------------|
|  | CustomerId | Integer | Yes | Customer Identifier |
|  | OrganizationId | Integer | Yes | Hosted Organization Identifier |
|  | ServiceTypeId | Integer | Yes | Service Type Identifier |

Return Value:






List of [ActiveDirectoryUser](#) objects.



~~~~~\*\*\*\*\*~~~~~

#### ➤ [GetOrgUsers:](#)

To get list of Hosted users List for given organization name, customer id, customer name, customer company name, domain suffix, display name and the UPN of user. Click on [Sample Code](#) link to view an example.

### Input Parameters:

|                                                                                     | Member              | Data Type | Required | Description                              |
|-------------------------------------------------------------------------------------|---------------------|-----------|----------|------------------------------------------|
|  | OrgName             | String    |          | Organization name, internal name or GUID |
|  | CustomerId          | Integer   |          | Customer Identifier                      |
|  | CustomerName        | String    |          | Customer name                            |
|  | CustomerCompanyName | String    |          | Customer company name                    |
|  | DomainSuffix        | String    |          | Domain name                              |

|                                                                                   |             |        |  |                      |
|-----------------------------------------------------------------------------------|-------------|--------|--|----------------------|
|  | DisplayName | String |  | Display name of user |
|  | UPN         | String |  | User Principal Name  |

**Return Value:**

List of [ActiveDirectoryUser](#) objects.

~~~~~

➤ **AddADUser:**

To add active directory user with provided user attributes. Click on [Sample Code](#) link to view an example.

Input Parameters:

	Member	Data Type	Required	Description
	ADU	ActiveDirectoryUser	Yes	Active Directory User object

Return Value:


Returns "[ResponseArguments](#)" Object.

~~~~~

➤ **UpdateADUser:**

To update active directory user with provided user attributes. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

|                                                                                     | Member | Data Type                           | Required | Description                  |
|-------------------------------------------------------------------------------------|--------|-------------------------------------|----------|------------------------------|
|  | ADU    | <a href="#">ActiveDirectoryUser</a> | Yes      | Active Directory User object |

**Return Value:**


Returns "[ResponseArguments](#)" Object.

~~~~~

➤ **ChangePassword:**

To update password of the active directory user with provided new password. Click on [Sample Code](#) link to view an example.

Input Parameters:

	Member	Data Type	Required	Description
	ADU	ActiveDirectoryUser	Yes	Active Directory User object

Return Value:


Returns "[ResponseArguments](#)" Object.

~~~~~\*\*\*\*\*~~~~~

#### ➤ RemoveUser:

To remove active directory user. Click on [Sample Code](#) link to view an example.

### Input Parameters:

|                                                                                   | Member   | Data Type | Required | Description              |
|-----------------------------------------------------------------------------------|----------|-----------|----------|--------------------------|
|  | ADUserId | Integer   | Yes      | Active Directory user ID |

### Return Value:



Returns "[ResponseArguments](#)" Object.

~~~~~\*\*\*\*\*~~~~~

➤ EnableDisableUser:

To enable/disable active directory user. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|----------|-----------|----------|---|
|  | ADUserId | Integer | Yes | Active Directory user ID |
|  | Disable | Boolean | Yes | To represent whether to disable user or not |

Return Value:


Returns "[ResponseArguments](#)" Object.

~~~~~\*\*\*\*\*~~~~~

#### ➤ UnlockUser:

To unlock active directory user. Click on [Sample Code](#) link to view an example.

### Input Parameters:

|                                                                                   | Member   | Data Type | Required | Description              |
|-----------------------------------------------------------------------------------|----------|-----------|----------|--------------------------|
|  | ADUserId | Integer   | Yes      | Active Directory user ID |

### Return Value:



















Returns "[ResponseArguments](#)" Object.

~~~~~\*\*\*\*\*

- [ActiveDirectoryUser Class](#)

To represent Active Directory User Entity.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|-------------------|-------------|----------|--|
|  | DomainUserName | String | | Read Only property to represent User Domain Name |
|  | UserDisplayName | String | | To represent User Display Name |
|  | UserId | Integer | | To represent User Identifier |
|  | UserLDAPUrl | String | | To represent User LDAP Url |
|  | UserPrincipalName | String | | To represent User Principal Name |
|  | HostedOrgId | Integer | | To represent Hosted Org Id |
|  | FirstName | String | | To represent First Name |
|  | LastName | String | | To represent Last Name |
|  | Email | String | | To represent Email |
|  | Password | String | | To represent Password |
|  | Initials | String | | To represent Initials |
|  | MiddleName | String | | To represent Middle Name |
|  | StreetAddress | String | | To represent Address |
|  | City | String | | To represent City |
|  | State | String | | To represent State |
|  | Zip | String | | To represent Zip |
|  | Country | CountryInfo | | To represent Country |
|  | Mobile | String | | To represent Mobile |




| | | | | |
|---|---------------------|--------------------------------------|--|--|
|  | Fax | String | | To represent Fax |
|  | BusinessPhone | String | | To represent Business Phone |
|  | HomePhone | String | | To represent Home Phone |
|  | Pager | String | | To represent Pager |
|  | WebPage | String | | To represent Web Page |
|  | Description | String | | To represent Description |
|  | ImageURL | String | | To represent Image URL |
|  | JobTitle | String | | To represent Job Title |
|  | Company | String | | To represent Company Name |
|  | Department | String | | To represent Department |
|  | Office | String | | To represent Office |
|  | Manager | Integer | | To represent Manager Identifier |
|  | SendEmailTo | String | | To represent Send Email To |
|  | ADDomainFQDN | String | | To represent Active Directory Domain FQDN |
|  | OrgName | String | | To represent Organization name |
|  | CustomerId | Integer | | To represent Customer Identifier |
|  | CustomerName | String | | To represent Customer name |
|  | CustomerCompanyName | String | | To represent Customer Company Name |
|  | LogonName | String | | To represent Logon Name |
|  | LoginDisable | Boolean | | To represent whether Login is disable or not |
|  | Status | Integer | | To represent Status of the user |
|  | EnabledServices | List< ServiceTypes > | | To represent List of Enabled Services |
|  | SAMAccountName | String | | To represent SAM Account name |
|  | CompanyId | Integer | | To represent Company Identifier |

~~~~~\*\*\*\*\*

➤ **GetAddOns:**

To get List of AddOns Associated with specific Package/TLDId and Payment Group. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

|                                                                                   | Member         | Data Type | Required | Description              |
|-----------------------------------------------------------------------------------|----------------|-----------|----------|--------------------------|
|  | PackageId      | Integer   | Yes      | Package/TLD Identifier   |
|  | PaymentGroupId | Integer   | Yes      | Payment Group Identifier |
|  | ServiceTypeId  | Integer   | Yes      | Service Type Identifier  |

**Return Value:**






List of [AddOnInfo](#) objects.

~~~~~\*\*\*\*\*

- [AddOnInfo Class](#)

Public class to hold data and perform operations for AddOns saved in database.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|---------------------|--|----------|--|
|  | AddOnBillingCycles | List<BillingCycle> | | Read Only property to get list of available BillingCycle |
|  | AddOnId | Integer | | Read only property to get Add-On Identifier |
|  | AddOnTitle | String | | Read Only property to get Add-On Title |
|  | IsPlanAddOn | Boolean | | Read Only property to get whether Add-On is a Managed Add-On or not |
|  | LinkedServiceTypeId | Integer | | Read Only property to get Linked Service Type identifier of an Add-On |










~~~~~\*\*\*\*\*

- [BillingCycle Class](#)

Public class to hold common data and perform common operations for Billing cycles.

**Input Parameters:**

|  | Member | Data Type | Required | Description |
|--|--------|-----------|----------|-------------|
|--|--------|-----------|----------|-------------|




|                                                                                   |                        |         |  |                                                                                                  |
|-----------------------------------------------------------------------------------|------------------------|---------|--|--------------------------------------------------------------------------------------------------|
|  | CommissionInPercentage | Double  |  | Read Only property to get reseller commission in percentage for a billing cycle                  |
|  | CycleId                | Integer |  | Read only property to get unique identifier for a billing cycle                                  |
|  | CycleName              | String  |  | Read Only property to get representative name for a billing cycle                                |
|  | MarkupInPercentage     | Double  |  | Read Only property to get reseller markup in percentage for a billing cycle                      |
|  | PaymentGroupId         | Integer |  | Read Only property to get identifier for the payment group associated with current billing cycle |
|  | PercentageDiscount     | Double  |  | Read only property to get discount in percentage for a billing cycle                             |
|  | Price                  | Double  |  | Read only property to get price for a billing cycle                                              |
|  | ResellerNetIncome      | Double  |  | Read only property to get reseller net income for a billing cycle                                |
|  | SetupPrice             | Double  |  | Read only property to get setup price for a billing cycle                                        |

~~~~~\*\*\*\*\*

➤ **GetAddOnsBySubscription:**

To get List of AddOns Associated with specific Hosting/Subscription and Payment Group. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|----------------|------------------------------|-----------------|---|
|  | HostingId | Integer | Yes | Hosting/Subscription Identifier |
|  | PaymentGroupId | Integer | Yes | Payment Group Identifier |
|  | ServiceType | ServiceTypes | Yes | ServiceTypes of give Package/Domain |

Return Value:

List of [AddOnInfo](#) objects.

~~~~~\*\*\*\*\*

- [ServiceTypes Enum](#)  
Public Enum type to represent Service types.

```

/// <summary> ...
public enum ServiceTypes : int
{
    /// <summary> ...
    Shared_Hosting = 1,
    /// <summary> ...
    Misc_Product_Hosting = 2,
    /// <summary> ...
    Dedicated_Hosting = 5,
    /// <summary> ...
    SSL_Hosting = 8,
    /// <summary> ...
    Domain_Hosting = 10,
    /// <summary> ...
    CRM_Hosting = 14,
    /// <summary> ...
    AddOn = 15,
    /// <summary> ...
    Exchange_Hosting = 16,
    /// <summary> ...
    SharePoint_Hosting = 17,
    /// <summary> ...
    Lync_Hosting = 18,
    /// <summary> ...
    VPS_Hosting = 19
}

```

~~~~~\*\*\*\*\*

➤ [GetAllCreditCards:](#)

To retrieve list of credit card profiles. Click on [Sample Code](#) link to view an example.





Return Value:





















List of [CreditCardInfo](#) objects.



~~~~~\*\*\*\*\*

- [CreditCardInfo Class](#)  
Public class to represent credit card information.

**Input Parameters:**

|                                                                                     | Member                 | Data Type                   | Required | Description                                                                     |
|-------------------------------------------------------------------------------------|------------------------|-----------------------------|----------|---------------------------------------------------------------------------------|
|  | AllowPaymentByCard     | Boolean                     |          | To get and set value to allow payments through this card or not                 |
|  | CardHolderCity         | String                      |          | To get and set Card Holder City name                                            |
|  | CardHolderCountry      | <a href="#">CountryInfo</a> |          | To get and set Card Holder <a href="#">CountryInfo</a> of the credit card       |
|  | CardHolderCountryState | <a href="#">StateInfo</a>   |          | to get and set Card Holder country <a href="#">StateInfo</a> of the credit card |

|                                                                                     |                            |                                    |  |                                                                                                                   |
|-------------------------------------------------------------------------------------|----------------------------|------------------------------------|--|-------------------------------------------------------------------------------------------------------------------|
|    | CardHolderEmail            | String                             |  | To get and set card holder email address                                                                          |
|    | CardHolderFax              | String                             |  | To get and set card holder fax number                                                                             |
|    | CardHolderMobileNo         | String                             |  | To get and set card holder mobile number                                                                          |
|    | CardHolderName             | String                             |  | To get and set card holder name printed on the credit card                                                        |
|    | CardHolderPhoneNo          | String                             |  | To get and set card holder phone number                                                                           |
|    | CardHolderPrimaryAddress   | String                             |  | To get and set card holder primary address                                                                        |
|    | CardHolderProvince         | String                             |  | To get and set card holder province (in-case of no states)                                                        |
|    | CardHolderSecondaryAddress | String                             |  | To get and set card holder secondary address                                                                      |
|    | CardHolderZipCode          | String                             |  | To get and set card holder zip code                                                                               |
|    | CardId                     | Integer                            |  | Read Only property to get unique card identity                                                                    |
|    | CardNumber                 | String                             |  | To get and set card number printed on credit card                                                                 |
|    | CardStatus                 | <a href="#">CreditCardStatuses</a> |  | To get and set <a href="#">CreditCardStatuses</a> of the credit card                                              |
|   | CardType                   | <a href="#">CreditCardTypes</a>    |  | To get and set <a href="#">CreditCardTypes</a> of the credit card                                                 |
|  | CustomerId                 | Integer                            |  | To get and set associated customer identity                                                                       |
|  | CustomerName               | String                             |  | Read Only Property to represent customer name                                                                     |
|  | CVV2CVC2                   | String                             |  | To get and set card verification value/code for this credit card                                                  |
|  | EntityType                 | <a href="#">EntityTypes</a>        |  | Read only property to get <a href="#">EntityTypes</a> (Inherited from <a href="#">BusinessObjectEntityBase.</a> ) |
|  | ExpiryMonth                | Integer                            |  | To get and set expiry month of the credit card                                                                    |
|  | ExpiryYear                 | Integer                            |  | To get and set expiry year of the credit card                                                                     |
|  | IssueNumber                | String                             |  | To get and set issue number of credit card                                                                        |

|                                                                                   |                             |                                   |  |                                                                                                             |
|-----------------------------------------------------------------------------------|-----------------------------|-----------------------------------|--|-------------------------------------------------------------------------------------------------------------|
|  | OperationArgs               | <a href="#">ResponseArguments</a> |  | Read only property to return Response Arguments (Inherited from <a href="#">BusinessObjectEntityBase.</a> ) |
|  | UseCardForRecurringPayments | Boolean                           |  | To get and set whether to use this card for recurring payments or not                                       |

~~~~~

- [CreditCardStatuses Enum](#)

```

/// <summary>
/// Enum type to represent possible credit card statuses
/// </summary>
public enum CreditCardStatuses : int
{
    /// <summary> ...
    Unchecked = 0,
    /// <summary> ...
    OK = 1,
    /// <summary> ...
    Disabled = 2,
    /// <summary> ...
    Expired = 3,
    /// <summary> ...
    Error = 4
}



```

~~~~~

- [CreditCardTypes Class](#)

Public complex type to represent available credit card types.

**Input Parameters:**

|                                                                                     | Member   | Data Type | Required | Description                                           |
|-------------------------------------------------------------------------------------|----------|-----------|----------|-------------------------------------------------------|
|  | TypeId   | Integer   |          | Read Only property to get credit card type identifier |
|  | TypeName | String    |          | Read Only property to get credit card type            |

~~~~~

➤ [GetAllCustomers:](#)

To get list of all customers of current company. Click on [Sample Code](#) link to view an example.

Return Value:

List of [Customer](#) objects.

~~~~~

➤ **GetAllPaymentGroups:**

To retrieve list of available payment groups. Click on [Sample Code](#) link to view an example.

**Return Value:**








List of [PaymentGroup](#) objects.

~~~~~\*\*\*\*\*

- **PaymentGroup Class**

Entity type to represent Payment group.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|------------------|-----------------------------------|----------|---|
|  | CurrencyId | Integer | | Read Only Property to get Currency identifier |
|  | CurrencySymbol | String | | Read Only Property to get Currency Symbol for a Payment Group |
|  | CurrencyTitle | String | | Read Only Property to get Currency Title for a Payment Group |
|  | EntityType | EntityTypes | | Read only property to get EntityTypes (Inherited from BusinessObjectEntityBase.) |
|  | OperationArgs | ResponseArguments | | Read only property to return Response Arguments (Inherited from BusinessObjectEntityBase.) |
|  | PaymentGroupId | Integer | | Read Only Property to get Payment Group Identifier for a Payment Group |
|  | PaymentGroupName | String | | Read Only Property to get Payment Group Name |

~~~~~\*\*\*\*\*

➤ **GetAllResellers:**

To get all reseller customers of current company. Click on [Sample Code](#) link to view an example.

**Return Value:**

List of [Customer](#) objects.

~~~~~\*\*\*\*\*

➤ **GetAllSubscriptions:**

To get list of all subscriptions of current company. Click on [Sample Code](#) link to view an example.

Return Value:















List of [SubscriptionInfo](#) objects.

~~~~~\*\*\*\*\*~~~~~

- **SubscriptionInfo Class**

Serializable class to represent Subscription information.

**Input Parameters:**

|                                                                                     | <b>Member</b>     | <b>Data Type</b>              | <b>Required</b> | <b>Description</b>                                               |
|-------------------------------------------------------------------------------------|-------------------|-------------------------------|-----------------|------------------------------------------------------------------|
|    | Comments          | String                        |                 | Textual comments if there are any associated with a subscription |
|    | CompanyName       | String                        |                 | Customer's company name who owns a subscription                  |
|    | CustomerFirstName | String                        |                 | Customer's first name who owns a subscription                    |
|    | CustomerID        | Integer                       |                 | Customer's unique identifier who owns a subscription             |
|   | CustomerLastName  | String                        |                 | Customer's last name who owns a subscription                     |
|  | CustomerNumber    | String                        |                 | Customer's unique number assigned by provider/reseller           |
|  | DomainName        | String                        |                 | Associated domain Name of the subscription                       |
|  | HostingID         | Integer                       |                 | Hosting Identifier [synonym for Subscription Identifier]         |
|  | HostingTypeId     | Integer                       |                 | Hosting/Package/Service Type Identifier                          |
|  | LastRenewal       | DateTime                      |                 | DateTime value for Subscription Last Renewal Date                |
|  | NextRenewal       | DateTime                      |                 | DateTime value for Subscription Next Renewal Date                |
|  | PackageName       | String                        |                 | Associated Package Name of the subscription                      |
|  | SignupDate        | DateTime                      |                 | DateTime value for Subscription signup Date                      |
|  | Status            | <a href="#">ServiceStatus</a> |                 | <a href="#">ServiceStatus</a> value for subscriptions's status   |

~~~~~\*\*\*\*\*~~~~~


- [ServiceStatus Enum](#)

```

/// <summary>
/// Public enum type to represent Service statuses
/// </summary>
public enum ServiceStatus : int
{
    /// <summary> ...
    Active = 1,
    /// <summary> ...
    Deleted = 2,
    /// <summary> ...
    OnHold = 3,
    /// <summary> ...
    Pending = 4,
    /// <summary> ...
    Graced = 5,
    /// <summary> ...
    Expired = 6,
    /// <summary> ...
    Pending_Cancel = 7,
    /// <summary> ...
    Pending_Suspend = 8,
    /// <summary> ...
    Pending_Resume = 9,
    /// <summary> ...
    Pending_Edit = 10
}

```

~~~~~\*\*\*\*\*~~~~~

- [GetAvailableServices:](#)

To get Available or Authorized service types for current company. Click on [Sample Code](#) link to view an example.

**Return Value:**



Listof services available as [EnumIntegerExtension](#) objects.

~~~~~\*\*\*\*\*~~~~~

- [EnumIntegerExtension Struct](#)

Extension to represent Name, Value of enum types across web service consistently.

Input Parameters:



| | Member | Data Type | Required | Description |
|---|-----------|-----------|----------|-------------------|
|  | EnumName | String | | Enum Member Name |
|  | EnumValue | Integer | | Enum Member Value |

~~~~~\*\*\*\*\*~~~~~

➤ [GetBillingCycles:](#)

To get list of Billing Cycles for given service plan and payment group. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

|                                                                                   | Member         | Data Type | Required | Description              |
|-----------------------------------------------------------------------------------|----------------|-----------|----------|--------------------------|
|  | PlanId         | Integer   | Yes      | Service Plan Identifier  |
|  | PaymentGroupId | Integer   | Yes      | Payment Group Identifier |

**Return Value:**


List of [BillingCycle](#) objects.

~~~~~\*\*\*\*\*~~~~~

➤ [GetCRMOrganizationUsageReport:](#)

To get CRM Organization usage report. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|--------|-----------------------------------|----------|---|
|  | RC | ReportingCriteria | Yes | ReportingCriteria object (specify available properties to set criteria to filter records else leave them blank) |

Return Value:



List of [CRMUsageReport](#) objects.






~~~~~\*\*\*\*\*~~~~~

- [ReportingCriteria Class](#)

Public class to represent reporting criteria used for filtering report records.

**Input Parameters:**

|                                                                                     | Member     | Data Type | Required | Description                                                                                             |
|-------------------------------------------------------------------------------------|------------|-----------|----------|---------------------------------------------------------------------------------------------------------|
|  | CustomerId | Integer   |          | Customer identifier to filter report records for. [Leave unassigned if don't want to apply this filter] |
|  | CompanyId  | Integer   |          | Company identifier to filter report records for. [Leave unassigned if don't want to apply this filter]  |









|                                                                                   |                   |        |  |                                                                                                                                                    |
|-----------------------------------------------------------------------------------|-------------------|--------|--|----------------------------------------------------------------------------------------------------------------------------------------------------|
|  | CustomerName      | String |  | Customer name to filter report records for. [Leave unassigned if don't want to apply this filter]                                                  |
|  | CompanyName       | String |  | Company name to filter report records for. [Leave unassigned if don't want to apply this filter]                                                   |
|  | OrganizationName  | String |  | Organization name to filter report records for. [Leave unassigned if don't want to apply this filter]                                              |
|  | SharePointSiteUrl | String |  | SharePoint site URL to filter report records for. [Only applicable for SharePoint reports, Leave unassigned if don't want to apply this filter]    |
|  | CRMOrgDisplayName | String |  | CRM Organization display name to filter report records for. [Only applicable for CRM reports, Leave unassigned if don't want to apply this filter] |








~~~~~\*\*\*\*\*~~~~~

- [CRMUsageReport Class](#)

Public class to represent reporting criteria used for filtering report records.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|------------------|-----------------------------|----------|--|
|  | CompanyName | String | | Read-only property to represent Company name of the customer |
|  | OrganizationName | String | | Read-only property to represent Organization name |
|  | CustomerName | String | | Read-only property to represent Customer name |
|  | CustomerNumber | String | | Read-only property to represent Custom number assigned by Provider/reseller |
|  | CustomerID | Integer | | Read-only property to represent Customer identifier |
|  | SoldPackage | String | | Read-only property to represent associated sold package name of the subscription |
|  | Owner | String | | Read-only property to represent owner name of the Customer |
|  | EntityType | EntityTypes | | Read only property to get EntityTypes |

| | | | | |
|---|-------------------------|----------|--|---|
| | | | | (Inherited from BusinessObjectEntityBase.) |
|  | OrganizationDisplayName | String | | Read-only property to represent CRM organization display name |
|  | OrganizationURL | String | | Read-only property to represent CRM organization URL |
|  | EnabledUsers | Integer | | Read-only property to represent enabled or active CRM users |
|  | EnabledUsers | Integer | | Read-only property to represent disabled or in-active CRM users |
|  | TotalUsers | Integer | | Read-only property to represent total CRM users |
|  | TotalDomains | Integer | | Read-only property to represent total domains |
|  | DateCreated | DateTime | | Read-only property to represent CRM Organization creation date |

~~~~~\*\*\*\*\*~~~~~

➤ [GetCompanySettings:](#)

To get current company settings. Click on [Sample Code](#) link to view an example.

**Return Value:**





Returns [CompanySettings](#) object.



~~~~~\*\*\*\*\*~~~~~

- [CompanySettings Class](#)

Public class to hold data and perform operations for Service Provider's Company.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|------------------|-----------------------------|----------|---|
|  | BillingCPAddress | String | | Read only property to get Control Panel Billing Address of company settings |
|  | CompanyId | Integer | | Read Only property to get Company identifier |
|  | DayOfMonthToBill | String | | Read only property to get Billing day of month of company settings |
|  | EntityType | EntityTypes | | Read only property to get EntityTypes (Inherited from BusinessObjectEntityBase.) |

| | | | | |
|---|-------------------------------|---------|--|--|
|  | HelpManualLink | String | | Read only property to get Help Manual Link of company settings |
|  | IsBillingOn | Boolean | | Read only property to get Billing flag of company settings |
|  | IsCommissionResellerEnabled | Boolean | | Read only property to get Commission based reseller flag of company settings (Only for provider account) |
|  | IsCRMExtensionEnabled | Boolean | | Read only property to get CRM Hosting Extension Service flag of company settings |
|  | IsDedicatedHostingEnabled | Boolean | | Read only property to get Dedicated Hosting Service flag of company settings |
|  | IsDNSEnabled | Boolean | | Read only property to get DNS Service flag of company settings |
|  | IsDomainHostingEnabled | Boolean | | Read only property to get Domain Service flag of company settings |
|  | IsExchangeExtensionEnabled | Boolean | | Read only property to get Exchange Hosting Extension Service flag of company settings |
|  | IsLyncExtensionEnabled | Boolean | | Read only property to get Lync/OCS Hosting Extension Service flag of company settings |
|  | IsMiscProductEnabled | Boolean | | Read only property to get Misc. Product Service flag of company settings |
|  | IsOnlineHelpEnabled | Boolean | | Read only property to get Online Help flag of company settings |
|  | IsProrateBillingEnabled | Boolean | | Read only property to get prorated billing flag of company settings |
|  | IsSharepointExtensionEnabled | Boolean | | Read only property to get SharePoint Hosting Extension Service flag of company settings |
|  | IsSSLEnabled | Boolean | | Read only property to get SSL Service flag of company settings |
|  | IsSubscriptionResellerEnabled | Boolean | | Read only property to get Commission based reseller |

| | | | | |
|---|----------------------------|-----------------------------------|--|---|
| | | | | flag of company settings
(Only for provider account) |
|  | IsTaxCollectionEnabled | Boolean | | Read only property to get Tax collection flag of company settings |
|  | IsVPSExtensionEnabled | Boolean | | Read only property to get VPS Hosting Extension Service flag of company settings |
|  | IsWebHostingEnabled | Boolean | | Read only property to get Shared Hosting flag of company settings |
|  | IsWirelessExtensionEnabled | Boolean | | Read only property to get Wireless Hosting Extension Service flag of company settings |
|  | NextInvoiceId | Boolean | | Read only property to get Next Available Invoice Identifier of company settings |
|  | OperationArgs | ResponseArguments | | Read only property to return Response Arguments (Inherited from BusinessObjectEntityBase.) |
|  | PayByCheque | Boolean | | Read only property to get Invoice Pay by Cheque flag of company settings |
|  | PayByChequeText | String | | Read only property to get Text for Pay By Cheque flag of company settings |
|  | PayByDraft | Boolean | | Read only property to get Invoice Pay by Draft flag of company settings |
|  | PayByDraftText | String | | Read only property to get Invoice Pay by Cheque flag of company settings |
|  | PaymentGroups | PaymentGroup | | Read only property to get List of PaymentGroup defined for current company |
|  | SendBillingInvoiceEmail | Boolean | | Read only property to get Send Invoice as Email flag of company settings |

~~~~~\*\*\*\*\*~~~~~

➤ **GetCountries:**

To get List of Countries. Click on [Sample Code](#) link to view an example.

### Return Value:

ListOf [CountryInfo](#) objects.

~~~~~

➤ [GetCreditCardTypes](#):

To retrieve list of credit card types. Click on [Sample Code](#) link to view an example.

Return Value:



ListOf [CreditCardTypes](#) objects.

~~~~~

#### ➤ [GetCustomerByCredentials](#):

To get customer by its Credentials. Click on [Sample Code](#) link to view an example.

### Input Parameters:

|                                                                                   | Member   | Data Type | Required | Description                |
|-----------------------------------------------------------------------------------|----------|-----------|----------|----------------------------|
|  | Login    | String    | Yes      | Customer Passport Login    |
|  | Password | String    | Yes      | Customer Passport Password |

### Return Value:



Returns [Customer](#) object.

~~~~~

➤ [GetDomainCycles](#):

To get list of Billing Cycles for given TLD and payment group. Click on [Sample Code](#) link to view an example.

Input Parameters:

	Member	Data Type	Required	Description
	TLDId	Integer	Yes	Service TLD Identifier
	PaymentGroupId	Integer	Yes	Payment Group Identifier

Return Value:


ListOf [BillingCycle](#) objects.

~~~~~

➤ [GetExchangeMailboxUsageReport](#):

To get Exchange Mailbox usage report. Click on [Sample Code](#) link to view an example.

Input Parameters:

|                                                                                   | Member | Data Type                         | Required | Description                                                                                                                     |
|-----------------------------------------------------------------------------------|--------|-----------------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------|
|  | RC     | <a href="#">ReportingCriteria</a> | Yes      | <a href="#">ReportingCriteria</a> object (specify available properties to set criteria to filter records else leave them blank) |

Return Value:









ListOf [MailboxUsageReport](#) objects.
















~~~~~\*\*\*\*\*~~~~~

- [MailboxUsageReport Class](#)

Public class to represent and hold data for Exchange Mailbox Usage report records.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|------------------|-----------------------------|----------|---|
|  | CompanyName | String | | Read-only property to represent Company name of the customer |
|  | OrganizationName | String | | Read-only property to represent Organization name |
|  | CustomerName | String | | Read-only property to represent Customer name |
|  | CustomerNumber | String | | Read-only property to represent Custom number assigned by Provider/reseller |
|  | CustomerID | Integer | | Read-only property to represent Customer identifier |
|  | SoldPackage | String | | Read-only property to represent associated sold package name of the subscription |
|  | Owner | String | | Read-only property to represent owner name of the Customer |
|  | EntityType | EntityTypes | | Read only property to get EntityTypes (Inherited from BusinessObjectEntityBase.) |

| | | | | |
|---|---------------------------------|---------|--|--|
|  | Mailbox | String | | Read-only property to represent mailbox information |
|  | MAPIAccessAllowed | Boolean | | Read-only property to represent whether MAPI access is allowed or not. |
|  | OutlookLicenseEnabled | Boolean | | Read-only property to represent whether Outlook license enabled or not. |
|  | IsEduDiscountPackage | Boolean | | Read-only property to represent whether Mailbox is created with education discount package or not. |
|  | POP3AccessAllowed | Boolean | | Read-only property to represent whether POP3 access is allowed or not |
|  | IMAPAccessAllowed | Boolean | | Read-only property to represent whether IMAP access is allowed or not. |
|  | ExchangeActiveSyncAccessAllowed | Boolean | | Read-only property to represent whether Exchange Active Sync is allowed or not. |
|  | OWA_OR_HTTPAccessAllowed | Boolean | | Read-only property to represent whether OWA or Http access is allowed or not. |
|  | UnifiedMessagingAllowed | Boolean | | Read-only property to represent whether UM access is allowed or not. |
|  | ArchivingEnabled | Boolean | | Read-only property to represent whether Archiving is enabled or not. |
|  | JournalingAllowed | Boolean | | Read-only property to represent whether Journaling is allowed or not. |
|  | MailboxType | String | | Read-only property to represent Mailbox type such as user, room, equipment, linked and shared |
|  | IsDisabled | Boolean | | Read-only property to represent whether mailbox is disabled or not |
|  | MicrosoftSPLAType | String | | Read-only property to represent Microsoft SPLA type for mailbox such as basic, standard, standard plus, enterprise and enterprise plus |
|  | MailboxTemplate | String | | Read-only property to represent whether provider |


| | | | | |
|---|---------------------------|----------|--|--|
| | | | | defined mailbox template applied |
|  | IssueWarningAtInMB | String | | Read-only property to represent mailbox size limit in MB for Issuing warning at |
|  | ProhibitSendAtInMB | String | | Read-only property to represent mailbox size limit in MB to Prohibit send |
|  | ProhibitSendReceiveAtInMB | String | | Read-only property to represent mailbox size limit in MB to Prohibit send and receive both |
|  | SizeInMB | String | | Read-only property to represent mailbox size limit in MB. |
|  | MailboxUsageInMB | String | | Read-only property to represent mailbox actual size. E.g. used size |
|  | LastUpdated | DateTime | | Read-only property to represent mailbox usage data update date stamp |
|  | DateCreated | DateTime | | Read-only property to represent mailbox creation date stamp |
|  | IsBlackBerry4_1Activated | Boolean | | Read-only property to represent whether Blackberry v4.1 is activated for mailbox |
|  | IsBlackBerry5Activated | Boolean | | Read-only property to represent whether Blackberry v5.0 is activated for mailbox |
|  | IsBlackBerry10Activated | Boolean | | Read-only property to represent whether Blackberry v10.0 is activated for mailbox |

~~~~~\*\*\*\*\*~~~~~

➤ [GetExchangeOrganizationUsageReport:](#)

To get Exchange Organization usage report. Click on [Sample Code](#) link to view an example.

Input Parameters:

|                                                                                     | Member | Data Type                         | Required | Description                                                                                                                     |
|-------------------------------------------------------------------------------------|--------|-----------------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------|
|  | RC     | <a href="#">ReportingCriteria</a> | Yes      | <a href="#">ReportingCriteria</a> object (specify available properties to set criteria to filter records else leave them blank) |

## Return Value:

ListOf [ExchangeUsageReport](#) objects.









~~~~~\*\*\*\*\*~~~~~

- [ExchangeUsageReport Class](#)

Public child class to represent and hold data for Exchange organization usage report.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|----------------------|-----------------------------|----------|---|
|  | CompanyName | String | | Read-only property to represent Company name of the customer |
|  | OrganizationName | String | | Read-only property to represent Organization name |
|  | CustomerName | String | | Read-only property to represent Customer name |
|  | CustomerNumber | String | | Read-only property to represent Custom number assigned by Provider/reseller |
|  | CustomerID | Integer | | Read-only property to represent Customer identifier |
|  | SoldPackage | String | | Read-only property to represent associated sold package name of the subscription |
|  | Owner | String | | Read-only property to represent owner name of the Customer |
|  | EntityType | EntityTypes | | Read only property to get EntityTypes (Inherited from BusinessObjectEntityBase.) |
|  | IsEduDiscountPackage | Boolean | | Read-only property to represent whether Mailbox is created with education discount package or not. |
|  | Mailboxes | String | | Read-only property to represent number of mailboxes with their quota limits |
|  | DistributionLists | String | | Read-only property to represent number of distribution lists for current organization |


| | | | | |
|---|-----------------------|----------|--|--|
|  | ContactLists | String | | Read-only property to represent number of contact lists for current organization |
|  | AcceptedDomains | String | | Read-only property to represent number of accepted domains for current organization. |
|  | PublicFolders | String | | Read-only property to represent number of Public Folders for current organization |
|  | WirelessAccounts | String | | Read-only property to represent number of wireless accounts for current organization |
|  | MailBoxUsageInMB | String | | Read-only property to represent mailbox quota usage in MB. |
|  | PublicFolderUsageInMB | String | | Read-only property to represent Public Folder quota usage in MB. |
|  | LastUpdated | DateTime | | Read-only property to represent usage report data update date stamp |
|  | DateCreated | DateTime | | Read-only property to represent organization creation date stamp |

~~~~~\*\*\*\*\*~~~~~

➤ **GetFilteredCreditCards:**

To retrieve list of credit card profiles. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

|                                                                                     | Member | Data Type                                     | Required | Description                                                                                                                                 |
|-------------------------------------------------------------------------------------|--------|-----------------------------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------|
|  | FC     | <a href="#">CreditCardInfo.FilterCriteria</a> | Yes      | <a href="#">CreditCardInfo.FilterCriteria</a> object (specify available properties to set criteria to filter records else leave them blank) |

**Return Value:**







ListOf [CreditCardInfo](#) objects.

~~~~~\*\*\*\*\*~~~~~

- [CreditCardInfo.FilterCriteria Class](#)

Public Class to hold data of filter criteria options for searching the credit card(s).

Input Parameters:

| | Member | Data Type | Required | Description |
|---|--------------|-----------|----------|---|
|  | Card4Digits | String | Yes | To get and set Card4Digits for selection criteria |
|  | CardNumber | String | Yes | To get and set CardNumber for selection criteria |
|  | CardStatus | Integer | Yes | To get and set CardStatus for selection criteria |
|  | CardType | Integer | Yes | To get and set CardType for selection criteria |
|  | CustomerId | Integer | | To get and set Customer identifier for selection criteria |
|  | CustomerName | String | | To get and set Customer Name for selection criteria |

~~~~~\*\*\*\*\*~~~~~

➤ [GetISOCurrencies:](#)

To get list of ISO Currencies. Click on [Sample Code](#) link to view an example.

**Return Value:**






ListOf [CurrencyInfo](#) objects.


~~~~~\*\*\*\*\*~~~~~

- [CurrencyInfo Class](#)

Public class to hold data and perform operations for ISO Currencies.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|-------------------|-----------|----------|---|
|  | CurrencyId | Integer | | Read Only property to represent Currency Identifier |
|  | CurrencyName | String | | Read Only property to represent Currency Name |
|  | CurrencyPrecision | String | | Read Only property to represent currency decimal point precision (decimal places) |
|  | CurrencySymbol | String | | Read Only property to represent Currency Symbol |
|  | ISOCurrencyCode | String | | Read Only property to represent ISO Currency Code |



| | | | | |
|---|------------|--------|--|---|
|  | RegionName | String | | Read Only property to represent Currency region |
|---|------------|--------|--|---|

~~~~~

➤ **GetJobStatus:**

To Get Job Status. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

	Member	Data Type	Required	Description
	HostingId	Integer	Yes	Hosting/Subscription identifier
	JobId	String	Yes	Job identifier

**Return Value:**

Returns [ResponseArguments](#) object.

~~~~~

➤ **GetLocales:**

To get list of locales. Click on [Sample Code](#) link to view an example.

Return Value:



ListOf [LocaleInfo](#) objects.

~~~~~

➤ **GetLyncAddOnPolicies:**

To Get Lync Sold Add-on Policies. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

	Member	Data Type	Required	Description
	HostingId	Integer	Yes	Hosting/Subscription identifier
	SoldAddOnId	Integer	Yes	Sold Add-on identifier

**Return Value:**














Returns [Policies](#) object.

~~~~~

- **Policies Struct**

Serializable class to hold Lync plan/add-on policies data.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|-----------------------|----------------------------------|----------|--|
|  | ArchivingPolicy | String | | To represent Archiving Policy |
|  | ClientPolicy | String | | To represent Client Policy |
|  | ClientVersionPolicy | String | | To represent Client Version Policy |
|  | ConferencingPolicy | String | | To represent Conferencing Policy |
|  | DialPlan | String | | To represent Dial Plan |
|  | ExternalAccessPolicy | String | | To represent External Access Policy |
|  | LocationPolicy | String | | To represent Location Policy |
|  | MobilityPolicy | String | | To represent Mobility Policy |
|  | PersistentChatEnabled | Boolean | | To represent Persistent chat is enabled or not |
|  | PersistentChatPolicy | String | | To represent Persistent Chat Policy |
|  | PinPolicy | String | | To represent Pin Policy |
|  | TelephonyOption | TelephonyOptions | | To represent TelephonyOptions |
|  | VoicePolicy | String | | To represent Voice Policy |

~~~~~

- [TelephonyOptions Enum](#)

```

/// <summary>
/// Enum ofr Lync Telephony Options.
/// </summary>
public enum TelephonyOptions : int
{
    AudioOrVideo_Disabled = 0,
    PC_To_PC_Only = 1,
    Enterprise_Voice = 2,
    Remote_Call_Control = 3,
    Remote_Call_Control_Only = 5
}



```

~~~~~

- [GetLyncAddonResources:](#)

To Get Lync Sold Add-on Resources. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|-------------|-----------|----------|---------------------------------|
|  | HostingId | Integer | Yes | Hosting/Subscription identifier |
|  | SoldAddonId | Integer | Yes | Sold Add-on identifier |

Return Value:





ListOf [ResourceInfo](#) objects.

~~~~~

- [ResourceInfo Class](#)

Serializable class to represent resource information.

### Input Parameters:


	Member	Data Type	Required	Description
	ResourceId	Integer		To represent resource identifier
	ResourceName	String		To represent resource name
	ResourceQuantity	String		To represent resource quantity assigned
	ResourceUnit	String		To represent resource unit

~~~~~

➤ [GetLyncOrganizationUsageReport:](#)

To get Lync Organization usage report. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|--------|-----------------------------------|----------|---|
|  | RC | ReportingCriteria | Yes | ReportingCriteria object (specify available properties to set criteria to filter records else leave them blank) |

Return Value:

ListOf [LyncUsageReport](#) objects.




~~~~~



- [LyncUsageReport Class](#)

Public child class to represent and hold data for Lync organization usage report.


**Input Parameters:**

	Member	Data Type	Required	Description
	CompanyName	String		Read-only property to represent Company name of the customer
	OrganizationName	String		Read-only property to represent Organization name
	CustomerName	String		Read-only property to represent Customer name
	CustomerNumber	String		Read-only property to represent Custom number assigned by Provider/reseller
	CustomerID	Integer		Read-only property to represent Customer identifier
	SoldPackage	String		Read-only property to represent associated sold package name of the subscription
	Owner	String		Read-only property to represent owner name of the Customer
	EntityType	<a href="#">EntityTypes</a>		Read only property to get <a href="#">EntityTypes</a> (Inherited from <a href="#">BusinessObjectEntityBase</a> .)
	TotalDomains	Integer		Read-only property to represent count of total Lync active domains.
	TotalUsers	Integer		Read-only property to represent count of total Lync active users.
	PhoneNumbersUsed	Integer		Read-only property to represent count of total phone numbers used by Lync organization
	UsageUpdatedDate	DateTime		Read-only property to represent usage last update date and time for Lync organization
	DateCreated	DateTime		Read-only property to represent Lync organization creation date stamp

~~~~~  
➤ **GetLyncPackageAndAddonsForNewUserAssignment:**

To Get Lync Package and Add-on IDs and Names for New User. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|---------------|------------------|-----------------|-------------------------------------|
|  | HostingId | Integer | Yes | The Hosting/Subscription identifier |


Return Value:

[PlanAndAddons](#) List of all available Packages/Add-ons identifier and names.
~~~~~

➤ **GetLyncPhoneGroup:**

To Get Lync Phone Group of Customer. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

	<b>Member</b>	<b>Data Type</b>	<b>Required</b>	<b>Description</b>
	CustomerId	Integer	Yes	Customer identifier

**Return Value:**

Returns [PhoneGroup](#) object.  
~~~~~

➤ **GetLyncPhoneGroups:**

To Get Lync Phone Groups. Click on [Sample Code](#) link to view an example.


Return Value:

ListOf [PhoneGroup](#) objects.
~~~~~

➤ **GetLyncPhoneNumbers:**

To Get Lync Phone Numbers of a Phone Group. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

	<b>Member</b>	<b>Data Type</b>	<b>Required</b>	<b>Description</b>
	PhoneGroupId	Integer	Yes	Phone group identifier


### Return Value:

ListOf [PhoneGroup.PhoneNumbers](#) objects.

#### ➤ [GetLyncPhoneNumbersForAssignment](#):

To Get Available Lync Phone Numbers for New User. Click on [Sample Code](#) link to view an example.

### Input Parameters:

	Member	Data Type	Required	Description
	HostingId	Integer	Yes	The Hosting/Subscription identifier


### Return Value:

ListOf [PhoneGroup.PhoneNumbers](#) objects.

#### ➤ [GetLyncSoldAddons](#):

To Get Lync Sold Add-ons. Click on [Sample Code](#) link to view an example.

### Input Parameters:

	Member	Data Type	Required	Description
	HostingId	Integer	Yes	The Hosting/Subscription identifier




### Return Value:












ListOf [SoldAddonInfo](#) objects.

- [SoldAddonInfo Class](#)

Serializable class to represent Subscription information.

### Input Parameters:

	Member	Data Type	Required	Description
	AddonId	Integer	Yes	To represent sold add-on identifier
	BillingCycleId	Integer	Yes	To represent billing cycle identifier
	Comments	String		To represent textual comments if there are any associated with a subscription


	CustomerID	Integer		To represent Customer identifier
	HostingTypeId	Integer		To represent Hosting/Package/Service Type Identifier
	LastRenewal	DateTime		To represent Subscription Last Renewal Date
	NextRenewal	DateTime		To represent Subscription Next Renewal Date
	PlanAddon	Boolean		To represent Plan add-on or un-managed add-on
	Quantity	Integer		To represent sold quantity
	SalesAgentId	Integer		To represent Sales Agent identifier whose ID was used for subscribing a service.
	SignupDate	DateTime		To represent Subscription Sign-Up Date
	SoldAddonId	Integer		To represent sold add-on identifier
	SoldToHostingId	Integer		To represent Hosting Identifier to which Add-on is subscribed
	Status	<a href="#">ServiceStatus</a>		To represent <a href="#">ServiceStatus</a> value for Add-on subscriptions status

~~~~~\*\*\*\*\*

➤ [GetLyncSubscriptionPolicies](#):

To Get Lync Subscription Policies. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|-----------|-----------|----------|-------------------------------------|
|  | HostingId | Integer | Yes | The Hosting/Subscription identifier |

Return Value:


Returns [Policies](#) object.

~~~~~\*\*\*\*\*

➤ [GetLyncSubscriptionResources](#):

To Get Lync Subscription Resources. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

|                                                                                   | Member    | Data Type | Required | Description                        |
|-----------------------------------------------------------------------------------|-----------|-----------|----------|------------------------------------|
|  | HostingId | Integer   | Yes      | The Hosting/Subsription identifier |



**Return Value:**

ListOf [ResourceInfo](#) objects.

➤ [GetLyncUser](#):

To Get Lync User Details. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

|                                                                                   | Member     | Data Type | Required | Description                        |
|-----------------------------------------------------------------------------------|------------|-----------|----------|------------------------------------|
|  | HostingId  | Integer   | Yes      | The Hosting/Subsription identifier |
|  | LyncUserId | Integer   | Yes      | Lync user identifier               |


**Return Value:**

Returns [LyncUser](#) object.

➤ [GetLyncUserUsageReport](#):

To get Lync User usage report. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

|                                                                                     | Member | Data Type                         | Required | Description                                                                                                                     |
|-------------------------------------------------------------------------------------|--------|-----------------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------|
|  | RC     | <a href="#">ReportingCriteria</a> | Yes      | <a href="#">ReportingCriteria</a> object (specify available properties to set criteria to filter records else leave them blank) |

**Return Value:**

















ListOf [LyncUserUsageReport](#) objects.









- [LyncUserUsageReport Class](#)

Public child class to represent and hold data for Lync users usage report.

**Input Parameters:**

|  | Member | Data Type | Required | Description |
|--|--------|-----------|----------|-------------|
|--|--------|-----------|----------|-------------|

|                                                                                     |                      |                             |  |                                                                                                                   |
|-------------------------------------------------------------------------------------|----------------------|-----------------------------|--|-------------------------------------------------------------------------------------------------------------------|
|    | CompanyName          | String                      |  | Read-only property to represent Company name of the customer                                                      |
|    | OrganizationName     | String                      |  | Read-only property to represent Organization name                                                                 |
|    | CustomerName         | String                      |  | Read-only property to represent Customer name                                                                     |
|    | CustomerNumber       | String                      |  | Read-only property to represent Custom number assigned by Provider/reseller                                       |
|    | CustomerID           | Integer                     |  | Read-only property to represent Customer identifier                                                               |
|    | SoldPackage          | String                      |  | Read-only property to represent associated sold package name of the subscription                                  |
|    | Owner                | String                      |  | Read-only property to represent owner name of the Customer                                                        |
|    | EntityType           | <a href="#">EntityTypes</a> |  | Read only property to get <a href="#">EntityTypes</a> (Inherited from <a href="#">BusinessObjectEntityBase.</a> ) |
|   | LyncUser             | String                      |  | Read-only property to represent Lync user name and SIP address                                                    |
|  | PhoneNumber          | String                      |  | Read-only property to represent Lync user phone number                                                            |
|  | DialPlan             | String                      |  | Read-only property to represent Lync user dial plan                                                               |
|  | ConferencingPolicy   | String                      |  | Read-only property to represent Lync user conferencing Policy                                                     |
|  | ClientVersionPolicy  | String                      |  | Read-only property to represent Lync user client version policy                                                   |
|  | PinPolicy            | String                      |  | Read-only property to represent Lync user PIN Policy                                                              |
|  | ArchivingPolicy      | String                      |  | Read-only property to represent Lync user Archiving Policy                                                        |
|  | ExternalAccessPolicy | String                      |  | Read-only property to represent Lync user external access policy                                                  |
|  | LocationPolicy       | String                      |  | Read-only property to represent Lync user location policy                                                         |


|                                                                                   |                      |          |  |                                                                              |
|-----------------------------------------------------------------------------------|----------------------|----------|--|------------------------------------------------------------------------------|
|  | ClientPolicy         | String   |  | Read-only property to represent Lync user client policy                      |
|  | VoicePolicy          | String   |  | Read-only property to represent Lync user voice policy                       |
|  | MobilityPolicy       | String   |  | Read-only property to represent Lync user mobility policy                    |
|  | PersistentChatPolicy | String   |  | Read-only property to represent Lync user Persistent Chat policy             |
|  | IsChatEnabled        | Boolean  |  | Read-only property to represent whether chat is enabled for Lync user or not |
|  | MicrosoftSPLAType    | String   |  | Read-only property to represent Lync user SPLA Type                          |
|  | TelephonyOption      | String   |  | Read-only property to represent Lync user Telephony options                  |
|  | DateCreated          | DateTime |  | Read-only property to represent Lync user creation date stamp                |

~~~~~\*\*\*\*\*

➤ [GetLyncUsers:](#)

To Get Lync Users Summary. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|-----------|-----------|----------|-------------------------------------|
|  | HostingId | Integer | Yes | The Hosting/Subscription identifier |

Return Value:

ListOf [LyncUserSummary](#) objects.

~~~~~\*\*\*\*\*

- [LyncUserSummary Class](#)

Public Class to get Lync User Summary.

**Input Parameters:**

|  | Member | Data Type | Required | Description |
|--|--------|-----------|----------|-------------|
|--|--------|-----------|----------|-------------|

|                                                                                     |                  |          |  |                                                                                                                                                |
|-------------------------------------------------------------------------------------|------------------|----------|--|------------------------------------------------------------------------------------------------------------------------------------------------|
|    | DateCreated      | DateTime |  | To represent user creation Date stamp                                                                                                          |
|    | DisplayName      | String   |  | To represent Lync user display name                                                                                                            |
|    | Email            | String   |  | To represent Lync user Email                                                                                                                   |
|    | IsLinkedUser     | Boolean  |  | To mark Lync user as Linked                                                                                                                    |
|    | IsPrivateLineURI | Boolean  |  | To mark Line URI as private if true                                                                                                            |
|    | LineServerURI    | String   |  | To represent Line Server URI                                                                                                                   |
|    | LineURI          | String   |  | To represent Line URI (phone number)                                                                                                           |
|    | LineURIExt       | String   |  | To represent Line URI extension                                                                                                                |
|    | LyncUserID       | Integer  |  | To represent Lync user identifier                                                                                                              |
|    | Notes            | String   |  | To represent Notes                                                                                                                             |
|   | ObjectSID        | String   |  | To represent the object SID in case of linked user                                                                                             |
|  | PackageOrAddonId | String   |  | To represent Package or Add-on identifier                                                                                                      |
|  | SAMAccountName   | String   |  | To represent SAM Account name                                                                                                                  |
|  | SIPAddress       | String   |  | To represent SIP address                                                                                                                       |
|  | Status           | Integer  |  | Status= 0 User Disabled, Status = 1 User Enabled/Active, Status = 2 Pending Setup (Bulk User Case), Status = 3 (Group Action being performed.) |
|  | UPN              | String   |  | To represent user principal name                                                                                                               |
|  | UserLDAPUrl      | String   |  | To represent user LDAP URL                                                                                                                     |




~~~~~\*\*\*\*\*~~~~~

➤ [GetOrganizationalUnits:](#)

To get list of Hosted Organizational Units. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|--|---------------|------------------|-----------------|--------------------|
|--|---------------|------------------|-----------------|--------------------|

| | | | | |
|---|---------------|---------|-----|-------------------------|
|  | CustomerId | Integer | Yes | Customer identifier |
|  | PlanId | Integer | Yes | Service Plan identifier |
|  | ServiceTypeld | Integer | Yes | Service Type identifier |

Return Value:






ListOf [OrganizationalUnit](#) objects.

~~~~~

➤ **GetOrgUnits:**

To get list of Hosted Organizational Units by provided organization name, customer id, customer name, customer company name and domain name. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

	Member	Data Type	Required	Description
	OrgName	String		Organization name
	CustomerId	Integer		Customer Id
	CustomerName	String		Customer name
	CustomerCompanyName	String		Customer company name
	DomainName	String		Domain name

**Return Value:**


ListOf [OrganizationalUnitDetail](#) objects.

~~~~~

➤ **CreateOrganizationalUnit:**

Creates Hosted Organizational Unit. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|--------|--|----------|-----------------------------------|
|  | OU | OrganizationalUnitDetail | Yes | Organizational Unit Detail object |

Return Value:


Returns [ResponseArguments](#) object.

~~~~~

➤ **UpdateOrganizationalUnit:**

Updates Hosted Organizational Unit. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

	Member	Data Type	Required	Description
	OU	<a href="#">OrganizationalUnitDetail</a>	Yes	Organizational Unit object

**Return Value:**


Returns [ResponseArguments](#) object.

~~~~~

➤ **RemoveOrganizationalUnit:**

Updates Hosted Organizational Unit. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|-------------|-----------|----------|--------------------------------|
|  | HostedOrgId | Integer | Yes | Organizational Unit Identifier |

Return Value:




Returns [ResponseArguments](#) object.





~~~~~

- **OrganizationalUnit Class**

Public class type to represent Active Directory Organizational Unit Entity.

**Input Parameters:**

	Member	Data Type	Required	Description
	ADDomainId	Integer		Read Only Active Directory DomainId to which current Organization belongs to
	Item[Int32]	String		Read Only Index To return UPN Suffix at specified index associated with current Organizational Unit
	OrganizationId	Integer		To represent OU identifier












	OrganizationInternalName	String		To represent OU internal name
	OrganizationName	String		To represent OU name
	UPNSuffixes	List<String>		Read Only property as array of string UPNSuffixes associated with current organizational unit
	UsersList	List< <a href="#">ActiveDirectoryUser</a> >		To represent list of <a href="#">ActiveDirectoryUser</a> in an OU







~~~~~\*\*\*\*\*~~~~~

- [OrganizationalUnitDetail Class](#)

Public class type to represent Active Directory Organizational Unit Detail Entity.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|-----------------------|-----------------------------|----------|---|
|  | ActiveDirectoryDomain | String | | To represent Active Directory Domain name |
|  | CustomerId | Integer | | To represent Customer identifier |
|  | CustomerName | String | | To represent Customer name |
|  | CustomerCompanyName | String | | To represent customer company name |
|  | ParentOULDAP | String | | To represent Parent OU LDAP |
|  | Address | String | | To represent Address |
|  | City | String | | To represent City |
|  | State | String | | To represent State |
|  | Zip | String | | To represent Zip of OU |
|  | Country | CountryInfo | | To represent Country Info object |
|  | Description | String | | To represent Description of OU |




| | | | | |
|---|-----------------|--------------------------------------|--|---|
|  | ADSyncEnabled | Boolean | | To indicate whether ADSync is enabled for the OU or not |
|  | ADSyncTemplate | String | | To represent ADSync template name |
|  | UsersCount | Integer | | To represent total count of Active Directory users |
|  | EnabledServices | List< ServiceTypes > | | To represent Enabled services for the OU |
|  | OrgGUID | GUID | | To represent GUID of OU |
|  | OrgLDAP | String | | To represent Organization LDAP |

~~~~~\*\*\*\*\*~~~~~

- [GetPlansByPaymentGroup:](#)

To get List of Service Plans defined for current company and service type. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

|                                                                                     | Member         | Data Type | Required | Description                                                  |
|-------------------------------------------------------------------------------------|----------------|-----------|----------|--------------------------------------------------------------|
|  | ServiceTypeId  | Integer   | Yes      | Service Type identifier                                      |
|  | PaymentGroupId | String    | Yes      | Payment Group identifier                                     |
|  | ResellerPlans  | Boolean   | Yes      | To indicate whether to list reseller plans or customer plans |

**Return Value:**


ListOf [HostingPlan](#) objects.








~~~~~\*\*\*\*\*~~~~~

- [HostingPlan Class](#)

Public class to hold common data and perform common operations for Service Plans for Hosting Services.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|-----------------|-----------|----------|--|
|  | AssociateDomain | Boolean | | Read Only property to represent Associated Domain flag of Service Plan |



| | | | | |
|---|-------------------|--------------------------------------|--|---|
|  | IsActive | Boolean | | Read Only Property to represent Service Plan Status |
|  | IsProrated | Boolean | | Read Only Property to represent Prorated billing flag of Service Plan |
|  | PlanId | Integer | | To represent service plan identifier |
|  | PlanLocales | List< LocaleInfo > | | Read Only Property to represent list of Locales associated with Service Plan |
|  | PlanName | String | | Read Only property to represent Plan Name |
|  | PlanPaymentGroups | List< PaymentGroup > | | Read Only property to represent list of PaymentGroup associated with service plan |
|  | PlanServers | List< ServerInfo > | | Read Only property to represent list of ServerInfo servers associated with service plan |

~~~~~\*\*\*\*\*~~~~~

- [ServerInfo Struct](#)

Struct type to represent Server Information.

**Input Parameters:**



|                                                                                     | Member     | Data Type | Required | Description                                       |
|-------------------------------------------------------------------------------------|------------|-----------|----------|---------------------------------------------------|
|  | ServerId   | Integer   |          | Read Only Property to represent Server Identifier |
|  | ServerName | String    |          | Read Only Property to represent server name       |

~~~~~\*\*\*\*\*~~~~~

➤ [GetPlansList:](#)

To get List of Service Plans defined for current company and service type. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|---------------|-----------|----------|--|
|  | ServiceTypeId | Integer | Yes | Service Type identifier |
|  | ResellerPlans | Boolean | Yes | To indicate whether to list reseller plans or customer plans |

Return Value:



ListOf [HostingPlan](#) objects.

~~~~~

#### ➤ GetResellerByCredentials:

To get reseller customer by its Credentials. Click on [Sample Code](#) link to view an example.

### Input Parameters:

	Member	Data Type	Required	Description
	Login	String	Yes	Reseller Passport Login
	Password	String	Yes	Reseller Passport Password

### Return Value:


Returns [ResellerCustomer](#) object.

~~~~~

➤ GetSIPDomains:

To Get Lync SIP Domain. Domain on 1st index is Default. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|-----------|-----------|----------|-------------------------------------|
|  | HostingId | Integer | Yes | The Hosting/Subscription identifier |

Return Value:


ListOf [String](#) items.

~~~~~

#### ➤ GetSharePointOrganizationUsageReport:

To get SharePoint Organization usage report. Click on [Sample Code](#) link to view an example.

### Input Parameters:

	Member	Data Type	Required	Description
	RC	<a href="#">ReportingCriteria</a>	Yes	<a href="#">ReportingCriteria</a> object (specify available properties to set criteria to filter records else leave them blank)

### Return Value:

ListOf [SharePointUsageReport](#) objects.









~~~~~\*\*\*\*\*~~~~~

- [SharePointUsageReport Class](#)

Public child class to represent and hold data for CRM organization usage report.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|------------------|-----------------------------|----------|---|
|  | CompanyName | String | | Read-only property to represent Company name of the customer |
|  | OrganizationName | String | | Read-only property to represent Organization name |
|  | CustomerName | String | | Read-only property to represent Customer name |
|  | CustomerNumber | String | | Read-only property to represent Custom number assigned by Provider/reseller |
|  | CustomerID | Integer | | Read-only property to represent Customer identifier |
|  | SoldPackage | String | | Read-only property to represent associated sold package name of the subscription |
|  | Owner | String | | Read-only property to represent owner name of the Customer |
|  | EntityType | EntityTypes | | Read only property to get EntityTypes (Inherited from BusinessObjectEntityBase.) |
|  | PortalTitle | String | | Read-only property to represent SharePoint portal title |
|  | PortalUrl | String | | Read-only property to represent SharePoint Portal URL |


| | | | | |
|---|------------------|----------|--|--|
|  | StorageAllocated | String | | Read-only property to represent total storage allocated for SharePoint portal |
|  | StorageUsed | String | | Read-only property to represent storage used by SharePoint portal |
|  | UsageUpdateDate | DateTime | | Read-only property to represent date and time for last update of usage of SharePoint portal |
|  | TotalUsers | Integer | | Read-only property to represent total users in SharePoint portal |
|  | ActiveDomains | Integer | | Read-only property to represent active domains of SharePoint portal |
|  | FeaturePack | String | | Read-only property to represent feature pack applied on SharePoint portal [Note: This setting is for only multi-tenant provider] |
|  | LocationPolicy | String | | Read-only property to represent Lync user location policy |
|  | DateCreated | DateTime | | Read-only property to represent SharePoint portal creation date stamp |

~~~~~\*\*\*\*\*~~~~~

➤ [GetSharePointPackageTemplates:](#)

To get List of SharePoint Portal Templates Associated with specific Package. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

|                                                                                     | Member    | Data Type | Required | Description        |
|-------------------------------------------------------------------------------------|-----------|-----------|----------|--------------------|
|  | PackageId | String    | Yes      | Package Identifier |

**Return Value:**



ListOf [PortalTemplates](#) objects.

~~~~~\*\*\*\*\*~~~~~

- [PortalTemplates Class](#)

Public class to hold data for SharePoint portal templates.

Input Parameters:


| | Member | Data Type | Required | Description |
|---|---------------|-----------|----------|--|
|  | TemplateId | String | | Read-only property to represent SharePoint Portal Template ID |
|  | TemplateTitle | String | | Read-only property to represent SharePoint Portal Template Title |

~~~~~\*\*\*\*\*~~~~~

#### ➤ GetStates:

To get List of States of specific country. Click on [Sample Code](#) link to view an example.

### Input Parameters:

|                                                                                   | Member    | Data Type | Required | Description        |
|-----------------------------------------------------------------------------------|-----------|-----------|----------|--------------------|
|  | CountryId | Integer   | Yes      | Country Identifier |

### Return Value:


ListOf [StateInfo](#) objects.

~~~~~\*\*\*\*\*~~~~~

➤ GetSubscriptionsByCriteria:

To get list of all subscriptions filtered by given subscription criteria. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|--------|--------------------------------------|----------|--------------------|
|  | SC | SubscriptionCriteria | Yes | Country Identifier |

Return Value:


ListOf [SubscriptionInfo](#) objects.

~~~~~\*\*\*\*\*~~~~~

- [SubscriptionCriteria Class](#)

Public class to represent subscription criteria used for filtering subscription listing records.

### Input Parameters:





|                                                                                     | Member        | Data Type | Required | Description                                                                                                                                                             |
|-------------------------------------------------------------------------------------|---------------|-----------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | AccountId     | Integer   |          | For Hosting/Service/Account/Subscription Identifier to filter <a href="#">SubscriptionInfo</a> records for. [Note: Leave unassigned if don't want to apply this filter] |
|    | CustomerId    | Integer   |          | For Customer Identifier to filter <a href="#">SubscriptionInfo</a> records for. [Note: Leave unassigned if don't want to apply this filter]                             |
|    | CustomerName  | String    |          | For Customer Name to filter <a href="#">SubscriptionInfo</a> records for. [Note: Leave unassigned if don't want to apply this filter]                                   |
|    | DomainName    | String    |          | For Domain Name to filter <a href="#">SubscriptionInfo</a> records for. [Note: Leave unassigned if don't want to apply this filter]                                     |
|    | PackageTypeId | Integer   |          | For Package/Service/Hosting Type Identifier to filter <a href="#">SubscriptionInfo</a> records for. [Note: Leave unassigned if don't want to apply this filter]         |
|    | Status        | Integer   |          | For <a href="#">ServiceStatus</a> Enum type status to filter <a href="#">SubscriptionInfo</a> records for. [Note: Leave unassigned if don't want to apply this filter]  |
|  | Trail         | Integer   |          | For Trail to filter <a href="#">SubscriptionInfo</a> records for. [Note: Leave unassigned if don't want to apply this filter]                                           |











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- [SubscriptionInfo Class](#)

Serializable class to represent Subscription information.

Input Parameters:

	Member	Data Type	Required	Description
	Comments	String		For textual comments if there are any associated with a subscription
	CompanyName	String		For customer's company name who owns a subscription
	CustomerFirstName	String		For customer's first name who owns a subscription
	CustomerID	Integer		Customer Identifier

	CustomerLastName	String		For customer's last name who owns a subscription
	CustomerNumber	String		For customer's unique identifier assigned by Provider/Reseller
	DomainName	String		For associated domain name of a subscription
	HostingID	Integer		Hosting Identifier [synonym for Subscription Identifier]
	HostingTypeId	Integer		For Hosting/Package/Service Type Identifier
	LastRenewal	DateTime		DateTime value for Subscription Last Renewal Date
	NextRenewal	DateTime		DateTime value for Subscription Next Renewal Date
	PackageName	String		For associated Package name of a subscription
	SignupDate	DateTime		DateTime value for Subscription Signup Date
	Status	ServiceStatus		For ServiceStatus Enum type status

~~~~~

➤ **GetTLDCategories:**

To get TLD Categories. Click on [Sample Code](#) link to view an example.

**Return Value:**



ListOf [TLDCategories](#) objects.

~~~~~

- **TLDCategories Class**

Public class to represent TLD categories.

Input Parameters:

	Member	Data Type	Required	Description
	CatDisplayField	String		Read-only property to represent display of category
	CatValueField	String		Read-only property to represent value data of category

~~~~~

➤ **GetTLDLegalTypes:**  
 To get TLD Legal Types. Click on [Sample Code](#) link to view an example.



**Return Value:**

ListOf [TLDLegalTypes](#) objects.

~~~~~\*\*\*\*\*~~~~~

- [TLDLegalTypes Class](#)
 Public class to represent TLD legal types.




Input Parameters:

| | Member | Data Type | Required | Description |
|---|-----------------------|-----------|----------|--|
|  | LegalTypeDisplayField | String | | Read-only property to represent display of legal type |
|  | LegalTypeValueField | String | | Read-only property to represent value data of legal type |

~~~~~\*\*\*\*\*~~~~~

➤ **GetTLDPrice:**  
 To get TLD Price. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

|                                                                                     | Member         | Data Type | Required | Description              |
|-------------------------------------------------------------------------------------|----------------|-----------|----------|--------------------------|
|  | TLDId          | Integer   | Yes      | TLD Identifier           |
|  | PaymentGroupId | Integer   | Yes      | Payment group Identifier |
|  | CycleId        | Integer   | Yes      | Billing cycle Identifier |

**Return Value:**









Returns [TLDPriceInfo](#) object.

~~~~~\*\*\*\*\*~~~~~

- [TLDPriceInfo Class](#)
 Public class to hold data and perform operations for Top Level Domain pricing settings.

Input Parameters:

| | Member | Data Type | Required | Description |
|--|--------|-----------|----------|-------------|
|--|--------|-----------|----------|-------------|

| | | | | |
|---|------------------------|---------|--|---|
|  | CommissionInPercentage | Double | | Read Only Property to get Reseller Commission in Percentage for a Billing Cycle |
|  | Discount | Double | | Read-only property to represent discount for TLD |
|  | MarkupInPercentage | Double | | Read Only Property to get Reseller markup in Percentage for a Billing Cycle |
|  | Price | Double | | Read Only Property to get TLD price |
|  | RenewalPrice | Double | | Read Only Property to get TLD renewal price |
|  | ResellerNetIncome | Double | | Read Only Property to get Reseller income for a Billing Cycle |
|  | TldID | Integer | | Read Only Property to get TLD identifier |
|  | TransferPrice | Double | | Read Only Property to get transfer price |

~~~~~\*\*\*\*\*~~~~~

➤ **GetTLDPurpose:**

To get TLD Purposes. Click on [Sample Code](#) link to view an example.



**Return Value:**

ListOf [TLDPurpose](#) objects.

~~~~~\*\*\*\*\*~~~~~

- [TLDPurpose Class](#)
Public class to represent TLD purpose.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|------------------|------------------|-----------------|--|
|  | PurpDisplayField | String | | Read only property to represent display data for purpose |
|  | PurpValueField | String | | Read only property to represent value data for purpose |

~~~~~\*\*\*\*\*~~~~~

➤ **GetTLDs:**

To get list of Domain TLDs. Click on [Sample Code](#) link to view an example.

**Return Value:**







ListOf [TLDInfo](#) objects.

~~~~~\*\*\*\*\*~~~~~

- **TLDInfo Class**

Public class to hold data and perform operations for Top Level Domains saved in database.

Input Parameters:


| | Member | Data Type | Required | Description |
|---|------------------|--------------------------------------|-----------------|--|
|  | IsTransferable | Boolean | | Read only property to get whether TLD is transferable or not |
|  | RegistrarId | Integer | | Read only property to get registrar identifier |
|  | RegistrarName | String | | Read only property to get registrar name |
|  | TLDId | Integer | | Read only property to get TLD identifier |
|  | TLDName | String | | Read only property to get TLD name |
|  | TIDPaymentGroups | List< PaymentGroup > | | Read only property to get list of PaymentGroup |

~~~~~\*\*\*\*\*~~~~~

➤ **GetTLDsByPaymentGroup:**

To get list of Domain TLDs. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

|                                                                                     | <b>Member</b>  | <b>Data Type</b> | <b>Required</b> | <b>Description</b>       |
|-------------------------------------------------------------------------------------|----------------|------------------|-----------------|--------------------------|
|  | PaymentGroupId | Integer          | Yes             | Payment group Identifier |

**Return Value:**


ListOf [TLDInfo](#) objects.

~~~~~\*\*\*\*\*~~~~~

➤ **GetTaxationSettings:**

To get Tax Settings for current company and given customer. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|------------|-----------|----------|---------------------|
|  | CustomerId | Integer | Yes | Customer Identifier |

Return Value:









ListOf [TaxationSettings](#) objects.





~~~~~\*\*\*\*\*~~~~~

- [TaxationSettings Class](#)

Public class to hold data and perform operations for the tax(es) applied to the invoice and/or subscription services.

**Input Parameters:**

|                                                                                     | Member             | Data Type                         | Required | Description                                                                                                       |
|-------------------------------------------------------------------------------------|--------------------|-----------------------------------|----------|-------------------------------------------------------------------------------------------------------------------|
|   | CompanyTaxDisabled | Boolean                           |          | Read only property to get Tax flag for the company                                                                |
|  | CustomerTaxable    | Boolean                           |          | Read only property to get Tax flag for the customer                                                               |
|  | EntityType         | <a href="#">EntityTypes</a>       |          | Read only property to get <a href="#">EntityTypes</a> (Inherited from <a href="#">BusinessObjectEntityBase.</a> ) |
|  | IsActive           | Boolean                           |          | Read only property to get Taxation status flag for the company                                                    |
|  | IsTax2Compound     | Boolean                           |          | Read only property to get Tax2 compound flag of the company                                                       |
|  | OperationArgs      | <a href="#">ResponseArguments</a> |          | Read only property to return Response Arguments (Inherited from <a href="#">BusinessObjectEntityBase.</a> )       |
|  | Tax2Method         | <a href="#">TaxationMethods</a>   |          | Read only property to get <a href="#">TaxationMethods</a> for 2 <sup>nd</sup> level tax of company                |
|  | Tax2Rate           | Double                            |          | Read only property to get 2 <sup>nd</sup> level tax rate                                                          |

|                                                                                   |           |                                 |  |                                                                                                    |
|-----------------------------------------------------------------------------------|-----------|---------------------------------|--|----------------------------------------------------------------------------------------------------|
|  | Tax2Title | String                          |  | Read only property to get 2 <sup>nd</sup> level tax title                                          |
|  | TaxMethod | <a href="#">TaxationMethods</a> |  | Read only property to get <a href="#">TaxationMethods</a> for 1 <sup>st</sup> level tax of company |
|  | TaxRate   | Double                          |  | Read only property to get 1 <sup>st</sup> level tax rate                                           |
|  | TaxTitle  | String                          |  | Read only property to get 1 <sup>st</sup> level tax title                                          |

~~~~~\*\*\*\*\*~~~~~

- [TaxationMethods Enum](#)

```

/// <summary>
/// Enum type for Taxation methods for applying tax to invoice(s)
/// </summary>
public enum TaxationMethods
{
    /// <summary>
    /// Integer value for Percentage taxation method
    /// </summary>
    Percentage = 0,
    /// <summary>
    /// Integer value for Amount taxation method
    /// </summary>
    Amount = 1
}


```

~~~~~\*\*\*\*\*~~~~~

- [LoginExists:](#)

To check whether an account with given login already exists or not. . Click on [Sample Code](#) link to view an example.

**Input Parameters:**

|                                                                                     | Member | Data Type | Required | Description                       |
|-------------------------------------------------------------------------------------|--------|-----------|----------|-----------------------------------|
|  | Login  | String    | Yes      | Account login as an email address |

**Return Value:**




Returns [Boolean](#) value.

~~~~~\*\*\*\*\*~~~~~

- [ResetCustomerPassword:](#)

To reset customer/reseller password. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|-------------|-----------|----------|--|
|  | LoginName | String | Yes | Passport login for customer/reseller |
|  | NewPassword | String | Yes | New Passport password to set for customer/reseller |
|  | IsReseller | Boolean | Yes | To determine reseller |

Return Value:



Returns "[ResponseArguments](#)" Object.

~~~~~\*\*\*\*\*~~~~~

#### ➤ [ResetEmployeePassword](#):

To reset employee password. Click on [Sample Code](#) link to view an example.

### Input Parameters:

|                                                                                     | Member      | Data Type | Required | Description                               |
|-------------------------------------------------------------------------------------|-------------|-----------|----------|-------------------------------------------|
|   | LoginName   | String    | Yes      | Passport login for employee               |
|  | NewPassword | String    | Yes      | New Passport password to set for employee |

### Return Value:



Returns "[ResponseArguments](#)" Object.

~~~~~\*\*\*\*\*~~~~~

➤ [ResetWHMCSUserPassword](#):

To reset WHMCS user password in MachPanel. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|----------|-----------|----------|-----------------------------|
|  | userid | String | Yes | WHMCS user id |
|  | password | String | Yes | New Passport for WHMCS user |



Return Value:

Returns "[ResponseArguments](#)" Object.

➤ [SaveCreditCard:](#)

To save credit card profile. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|----------|--------------------------------|----------|---|
|  | CardId | Integer | Yes | WHMCS user id |
|  | CardInfo | CreditCardInfo | Yes | CreditCardInfo Object to save |






Return Value:

Returns "[ResponseArguments](#)" Object.

➤ [SayHelloToPHP:](#)

To check connectivity with PHP. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|---------------|-----------|----------|---------------------------------|
|  | WServiceId | String | Yes | service identifier |
|  | domainName | String | Yes | Domain name |
|  | WUserId | String | Yes | WHMCS user identifier |
|  | customfields | Object | Yes | Any custom fields to specify |
|  | configoptions | Object | Yes | Configuration option to specify |


Return Value:


Returns "[String](#)" Object.

➤ [SetDefaultSIPDomain:](#)

To Set a SIP Domain as Default. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|-----------|-----------|----------|-------------------------|
|  | HostingId | Integer | Yes | Hosting/subscription id |

| | | | | |
|---|------------|--------|-----|-----------------------------------|
|  | DomainName | String | Yes | SIP Domain name to set as default |
|---|------------|--------|-----|-----------------------------------|

Return Value:




Returns "[ResponseArguments](#)" Object.

~~~~~\*\*\*\*\*~~~~~

#### ➤ [SetLyncSoldAddonPolicies:](#)

To Set Lync Sold Add-on Policies. Click on [Sample Code](#) link to view an example.

### Input Parameters:

|                                                                                   | Member      | Data Type                | Required | Description                        |
|-----------------------------------------------------------------------------------|-------------|--------------------------|----------|------------------------------------|
|  | HostingId   | Integer                  | Yes      | Hosting/subscription id            |
|  | SoldAddonId | Integer                  | Yes      | Sold add-on identifier             |
|  | Policies    | <a href="#">Policies</a> | Yes      | Object of <a href="#">Policies</a> |

### Return Value:




Returns "[ResponseArguments](#)" Object.

~~~~~\*\*\*\*\*~~~~~

➤ [SetLyncAddonResources:](#)

To Set Lync Sold Add-on Resources. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|-------------|--------------------------------------|----------|--|
|  | HostingId | Integer | Yes | Hosting/subscription id |
|  | SoldAddonId | Integer | Yes | Sold add-on identifier |
|  | Resources | List< ResourceInfo > | Yes | List of ResourceInfo Objects |

Return Value:



Returns "[ResponseArguments](#)" Object.

~~~~~\*\*\*\*\*~~~~~

#### ➤ [SetLyncSubscriptionPolicies:](#)

To Set Lync Subscription Policies. Click on [Sample Code](#) link to view an example.

### Input Parameters:

|                                                                                   | Member    | Data Type                | Required | Description                        |
|-----------------------------------------------------------------------------------|-----------|--------------------------|----------|------------------------------------|
|  | HostingId | Integer                  | Yes      | Hosting/subscription id            |
|  | Policies  | <a href="#">Policies</a> | Yes      | Object of <a href="#">Policies</a> |

### Return Value:



Returns "[ResponseArguments](#)" Object.

~~~~~\*\*\*\*\*

➤ [SetLyncSubscriptionResources](#):

To Set Lync Subscription Resources. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|-----------|--------------------------------------|----------|--|
|  | HostingId | Integer | Yes | Hosting/subscription id |
|  | Resources | List< ResourceInfo > | Yes | List of ResourceInfo Objects |

Return Value:



Returns "[ResponseArguments](#)" Object.

~~~~~\*\*\*\*\*

➤ [SetLyncUserPassword](#):

To Set Lync User Password. Click on [Sample Code](#) link to view an example.

### Input Parameters:

|                                                                                     | Member    | Data Type                | Required | Description                     |
|-------------------------------------------------------------------------------------|-----------|--------------------------|----------|---------------------------------|
|  | HostingId | Integer                  | Yes      | Hosting/subscription id         |
|  | LUser     | <a href="#">LyncUser</a> | Yes      | <a href="#">LyncUser</a> Object |

### Return Value:






Returns "[ResponseArguments](#)" Object.

~~~~~\*\*\*\*\*

➤ **SubmitWHMCSOrder:**

To submit WHMCS order in MachPanel. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|--------------|--------------------------|----------|---|
|  | WServiceId | String | Yes | WHMCS tblhosting.id |
|  | WProductId | String | Yes | WHMCS tblproducts.id |
|  | domainName | String | Yes | Domain Name |
|  | C | Customer | Yes | Customer object |
|  | customfields | Object | Yes | Generic object for custom fields defined in WHMCS product custom fields section required in MachPanel for some service types such as SharePoint and CRM |

Return Value:



Returns "[ResponseArguments](#)" Object.

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➤ **SubscribeAddOnHosting:**

To Subscribe Add-on to existing Hosting service. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

|                                                                                     | Member           | Data Type                    | Required | Description                             |
|-------------------------------------------------------------------------------------|------------------|------------------------------|----------|-----------------------------------------|
|  | Hosting          | <a href="#">AddOnHosting</a> | Yes      | Add-On Hosting Data Container           |
|  | SendInvoiceEmail | Boolean                      | Yes      | Whether to send invoice as email or not |

**Return Value:**

Returns "[ResponseArguments](#)" Object.

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- [AddOnHosting Class](#)

Public child class of service hosting base representing Add-On Hosting.

Input Parameters:

| | Member | Data Type | Required | Description |
|--|--------|-----------|----------|-------------|
|--|--------|-----------|----------|-------------|

| | | | | |
|---|----------------------|---|--|---|
|  | AddOnId | Integer | | To represent add-on identifier |
|  | AddOnQuantity | Integer | | To represent selling quantity of an Add-On |
|  | AssociatedAddOns | List< AddOnSubscription > | | List of Add-Ons To Associate with current Subscription request |
|  | Comments | String | | To represent comments for a service if any |
|  | CompanyId | Integer | | To represent company identifier |
|  | CustomerId | Integer | | To represent customer identifier |
|  | CycleId | Integer | | To represent billing cycle identifier |
|  | DomainName | Integer | | To represent domain name associated with service |
|  | EntityType | EntityTypes | | Read only property to get EntityTypes (Inherited from BusinessObjectEntityBase.) |
|  | HasAddOns | Boolean | | To identify whether the subscription has Add-On Associated with it for order |
|  | HostingId | Integer | | Read Only Property to represent Hosting Identifier |
|  | HostingTypeId | Integer | | Read Only Property to represent Hosting Type identifier |
|  | LastRenewal | DateTime | | Read only property to represent Last Renewal date |
|  | LinkedServiceType | ServiceTypes | | ServiceTypes value to represent associated service type of an AddOn |
|  | LinkedSubscriptionId | Integer | | To represent associated subscription/hosting/service account id |
|  | NextRenewal | DateTime | | Read only property to represent Next Renewal date |
|  | OperationArgs | ResponseArguments | | Read only property to return Response Arguments (Inherited from BusinessObjectEntityBase.) |
|  | PackageId | Integer | | To represent Plan/Package Identifier |




| | | | | |
|---|----------------|-------------------------------|--|---|
|  | PaymentGroupId | Integer | | To represent Payment Group Id |
|  | PriceFreezed | Boolean | | To represent whether service price is freeze for subsequent service renewal invoice, if selected false then subsequent renewal invoices will be generated on the package/plan price at the time of generation renewal invoice |
|  | SalesAgentId | Integer | | To represent sales agent Id |
|  | ServerId | Integer | | To represent server identifier |
|  | SignUpDate | DateTime | | To represent Signing Up Date of Service |
|  | Status | ServiceStatus | | ServiceStatus type value to represent Service Status |
|  | WHMCS_UserId | Integer | | To represent WHMCS user Identifier (Only used for WHMCS MachPanel module integration) |
|  | WHMCSHostingId | Integer | | To represent WHMCS hosting Identifier (Only used for WHMCS MachPanel module integration) |



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- [AddOnSubscription Class](#)

Public class to hold data and perform operations for Add-Ons Associated with Hosting Subscription.

**Input Parameters:**

|                                                                                     | <b>Member</b> | <b>Data Type</b> | <b>Required</b> | <b>Description</b>                                                                    |
|-------------------------------------------------------------------------------------|---------------|------------------|-----------------|---------------------------------------------------------------------------------------|
|  | AddOnCycleId  | Integer          |                 | To represent Billing Cycle Identifier for associated Add-On with current subscription |
|  | AddOnId       | Integer          |                 | To represent add-on identifier                                                        |
|  | AddOnQuantity | Integer          |                 | To represent selling quantity of an Add-On                                            |



|                                                                                   |                 |          |  |                                                                             |
|-----------------------------------------------------------------------------------|-----------------|----------|--|-----------------------------------------------------------------------------|
|  | AddOnRenewal    | DateTime |  | To represent next renewal of an Add-On Associated with current subscription |
|  | LinkedPackageId | Integer  |  | To represent Associated packaged identifier for Add-On subscription         |

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➤ [SubscribeCRMHosting](#):

To Subscribe CRM Hosting. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|------------------|----------------------------|----------|---|
|  | Hosting | CRMHosting | Yes | CRM Hosting Data Container |
|  | SendInvoiceEmail | Boolean | Yes | Whether to send invoice as email or not |

Return Value:





Returns "[ResponseArguments](#)" Object.

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













- [CRMHosting Class](#)











Public class to hold data and perform operations for Dynamic CRM Hosting Subscription.

**Input Parameters:**

|                                                                                     | Member         | Data Type | Required | Description                                                                                |
|-------------------------------------------------------------------------------------|----------------|-----------|----------|--------------------------------------------------------------------------------------------|
|  | AdminEmail     | String    |          | To represent CRM Organization Default Administrator Email Address                          |
|  | AdminFirstName | String    |          | To represent CRM Organization Default Administrator First Name                             |
|  | AdminLastName  | String    |          | To represent CRM Organization Default Administrator Last Name                              |
|  | ADUserId       | Integer   |          | To represent active Directory User Identifier Associated with current Subscription request |



|                                                                                     |                         |                                           |  |                                                                                                                   |
|-------------------------------------------------------------------------------------|-------------------------|-------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------|
|    | AssociatedAddOns        | List< <a href="#">AddOnSubscription</a> > |  | List of Add-Ons To Associate with current Subscription request                                                    |
|    | Comments                | String                                    |  | To represent comments for a service if any                                                                        |
|    | CompanyId               | Integer                                   |  | To represent company identifier                                                                                   |
|    | CurrencyId              | Integer                                   |  | To represent which currency is used                                                                               |
|    | CustomerId              | Integer                                   |  | To represent customer identifier                                                                                  |
|    | CycleId                 | Integer                                   |  | To represent billing cycle identifier                                                                             |
|    | DomainName              | Integer                                   |  | To represent domain name associated with service                                                                  |
|    | EntityType              | <a href="#">EntityTypes</a>               |  | Read only property to get <a href="#">EntityTypes</a> (Inherited from <a href="#">BusinessObjectEntityBase.</a> ) |
|    | HasAddOns               | Boolean                                   |  | To identify whether the subscription has Add-On Associated with it for order                                      |
|   | HostingId               | Integer                                   |  | Read Only Property to represent Hosting Identifier                                                                |
|  | HostingTypeId           | Integer                                   |  | Read Only Property to represent Hosting Type identifier                                                           |
|  | LastRenewal             | DateTime                                  |  | Read only property to represent Last Renewal date                                                                 |
|  | LocaleId                | Integer                                   |  | To represent CRM Organization Locale Identifier                                                                   |
|  | NextRenewal             | DateTime                                  |  | Read only property to represent Next Renewal date                                                                 |
|  | OperationArgs           | <a href="#">ResponseArguments</a>         |  | Read only property to return Response Arguments (Inherited from <a href="#">BusinessObjectEntityBase.</a> )       |
|  | OrganizationDisplayName | String                                    |  | To represent organization display name                                                                            |
|  | OrganizationUniqueName  | Integer                                   |  | To represent organization unique name                                                                             |


|                                                                                     |                |                                    |  |                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------|----------------|------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | OU             | <a href="#">OrganizationalUnit</a> |  | To represent <a href="#">OrganizationalUnit</a> associated with service                                                                                                                                                       |
|    | PackageId      | Integer                            |  | To represent Plan/Package Identifier                                                                                                                                                                                          |
|    | PaymentGroupId | Integer                            |  | To represent Payment Group Id                                                                                                                                                                                                 |
|    | PriceFrozen    | Boolean                            |  | To represent whether service price is freeze for subsequent service renewal invoice, if selected false then subsequent renewal invoices will be generated on the package/plan price at the time of generation renewal invoice |
|    | SalesAgentId   | Integer                            |  | To represent sales agent Id                                                                                                                                                                                                   |
|    | ServerId       | Integer                            |  | To represent server identifier                                                                                                                                                                                                |
|    | SignUpDate     | DateTime                           |  | To represent Signing Up Date of Service                                                                                                                                                                                       |
|  | Status         | <a href="#">ServiceStatus</a>      |  | <a href="#">ServiceStatus</a> type value to represent Service Status                                                                                                                                                          |
|  | WHMCS_UserId   | Integer                            |  | To represent WHMCS user Identifier (Only used for WHMCS MachPanel module integration)                                                                                                                                         |
|  | WHMCSHostingId | Integer                            |  | To represent WHMCS hosting Identifier (Only used for WHMCS MachPanel module integration)                                                                                                                                      |







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- [OrganizationalUnit Class](#)

Public class type to represent Active Directory Organizational Unit Entity.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|------------|-----------|----------|--|
|  | ADDomainId | Integer | | Read Only Active Directory DomainId to which current Organization belongs to |



| | | | | |
|---|--------------------------|---|--|---|
|  | Item[Int32] | String | | Read Only Index To return UPN Suffix at specified index associated with current Organizational Unit |
|  | OrganizationId | Integer | | To represent OU identifier |
|  | OrganizationInternalName | String | | To represent OU internal name |
|  | OrganizationName | String | | To represent OU name |
|  | UPNSuffixes | List<String> | | Read Only property as array of string UPNSuffixes associated with current organizational unit |
|  | UsersList | List< ActiveDirectoryUser > | | List of ActiveDirectoryUser in an OU |

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➤ [SubscribeDomainService](#):

To Subscribe Domain Registration Service. Click on [Sample Code](#) link to view an example.

Input Parameters:

|                                                                                     | Member           | Data Type                         | Required | Description                             |
|-------------------------------------------------------------------------------------|------------------|-----------------------------------|----------|-----------------------------------------|
|  | Hosting          | <a href="#">DomainNameService</a> | Yes      | Domain name product Data Container      |
|  | SendInvoiceEmail | Boolean                           | Yes      | Whether to send invoice as email or not |

Return Value:

Returns "[ResponseArguments](#)" Object.











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




- [DomainNameService Class](#)

Public class to hold data and perform operations for Domain name registration or transfer service.

Input Parameters:

| | Member | Data Type | Required | Description |
|--|--------|-----------|----------|-------------|
|--|--------|-----------|----------|-------------|

| | | | | |
|---|------------------|---|--|---|
|  | AssociatedAddOns | List< AddOnSubscription > | | List of Add-Ons To Associate with current Subscription request |
|  | Category | String | | To represent string value of category (Required for Enom and OpenSRS and .us tld(s)) |
|  | Comments | String | | To represent comments for a service if any |
|  | CompanyId | Integer | | To represent company identifier |
|  | CountryId | Integer | | To represent country id (Required in some categories of Enom and OpenSRS and .us tld(s)) |
|  | CustomerId | Integer | | To represent customer identifier |
|  | CycleId | Integer | | To represent billing cycle identifier |
|  | DomainName | Integer | | To represent domain name associated with service |
|  | EntityType | EntityTypes | | Read only property to get EntityTypes (Inherited from BusinessObjectEntityBase .) |
|  | HasAddOns | Boolean | | To identify whether the subscription has Add-On Associated with it for order |
|  | HostingId | Integer | | Read Only Property to represent Hosting Identifier |
|  | HostingTypeId | Integer | | Read Only Property to represent Hosting Type identifier |
|  | IDCardVATNumber | String | | Read Only Property to represent IDCard or VAT (Required in some categories of Enom and OpenSRS and .se tld(s)) |
|  | LastRenewal | DateTime | | Read only property to represent Last Renewal date |
|  | LegalType | String | | To represent Legal Type (Required for Enom and OpenSRS and .ca tld(s)) |
|  | NextRenewal | DateTime | | Read only property to represent Next Renewal date |

| | | | | |
|---|----------------|-----------------------------------|--|---|
|  | OperationArgs | ResponseArguments | | Read only property to return Response Arguments (Inherited from BusinessObjectEntityBase.) |
|  | OrderType | DomainOrderTypes | | To represent DomainOrderTypes for current order type |
|  | PackageId | Integer | | To represent Plan/Package Identifier |
|  | PaymentGroupId | Integer | | To represent Payment Group Id |
|  | PriceFrozen | Boolean | | To represent whether service price is freeze for subsequent service renewal invoice, if selected false then subsequent renewal invoices will be generated on the package/plan price at the time of generation renewal invoice |
|  | Purpose | String | | To represent purpose (Required for Enom and OpenSRS and .us tld(s)) |
|  | RegistrantType | RegistrantType | | To represent registrant type (Required in some categories of Enom and OpenSRS and .se tld(s)) |
|  | RegistrarId | Integer | | To represent Domain registrar identifier |
|  | SalesAgentId | Integer | | To represent sales agent Id |
|  | ServerId | Integer | | To represent server identifier |
|  | SignUpDate | DateTime | | To represent Signing Up Date of Service |
|  | Status | ServiceStatus | | ServiceStatus type value to represent Service Status |
|  | TLDId | Integer | | To represent TLD identifier |
|  | TransferKey | String | | To represent Transfer key if domain transfer is requested for current subscription |
|  | WHMCS_UserId | Integer | | To represent WHMCS user Identifier (Only used for WHMCS MachPanel module integration) |

| | | | |
|---|----------------|---------|--|
|  | WHMCSHostingId | Integer | To represent WHMCS hosting Identifier (Only used for WHMCS MachPanel module integration) |
|---|----------------|---------|--|

~~~~~

- DomainOrderTypes Enum

```

/// <summary>
/// Public enum type to represent domain order types
/// </summary>
public enum DomainOrderTypes : int
{
    /// <summary>
    /// Integer value for Registration order type
    /// </summary>
    Registration = 0,
    /// <summary>
    /// Integer value for Transfer order type
    /// </summary>
    Transfer = 1
}

```

~~~~~

- RegistrantType Enum

```

/// <summary>
/// Public enum type to represent .se domain registrant types
/// </summary>
public enum RegistrantTypeEnum : int
{
    /// <summary>
    /// individual
    /// </summary>
    individual = 0,
    /// <summary>
    /// organization
    /// </summary>
    organization = 1
}

```



~~~~~

➤ SubscribeExchangeHosting:

To Subscribe Exchange Hosting. Click on [Sample Code](#) link to view an example.

Input Parameters:

	Member	Data Type	Required	Description
--	--------	-----------	----------	-------------

	Hosting	<a href="#">ExchangeHosting</a>	Yes	Exchange hosting service Data Container
	SendInvoiceEmail	Boolean	Yes	Whether to send invoice as email or not

### Return Value:












Returns "[ResponseArguments](#)" Object.












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- [ExchangeHosting Class](#)

Public class to hold data and perform operations for Exchange Hosting Subscription.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|------------------|---|----------|---|
|  | AssociatedAddOns | List< AddOnSubscription > | | List of Add-Ons To Associate with current Subscription request |
|  | Comments | String | | To represent comments for a service if any |
|  | CompanyId | Integer | | To represent company identifier |
|  | CustomerId | Integer | | To represent customer identifier |
|  | CycleId | Integer | | To represent billing cycle identifier |
|  | DomainName | Integer | | To represent domain name associated with service |
|  | EntityType | EntityTypes | | Read only property to get EntityTypes (Inherited from BusinessObjectEntityBase.) |
|  | HasAddOns | Boolean | | To identify whether the subscription has Add-On Associated with it for order |
|  | HostingId | Integer | | Read Only Property to represent Hosting Identifier |
|  | HostingTypeId | Integer | | Read Only Property to represent Hosting Type identifier |
|  | LastRenewal | DateTime | | Read only property to represent Last Renewal date |

| | | | | |
|---|----------------|------------------------------------|--|---|
|  | NextRenewal | DateTime | | Read only property to represent Next Renewal date |
|  | OperationArgs | ResponseArguments | | Read only property to return Response Arguments (Inherited from BusinessObjectEntityBase.) |
|  | OU | OrganizationalUnit | | To represent OrganizationalUnit associated with service |
|  | PackageId | Integer | | To represent Plan/Package Identifier |
|  | PaymentGroupId | Integer | | To represent Payment Group Id |
|  | PriceFrozen | Boolean | | To represent whether service price is freeze for subsequent service renewal invoice, if selected false then subsequent renewal invoices will be generated on the package/plan price at the time of generation renewal invoice |
|  | SalesAgentId | Integer | | To represent sales agent Id |
|  | ServerId | Integer | | To represent server identifier |
|  | SignUpDate | DateTime | | To represent Signing Up Date of Service |
|  | Status | ServiceStatus | | ServiceStatus type value to represent Service Status |
|  | WHMCS_UserId | Integer | | To represent WHMCS user Identifier (Only used for WHMCS MachPanel module integration) |
|  | WHMCSHostingId | Integer | | To represent WHMCS hosting Identifier (Only used for WHMCS MachPanel module integration) |



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➤ [SubscribeLyncHosting:](#)

To Subscribe Lync Hosting. . Click on [Sample Code](#) link to view an example.

**Input Parameters:**



|                                                                                   | Member           | Data Type                   | Required | Description                             |
|-----------------------------------------------------------------------------------|------------------|-----------------------------|----------|-----------------------------------------|
|  | Hosting          | <a href="#">LyncHosting</a> | Yes      | Lync hosting service Data Container     |
|  | SendInvoiceEmail | Boolean                     | Yes      | Whether to send invoice as email or not |

### Return Value:












Returns "[ResponseArguments](#)" Object.













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- [LyncHosting Class](#)

Public class to hold data and perform operations for Lync Hosting Subscription.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|------------------|---|----------|---|
|  | AssociatedAddOns | List< AddOnSubscription > | | List of Add-Ons To Associate with current Subscription request |
|  | Comments | String | | To represent comments for a service if any |
|  | CompanyId | Integer | | To represent company identifier |
|  | CustomerId | Integer | | To represent customer identifier |
|  | CycleId | Integer | | To represent billing cycle identifier |
|  | DomainName | Integer | | To represent domain name associated with service |
|  | EntityType | EntityTypes | | Read only property to get EntityTypes (Inherited from BusinessObjectEntityBase .) |
|  | HasAddOns | Boolean | | To identify whether the subscription has Add-On Associated with it for order |
|  | HostingId | Integer | | Read Only Property to represent Hosting Identifier |
|  | HostingTypeId | Integer | | Read Only Property to represent Hosting Type identifier |
|  | LastRenewal | DateTime | | Read only property to represent Last Renewal date |



| | | | | |
|---|----------------|------------------------------------|--|---|
|  | NextRenewal | DateTime | | Read only property to represent Next Renewal date |
|  | OperationArgs | ResponseArguments | | Read only property to return Response Arguments (Inherited from BusinessObjectEntityBase.) |
|  | OU | OrganizationalUnit | | To represent OrganizationalUnit associated with service |
|  | PackageId | Integer | | To represent Plan/Package Identifier |
|  | PaymentGroupId | Integer | | To represent Payment Group Id |
|  | PriceFrozen | Boolean | | To represent whether service price is freeze for subsequent service renewal invoice, if selected false then subsequent renewal invoices will be generated on the package/plan price at the time of generation renewal invoice |
|  | SalesAgentId | Integer | | To represent sales agent Id |
|  | ServerId | Integer | | To represent server identifier |
|  | SignUpDate | DateTime | | To represent Signing Up Date of Service |
|  | Status | ServiceStatus | | ServiceStatus type value to represent Service Status |
|  | WHMCS_UserId | Integer | | To represent WHMCS user Identifier (Only used for WHMCS MachPanel module integration) |
|  | WHMCSHostingId | Integer | | To represent WHMCS hosting Identifier (Only used for WHMCS MachPanel module integration) |

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➤ [SubscribeMiscHosting:](#)

To Subscribe Misc. Hosting. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

|                                                                                   | Member           | Data Type                   | Required | Description                             |
|-----------------------------------------------------------------------------------|------------------|-----------------------------|----------|-----------------------------------------|
|  | Hosting          | <a href="#">MiscHosting</a> | Yes      | Misc. hosting service Data Container    |
|  | SendInvoiceEmail | Boolean                     | Yes      | Whether to send invoice as email or not |

### Return Value:












Returns "[ResponseArguments](#)" Object.













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- [MiscHosting Class](#)

Public class to hold data and perform operations for Misc. Products Hosting Subscription.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|------------------|---|----------|---|
|  | AssociatedAddOns | List< AddOnSubscription > | | List of Add-Ons To Associate with current Subscription request |
|  | Comments | String | | To represent comments for a service if any |
|  | CompanyId | Integer | | To represent company identifier |
|  | CustomerId | Integer | | To represent customer identifier |
|  | CycleId | Integer | | To represent billing cycle identifier |
|  | DomainName | Integer | | To represent domain name associated with service |
|  | EntityType | EntityTypes | | Read only property to get EntityTypes (Inherited from BusinessObjectEntityBase .) |
|  | HasAddOns | Boolean | | To identify whether the subscription has Add-On Associated with it for order |
|  | HostingId | Integer | | Read Only Property to represent Hosting Identifier |
|  | HostingTypeId | Integer | | Read Only Property to represent Hosting Type identifier |
|  | LastRenewal | DateTime | | Read only property to represent Last Renewal date |





| | | | | |
|---|----------------|-----------------------------------|--|---|
|  | NextRenewal | DateTime | | Read only property to represent Next Renewal date |
|  | OperationArgs | ResponseArguments | | Read only property to return Response Arguments (Inherited from BusinessObjectEntityBase.) |
|  | PackageId | Integer | | To represent Plan/Package Identifier |
|  | PaymentGroupId | Integer | | To represent Payment Group Id |
|  | PriceFrozen | Boolean | | To represent whether service price is freeze for subsequent service renewal invoice, if selected false then subsequent renewal invoices will be generated on the package/plan price at the time of generation renewal invoice |
|  | Quantity | Integer | | To represent Quantity of Package sold for this service |
|  | SalesAgentId | Integer | | To represent sales agent Id |
|  | ServerId | Integer | | To represent server identifier |
|  | SignUpDate | DateTime | | To represent Signing Up Date of Service |
|  | Status | ServiceStatus | | ServiceStatus type value to represent Service Status |
|  | WHMCS_UserId | Integer | | To represent WHMCS user Identifier (Only used for WHMCS MachPanel module integration) |
|  | WHMCSHostingId | Integer | | To represent WHMCS hosting Identifier (Only used for WHMCS MachPanel module integration) |

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➤ **SubscribeMultiple:**

To Subscribe Multipel Hosting services in a batch. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

|                                                                                   | Member           | Data Type                                  | Required | Description                                          |
|-----------------------------------------------------------------------------------|------------------|--------------------------------------------|----------|------------------------------------------------------|
|  | HostingRequests  | List< <a href="#">ServiceHostingBase</a> > | Yes      | List of <a href="#">ServiceHostingBase[]</a> Objects |
|  | CustomerId       | Integer                                    | Yes      | Customer identifier                                  |
|  | PaymentGroupId   | Integer                                    | Yes      | Payment group identifier                             |
|  | SendInvoiceEmail | Boolean                                    | Yes      | Whether to send invoice as email or not              |

### Return Value:










ListOf "[ResponseArguments\[\]](#)" Objects.














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- [ServiceHostingBase Class](#)

Public Abstract class to hold common data and perform common operations for all inherited Hosting Subscriptions.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|------------------|---|----------|---|
|  | AssociatedAddOns | List< AddOnSubscription > | | List of Add-Ons To Associate with current Subscription request |
|  | Comments | String | | To represent comments for a service if any |
|  | CompanyId | Integer | | To represent company identifier |
|  | CustomerId | Integer | | To represent customer identifier |
|  | CycleId | Integer | | To represent billing cycle identifier |
|  | DomainName | Integer | | To represent domain name associated with service |
|  | EntityType | EntityTypes | | Read only property to get EntityTypes (Inherited from BusinessObjectEntityBase.) |
|  | HasAddOns | Boolean | | To identify whether the subscription has Add-On Associated with it for order |
|  | HostingId | Integer | | Read Only Property to represent Hosting Identifier |



| | | | | |
|---|----------------|-----------------------------------|--|---|
|  | HostingTypeId | Integer | | Read Only Property to represent Hosting Type identifier |
|  | LastRenewal | DateTime | | Read only property to represent Last Renewal date |
|  | NextRenewal | DateTime | | Read only property to represent Next Renewal date |
|  | OperationArgs | ResponseArguments | | Read only property to return Response Arguments (Inherited from BusinessObjectEntityBase.) |
|  | PackageId | Integer | | To represent Plan/Package Identifier |
|  | PaymentGroupId | Integer | | To represent Payment Group Id |
|  | PriceFrozen | Boolean | | To represent whether service price is freeze for subsequent service renewal invoice, if selected false then subsequent renewal invoices will be generated on the package/plan price at the time of generation renewal invoice |
|  | SalesAgentId | Integer | | To represent sales agent Id |
|  | ServerId | Integer | | To represent server identifier |
|  | SignUpDate | DateTime | | To represent Signing Up Date of Service |
|  | Status | ServiceStatus | | ServiceStatus type value to represent Service Status |
|  | WHMCS_UserId | Integer | | To represent WHMCS user Identifier (Only used for WHMCS MachPanel module integration) |
|  | WHMCSHostingId | Integer | | To represent WHMCS hosting Identifier (Only used for WHMCS MachPanel module integration) |

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➤ [SubscribeSSLService](#):

To Subscribe SSL Service. Click on [Sample Code](#) link to view an example.

**Input Parameters:**

|                                                                                   | Member           | Data Type                  | Required | Description                             |
|-----------------------------------------------------------------------------------|------------------|----------------------------|----------|-----------------------------------------|
|  | Hosting          | <a href="#">SSLService</a> | Yes      | SSL service Data Container              |
|  | SendInvoiceEmail | Boolean                    | Yes      | Whether to send invoice as email or not |

**Return Value:**










Returns “[ResponseArguments](#)” Object.















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- [SSLService Class](#)

Public class to hold data and perform operations for SSL Subscription service.














Input Parameters:

| | Member | Data Type | Required | Description |
|---|------------------|---|----------|---|
|  | AssociatedAddOns | List< AddOnSubscription > | | List of Add-Ons To Associate with current Subscription request |
|  | ClientProfile | SSLDigiCertClientProfile | | To represent SSLDigiCertClientProfile |
|  | Comments | String | | To represent comments for a service if any |
|  | CompanyId | Integer | | To represent company identifier |
|  | CustomerId | Integer | | To represent customer identifier |
|  | CycleId | Integer | | To represent billing cycle identifier |
|  | DomainName | Integer | | To represent domain name associated with service |
|  | EntityType | EntityTypes | | Read only property to get EntityTypes (Inherited from BusinessObjectEntityBase .) |
|  | HasAddOns | Boolean | | To identify whether the subscription has Add-On Associated with it for order |

| | | | | |
|---|----------------|-----------------------------------|--|---|
|  | HostingId | Integer | | Read Only Property to represent Hosting Identifier |
|  | HostingTypeId | Integer | | Read Only Property to represent Hosting Type identifier |
|  | LastRenewal | DateTime | | Read only property to represent Last Renewal date |
|  | NextRenewal | DateTime | | Read only property to represent Next Renewal date |
|  | OperationArgs | ResponseArguments | | Read only property to return Response Arguments (Inherited from BusinessObjectEntityBase.) |
|  | PackageId | Integer | | To represent Plan/Package Identifier |
|  | PaymentGroupId | Integer | | To represent Payment Group Id |
|  | PriceFrozen | Boolean | | To represent whether service price is freeze for subsequent service renewal invoice, if selected false then subsequent renewal invoices will be generated on the package/plan price at the time of generation renewal invoice |
|  | SalesAgentId | Integer | | To represent sales agent Id |
|  | ServerId | Integer | | To represent server identifier |
|  | SignUpDate | DateTime | | To represent Signing Up Date of Service |
|  | Status | ServiceStatus | | ServiceStatus type value to represent Service Status |
|  | WHMCS_UserId | Integer | | To represent WHMCS user Identifier (Only used for WHMCS MachPanel module integration) |
|  | WHMCSHostingId | Integer | | To represent WHMCS hosting Identifier (Only used for WHMCS MachPanel module integration) |



- [SSLDigiCertClientProfile Class](#)
Public class to represent SSL DigiCert Client profile.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|----------------------------|-----------------------------|----------|--|
|  | Address | String | | To represent Address/Primary address for digicert client profile |
|  | City | String | | To represent city for digicert client profile |
|  | Country | CountryInfo | | To represent CountryInfo for digicert client profile |
|  | CSRKey | String | | To represent CSR Key for digicert client profile |
|  | OrganizationName | String | | To represent company name for digicert client profile |
|  | OrgContactEmail | String | | To represent organization contact email for digicert client profile |
|  | OrgContactFirstName | String | | To represent first name of the contact of organization for digicert client profile |
|  | OrgContactLastName | String | | To represent last name of the contact of organization for digicert client profile |
|  | Phone | String | | To represent Phone number for digicert client profile |
|  | Province | String | | To represent province for digicert client profile |
|  | SansToSecureInACertificate | Integer | | To represent Sans for digicert client profile (Note: A comma delimited list of names to be secured in the certificate. e.g. www.example.com,a.example.com,b.example.com) |
|  | State | StateInfo | | To represent StateInfo for digicert client profile |
|  | ZipORPostalCode | String | | To represent ZIP/Postal code for digicert client profile |

- [SubscribeSharePointHosting:](#)
To Subscribe SharePoint Hosting. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|------------------|-----------------------------------|----------|---|
|  | Hosting | SharePointHosting | Yes | SharePoint hosting service Data Container |
|  | SendInvoiceEmail | Boolean | Yes | Whether to send invoice as email or not |

Return Value:












Returns “[ResponseArguments](#)” Object.

















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
- [SharePointHosting Class](#)

Public class to hold data and perform operations for SharePoint Hosting Subscription.

**Input Parameters:**

|                                                                                     | Member           | Data Type                                 | Required | Description                                                                                                       |
|-------------------------------------------------------------------------------------|------------------|-------------------------------------------|----------|-------------------------------------------------------------------------------------------------------------------|
|    | AdminEmail       | String                                    |          | To represent portal default administrator email address                                                           |
|    | AdminUserId      | Integer                                   |          | To represent admin user identifier                                                                                |
|   | AdminUserName    | String                                    |          | To represent admin user name                                                                                      |
|  | AssociatedAddOns | List< <a href="#">AddOnSubscription</a> > |          | List of Add-Ons To Associate with current Subscription request                                                    |
|  | Comments         | String                                    |          | To represent comments for a service if any                                                                        |
|  | CompanyId        | Integer                                   |          | To represent company identifier                                                                                   |
|  | CustomerId       | Integer                                   |          | To represent customer identifier                                                                                  |
|  | CycleId          | Integer                                   |          | To represent billing cycle identifier                                                                             |
|  | DomainName       | Integer                                   |          | To represent domain name associated with service                                                                  |
|  | EntityType       | <a href="#">EntityTypes</a>               |          | Read only property to get <a href="#">EntityTypes</a> (Inherited from <a href="#">BusinessObjectEntityBase</a> .) |
|  | HasAddOns        | Boolean                                   |          | To identify whether the subscription has Add-On Associated with it for order                                      |

|                                                                                     |                   |                                    |  |                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------|-------------------|------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | HostingId         | Integer                            |  | Read Only Property to represent Hosting Identifier                                                                                                                                                                            |
|    | HostingTypeId     | Integer                            |  | Read Only Property to represent Hosting Type identifier                                                                                                                                                                       |
|    | LastRenewal       | DateTime                           |  | Read only property to represent Last Renewal date                                                                                                                                                                             |
|    | LocaleId          | Integer                            |  | To represent locale identifier for portal                                                                                                                                                                                     |
|    | NextRenewal       | DateTime                           |  | Read only property to represent Next Renewal date                                                                                                                                                                             |
|    | OperationArgs     | <a href="#">ResponseArguments</a>  |  | Read only property to return Response Arguments (Inherited from <a href="#">BusinessObjectEntityBase.</a> )                                                                                                                   |
|    | OU                | <a href="#">OrganizationalUnit</a> |  | To represent <a href="#">OrganizationalUnit</a> associated with service                                                                                                                                                       |
|    | PackageId         | Integer                            |  | To represent Plan/Package Identifier                                                                                                                                                                                          |
|   | PaymentGroupId    | Integer                            |  | To represent Payment Group Id                                                                                                                                                                                                 |
|  | PortalDescription | String                             |  | To represent portal description                                                                                                                                                                                               |
|  | PortalName        | String                             |  | To represent portal name                                                                                                                                                                                                      |
|  | PortalTitle       | String                             |  | To represent portal title                                                                                                                                                                                                     |
|  | PriceFrozen       | Boolean                            |  | To represent whether service price is freeze for subsequent service renewal invoice, if selected false then subsequent renewal invoices will be generated on the package/plan price at the time of generation renewal invoice |
|  | SalesAgentId      | Integer                            |  | To represent sales agent Id                                                                                                                                                                                                   |
|  | ServerId          | Integer                            |  | To represent server identifier                                                                                                                                                                                                |
|  | SignUpDate        | DateTime                           |  | To represent Signing Up Date of Service                                                                                                                                                                                       |



|                                                                                   |                |                               |  |                                                                                          |
|-----------------------------------------------------------------------------------|----------------|-------------------------------|--|------------------------------------------------------------------------------------------|
|  | Status         | <a href="#">ServiceStatus</a> |  | <a href="#">ServiceStatus</a> type value to represent Service Status                     |
|  | TemplateId     | String                        |  | To represent SharePoint portal template id                                               |
|  | WHMCS_UserId   | Integer                       |  | To represent WHMCS user Identifier (Only used for WHMCS MachPanel module integration)    |
|  | WHMCSHostingId | Integer                       |  | To represent WHMCS hosting Identifier (Only used for WHMCS MachPanel module integration) |

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➤ [SubscribeVPSHosting](#):

To Subscribe Hyper-V Hosting. Click on [Sample Code](#) link to view an example.

Input Parameters:

	Member	Data Type	Required	Description
	Hosting	VPSHosting	Yes	VPS hosting service Data Container
	SendInvoiceEmail	Boolean	Yes	Whether to send invoice as email or not

Return Value:




Returns "[ResponseArguments](#)" Object.

















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


- [VPSHosting Class](#)

Public class to hold data and perform operations for VPS Hosting (Hyper-V) Subscription.

Input Parameters:

|                                                                                     | Member           | Data Type                                 | Required | Description                                                    |
|-------------------------------------------------------------------------------------|------------------|-------------------------------------------|----------|----------------------------------------------------------------|
|  | AssociatedAddOns | List< <a href="#">AddOnSubscription</a> > |          | List of Add-Ons To Associate with current Subscription request |
|  | Comments         | String                                    |          | To represent comments for a service if any                     |
|  | CompanyId        | Integer                                   |          | To represent company identifier                                |

|                                                                                     |                |                                   |  |                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------|----------------|-----------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | CustomerId     | Integer                           |  | To represent customer identifier                                                                                                                                                                                              |
|    | CycleId        | Integer                           |  | To represent billing cycle identifier                                                                                                                                                                                         |
|    | DomainName     | Integer                           |  | To represent domain name associated with service                                                                                                                                                                              |
|    | EntityType     | <a href="#">EntityTypes</a>       |  | Read only property to get <a href="#">EntityTypes</a> (Inherited from <a href="#">BusinessObjectEntityBase.</a> )                                                                                                             |
|    | HasAddOns      | Boolean                           |  | To identify whether the subscription has Add-On Associated with it for order                                                                                                                                                  |
|    | HostingId      | Integer                           |  | Read Only Property to represent Hosting Identifier                                                                                                                                                                            |
|    | HostingTypeId  | Integer                           |  | Read Only Property to represent Hosting Type identifier                                                                                                                                                                       |
|    | LastRenewal    | DateTime                          |  | Read only property to represent Last Renewal date                                                                                                                                                                             |
|    | NextRenewal    | DateTime                          |  | Read only property to represent Next Renewal date                                                                                                                                                                             |
|    | OperationArgs  | <a href="#">ResponseArguments</a> |  | Read only property to return Response Arguments (Inherited from <a href="#">BusinessObjectEntityBase.</a> )                                                                                                                   |
|    | PackageId      | Integer                           |  | To represent Plan/Package Identifier                                                                                                                                                                                          |
|  | PaymentGroupId | Integer                           |  | To represent Payment Group Id                                                                                                                                                                                                 |
|  | PriceFrozen    | Boolean                           |  | To represent whether service price is freeze for subsequent service renewal invoice, if selected false then subsequent renewal invoices will be generated on the package/plan price at the time of generation renewal invoice |
|  | SalesAgentId   | Integer                           |  | To represent sales agent Id                                                                                                                                                                                                   |
|  | ServerId       | Integer                           |  | To represent server identifier                                                                                                                                                                                                |
|  | SignUpDate     | DateTime                          |  | To represent Signing Up Date of Service                                                                                                                                                                                       |





|                                                                                   |                |                               |  |                                                                                          |
|-----------------------------------------------------------------------------------|----------------|-------------------------------|--|------------------------------------------------------------------------------------------|
|  | Status         | <a href="#">ServiceStatus</a> |  | <a href="#">ServiceStatus</a> type value to represent Service Status                     |
|  | WHMCS_UserId   | Integer                       |  | To represent WHMCS user Identifier (Only used for WHMCS MachPanel module integration)    |
|  | WHMCSHostingId | Integer                       |  | To represent WHMCS hosting Identifier (Only used for WHMCS MachPanel module integration) |

~~~~~\*\*\*\*\*~~~~~

➤ [SubscribeWHMCSAddOn:](#)

To subscribe WHMCS add-on in MachPanel. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|-----------|-----------|----------|------------------------------------|
|  | id | String | Yes | VPS hosting service Data Container |
|  | userid | string | Yes | WHMCS user identifier |
|  | serviceid | string | Yes | Service identifier |
|  | addonid | string | Yes | Add-on identifier |

Return Value:



Returns "[ResponseArguments](#)" Object.

~~~~~\*\*\*\*\*~~~~~

➤ [SubscribeWebHosting:](#)

To Subscribe Shared/Web Hosting. Click on [Sample Code](#) link to view an example.

Input Parameters:

|                                                                                     | Member           | Data Type                  | Required | Description                               |
|-------------------------------------------------------------------------------------|------------------|----------------------------|----------|-------------------------------------------|
|  | Hosting          | <a href="#">WebHosting</a> | Yes      | Web/shared hosting service Data Container |
|  | SendInvoiceEmail | Boolean                    | Yes      | Whether to send invoice as email or not   |

Return Value:



Returns "[ResponseArguments](#)" Object.









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- **WebHosting Class**

Public class to hold data and perform operations for Shared or Web Hosting Subscription.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|------------------|---|-----------------|---|
|  | AssociatedAddOns | List< AddOnSubscription > | | List of Add-Ons To Associate with current Subscription request |
|  | Comments | String | | To represent comments for a service if any |
|  | CompanyId | Integer | | To represent company identifier |
|  | CustomerId | Integer | | To represent customer identifier |
|  | CycleId | Integer | | To represent billing cycle identifier |
|  | DomainName | Integer | | To represent domain name associated with service |
|  | EntityType | EntityTypes | | Read only property to get EntityTypes (Inherited from BusinessObjectEntityBase.) |
|  | HasAddOns | Boolean | | To identify whether the subscription has Add-On Associated with it for order |
|  | HostingId | Integer | | Read Only Property to represent Hosting Identifier |
|  | HostingTypeId | Integer | | Read Only Property to represent Hosting Type identifier |
|  | LastRenewal | DateTime | | Read only property to represent Last Renewal date |
|  | NextRenewal | DateTime | | Read only property to represent Next Renewal date |
|  | OperationArgs | ResponseArguments | | Read only property to return Response Arguments (Inherited from BusinessObjectEntityBase.) |
|  | PackageId | Integer | | To represent Plan/Package Identifier |





| | | | | |
|---|----------------|-------------------------------|--|---|
|  | PaymentGroupId | Integer | | To represent Payment Group Id |
|  | PriceFreezed | Boolean | | To represent whether service price is freeze for subsequent service renewal invoice, if selected false then subsequent renewal invoices will be generated on the package/plan price at the time of generation renewal invoice |
|  | SalesAgentId | Integer | | To represent sales agent Id |
|  | ServerId | Integer | | To represent server identifier |
|  | SignUpDate | DateTime | | To represent Signing Up Date of Service |
|  | Status | ServiceStatus | | ServiceStatus type value to represent Service Status |
|  | WHMCS_UserId | Integer | | To represent WHMCS user Identifier (Only used for WHMCS MachPanel module integration) |
|  | WHMCSHostingId | Integer | | To represent WHMCS hosting Identifier (Only used for WHMCS MachPanel module integration) |

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➤ [SwitchLyncSubscription](#):

To Switch Lync Subscription/Package. Downgrades or Upgrades the package associated to the existing subscription with another package that fulfill the used resources requirement of old subscription plan. Click on [Sample Code](#) link to view an example.

Input Parameters:

|                                                                                     | Member       | Data Type | Required | Description                                                |
|-------------------------------------------------------------------------------------|--------------|-----------|----------|------------------------------------------------------------|
|  | HostingId    | Integer   | Yes      | Hosting/subscription identifier                            |
|  | NewPackageId | Integer   | Yes      | New Package identifier to switch current subscription with |
|  | CycleId      | Integer   | Yes      | Billing cycle identifier                                   |
|  | Comments     | String    | Yes      | Comments                                                   |



### Return Value:






Returns “[ResponseArguments](#)” Object.

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➤ SwitchSubscriptionPackage:

To Switch Lync Subscription/Package. Downgrades or Upgrades the package associated to the existing subscription with another package that fulfill the used resources requirement of old subscription plan. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|--------------|------------------------------|----------|--|
|  | HostingId | Integer | Yes | Hosting/subscription identifier |
|  | HostingType | ServiceTypes | Yes | ServiceTypes of give Package/Domain |
|  | NewPackageId | Integer | Yes | New Package identifier to switch current subscription with |
|  | CycleId | Integer | Yes | Billing cycle identifier |
|  | Comments | String | Yes | Comments |

Return Value:



Returns “[ResponseArguments](#)” Object.

~~~~~\*\*\*\*\*~~~~~

#### ➤ UpdateCustomer:

To update Customer in MachPanel. Click on [Sample Code](#) link to view an example.

### Input Parameters:

|                                                                                     | Member     | Data Type                | Required | Description                           |
|-------------------------------------------------------------------------------------|------------|--------------------------|----------|---------------------------------------|
|  | C          | <a href="#">Customer</a> | Yes      | <a href="#">Customer</a> class object |
|  | CustomerId | String                   | Yes      | Customer identifier                   |

### Return Value:



Returns “[ResponseArguments](#)” Object.

~~~~~\*\*\*\*\*~~~~~

➤ UpdateReseller:

To update Reseller Customer in MachPanel. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|------------|----------------------------------|----------|---|
|  | RC | ResellerCustomer | Yes | ResellerCustomer class object |
|  | CustomerId | String | Yes | Customer identifier |

Return Value:






Returns "[ResponseArguments](#)" Object.

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#### ➤ [UpdateSubscriptionStatus](#):

To update a subscription status given subscription information and new service action. Click on [Sample Code](#) link to view an example.

### Input Parameters:

|                                                                                     | Member          | Data Type                      | Required | Description                                                                            |
|-------------------------------------------------------------------------------------|-----------------|--------------------------------|----------|----------------------------------------------------------------------------------------|
|    | HostingId       | Integer                        | Yes      | Hosting/subscription identifier                                                        |
|    | ServiceTypeId   | Integer                        | Yes      | Service type identifier                                                                |
|  | svcActions      | <a href="#">ServiceActions</a> | Yes      | <a href="#">ServiceActions</a> Enum to identify actions (Cancel, Suspend, Resume etc.) |
|  | Comments        | String                         | Yes      | Comments                                                                               |
|  | CreditToAccount | Boolean                        | Yes      | Comments                                                                               |

### Return Value:

Returns "[ResponseArguments](#)" Object.

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- ServiceActions Enum

```



/// <summary>
/// Public enum type to represent possible service actions
/// </summary>
public enum ServiceActions : int
{
    /// <summary>
    /// Integer value for Cancel service action.
    /// </summary>
    Cancel = 1,
    /// <summary>
    /// Integer value for Renew service action.
    /// </summary>
    Renew = 2,
    /// <summary> ...
    Suspend = 3,
    /// <summary>
    /// Integer value for Resume service action.
    /// </summary>
    Resume = 4
}

```

➤ UpdateWHMCSAccount:

To suspend WHMCS account in MachPanel. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|------------|--------------------------------|----------|--|
|  | WServiceId | String | Yes | Hosting/subscription service identifier |
|  | svcActions | ServiceActions | Yes | ServiceActions Enum to identify actions (Cancel, Suspend, Resume etc.) |

Return Value:


Returns "[ResponseArguments](#)" Object.

➤ SearchEndCustomer:

To search End Customer from MachPanel, as per provided search string. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|--|--------|-----------|----------|-------------|
|--|--------|-----------|----------|-------------|

| | | | | |
|---|-------------|--------|-----|--------------------------------|
|  | SearchQuery | String | Yes | String to find customer table. |
|---|-------------|--------|-----|--------------------------------|

Return Value:

Returns array of "[GlobalSearch.CustomerResponse](#)" Objects.







~~~~~\*\*\*\*\*

- [GlobalSearch.CustomerResponse Class](#)

Public class to hold data of end customers from MachPanel, against any search string.

### Input Parameters:

|                                                                                     | Member         | Data Type | Required | Description                                                                         |
|-------------------------------------------------------------------------------------|----------------|-----------|----------|-------------------------------------------------------------------------------------|
|    | Address1       | String    |          | Read Only property to represent Customer primary address                            |
|    | Address2       | String    |          | Read Only property to represent Customer secondary address                          |
|    | CompanyID      | Integer   |          | Read Only property as Integer value to represent Customer Company Identifier        |
|    | CompanyName    | String    |          | Read Only property to represent Customer Company name assigned by provider/reseller |
|   | CountryId      | Integer   |          | Read Only property to represent customer's country identifier                       |
|  | CustomerId     | Integer   |          | Read Only property as Integer value to represent Customer Identifier                |
|  | CustomerName   | String    |          | Read Only property to identify Customer name information e.g. FirstName LastName    |
|  | CustomerNumber | String    |          | Read Only property to represent Customer Number assigned by provider/reseller       |
|  | HasData        | Boolean   |          | Read Only property to represent if search collection has any data or not            |
|  | IsFraud        | Boolean   |          | True, Read Only property to represent whether customer is marked as fraud           |
|  | IsSuspend      | Boolean   |          | True, Read Only property to represent whether customer is Suspended                 |
|  | OwnerId        | Integer   |          | Read Only property to represents Customer's owner identifier.                       |
|  | Phone          | String    |          | Read Only property to represent Customer Phone Number                               |


|                                                                                   |                  |         |  |                                                                                    |
|-----------------------------------------------------------------------------------|------------------|---------|--|------------------------------------------------------------------------------------|
|  | PhoneCountryCode | String  |  | Read Only property to represent Customer country Phone code                        |
|  | PrimaryEmail     | String  |  | Read Only property to represent Customer Primary Email address                     |
|  | ResponseText     | String  |  | Read Only property to represent any error or success message for search operation. |
|  | SearchQuery      | String  |  | Read Only property to represent search input.                                      |
|  | SecondaryEmail   | String  |  | Read Only property to represent Customer Secondary Email Address                   |
|  | StillCustomer    | Boolean |  | True, to represent whether customer is still active customer                       |

~~~~~\*\*\*\*\*

➤ [SearchResellerCustomer:](#)

To search Reseller Customer from MachPanel, as per provided search string. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|-------------|-----------|----------|--------------------------------|
|  | SearchQuery | String | Yes | String to find customer table. |

Return Value:





Returns array of "[GlobalSearch.ResellerResponse](#)" Objects.



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- [GlobalSearch.ResellerResponse Class](#)

Public class to hold data of reseller customers from MachPanel, against any search string.

**Input Parameters:**

|                                                                                     | Member      | Data Type | Required | Description                                                                         |
|-------------------------------------------------------------------------------------|-------------|-----------|----------|-------------------------------------------------------------------------------------|
|  | Address1    | String    |          | Read Only property to represent Customer primary address                            |
|  | Address2    | String    |          | Read Only property to represent Customer secondary address                          |
|  | CompanyID   | Integer   |          | Read Only property as Integer value to represent Customer Company Identifier        |
|  | CompanyName | String    |          | Read Only property to represent Customer Company name assigned by provider/reseller |


|                                                                                     |                  |         |  |                                                                                    |
|-------------------------------------------------------------------------------------|------------------|---------|--|------------------------------------------------------------------------------------|
|    | CountryId        | Integer |  | Read Only property to represent customer's country identifier                      |
|    | CustomerId       | Integer |  | Read Only property as Integer value to represent Customer Identifier               |
|    | CustomerName     | String  |  | Read Only property to identify Customer name information e.g. FirstName LastName   |
|    | CustomerNumber   | String  |  | Read Only property to represent Customer Number assigned by provider/reseller      |
|    | HasData          | Boolean |  | Read Only property to represent if search collection has any data or not           |
|    | IsFraud          | Boolean |  | True, Read Only property to represent whether customer is marked as fraud          |
|    | IsSuspend        | Boolean |  | True, Read Only property to represent whether customer is Suspended                |
|    | OwnerId          | Integer |  | Read Only property to represents Customer's owner identifier.                      |
|    | Phone            | String  |  | Read Only property to represent Customer Phone Number                              |
|    | PhoneCountryCode | String  |  | Read Only property to represent Customer country Phone code                        |
|    | PrimaryEmail     | String  |  | Read Only property to represent Customer Primary Email address                     |
|    | ResponseText     | String  |  | Read Only property to represent any error or success message for search operation. |
|  | SearchQuery      | String  |  | Read Only property to represent search input.                                      |
|  | SecondaryEmail   | String  |  | Read Only property to represent Customer Secondary Email Address                   |
|  | StillCustomer    | Boolean |  | True, to represent whether customer is still active customer                       |

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➤ **SearchSubscription:**

To search any subscription/hosting data from MachPanel, as per provided search string. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|---------------|------------------|-----------------|--------------------------------|
|  | SearchQuery | String | Yes | String to find customer table. |

| | | | | |
|---|------------|---------|--|--|
|  | CustomerId | Integer | | To search in any specific customer provide customer identifier else leave blank or set -1. |
|---|------------|---------|--|--|

Return Value:













Returns array of "[GlobalSearch.SubscriptionResponse](#)" Objects.







~~~~~\*\*\*\*\*

- [GlobalSearch.SubscriptionResponse Class](#)

Public class to hold data of subscription/hosting from MachPanel, against any search string.

### Input Parameters:

|                                                                                     | Member            | Data Type | Required | Description                                                                            |
|-------------------------------------------------------------------------------------|-------------------|-----------|----------|----------------------------------------------------------------------------------------|
|    | CompanyID         | Integer   |          | Read Only property as Integer value to represent subscription's Company Identifier     |
|    | CompanyName       | String    |          | Read Only property to represent Company Name                                           |
|    | CustomerID        | Integer   |          | Read Only property as Integer value to represent Customer Identifier                   |
|  | CustomerName      | String    |          | Read Only property to identify Customer name information e.g. FirstName LastName       |
|  | DomainName        | String    |          | Read Only property to represent Domain Name of subscription                            |
|  | HasData           | Boolean   |          | Read Only property to represent if search collection has any data or not               |
|  | IsResellerPackage | Boolean   |          | Read Only property to represent whether subscription is any reseller package or not    |
|  | IsTrial           | Boolean   |          | Read Only property to represent whether subscription is running on Trial or not        |
|  | LastRenewal       | DateTime  |          | Read Only property to represent subscription's last renewal date                       |
|  | NextRenewal       | DateTime  |          | Read Only property to represent subscription's next renewal date.                      |
|  | PackageName       | String    |          | Read Only property to represent subscription's associated service plan name            |
|  | PackageTypeId     | Integer   |          | Read Only property to represent subscription's associated service plan type identifier |


|                                                                                   |                |          |  |                                                                                                            |
|-----------------------------------------------------------------------------------|----------------|----------|--|------------------------------------------------------------------------------------------------------------|
|  | ResponseText   | String   |  | Read Only property to represent any error or success message for search operation.                         |
|  | SearchQuery    | String   |  | Read Only property to represent search input.                                                              |
|  | StartDate      | DateTime |  | Read Only property to represent subscription's start date                                                  |
|  | StatusID       | Integer  |  | Read only property to represent subscription current status                                                |
|  | SubscriptionID | Integer  |  | Read only property to represent subscription's unique identifier                                           |
|  | UserName       | String   |  | Read only property to represent subscription's user name in case of domain name products or shared hosting |

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➤ **SearchDomainName:**

To search any DomainName data from MachPanel, as per provided search string. Click on [Sample Code](#) link to view an example.

Input Parameters:

| | Member | Data Type | Required | Description |
|---|-------------|-----------|----------|--------------------------------|
|  | SearchQuery | String | Yes | String to find customer table. |

Return Value:




Returns array of "[GlobalSearch.DomainNameProductResponse](#)" Objects.

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- [GlobalSearch.DomainNameProductResponse Class](#)

Public class to hold data of DomainName from MachPanel, against any search string.

**Input Parameters:**

|                                                                                     | Member      | Data Type | Required | Description                                                                        |
|-------------------------------------------------------------------------------------|-------------|-----------|----------|------------------------------------------------------------------------------------|
|  | CompanyID   | Integer   |          | Read Only property as Integer value to represent subscription's Company Identifier |
|  | CompanyName | String    |          | Read Only property to represent Company Name                                       |
|  | CustomerID  | Integer   |          | Read Only property as Integer value to represent Customer Identifier               |



|                                                                                     |                   |          |  |                                                                                                            |
|-------------------------------------------------------------------------------------|-------------------|----------|--|------------------------------------------------------------------------------------------------------------|
|    | CustomerName      | String   |  | Read Only property to identify Customer name information e.g. FirstName LastName                           |
|    | DomainName        | String   |  | Read Only property to represent Domain Name of subscription                                                |
|    | HasData           | Boolean  |  | Read Only property to represent if search collection has any data or not                                   |
|    | IsResellerPackage | Boolean  |  | Read Only property to represent whether subscription is any reseller package or not                        |
|    | IsTrial           | Boolean  |  | Read Only property to represent whether subscription is running on Trial or not                            |
|    | LastRenewal       | DateTime |  | Read Only property to represent subscription's last renewal date                                           |
|    | NextRenewal       | DateTime |  | Read Only property to represent subscription's next renewal date.                                          |
|    | PackageName       | String   |  | Read Only property to represent subscription's associated service plan name                                |
|    | PackageTypeId     | Integer  |  | Read Only property to represent subscription's associated service plan type identifier                     |
|  | ResponseText      | String   |  | Read Only property to represent any error or success message for search operation.                         |
|  | SearchQuery       | String   |  | Read Only property to represent search input.                                                              |
|  | StartDate         | DateTime |  | Read Only property to represent subscription's start date                                                  |
|  | StatusID          | Integer  |  | Read only property to represent subscription current status                                                |
|  | SubscriptionID    | Integer  |  | Read only property to represent subscription's unique identifier                                           |
|  | UserName          | String   |  | Read only property to represent subscription's user name in case of domain name products or shared hosting |

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Sample Code:

Authentication Header:

```
MPAuthenticationHeader MPHeader = new MPAuthenticationHeader();
MPHeader.UserName = "CompanyLogin@somedomain.com";
MPHeader.UserPassword = "CompanyPassword";
```

AuthenticateCustomer:

```
MPAuthenticationHeader MPHeader = new MPAuthenticationHeader();
MPHeader.UserName = "CompanyLogin";
MPHeader.UserPassword = "CompanyPassword";
MachPanelService svc = new MachPanelService();
svc.Url = "ServiceUrl";
svc.MPAuthenticationHeaderValue = MPHeader;
ResponseArguments Args = svc.AuthenticateCustomer("LoginName", "Password", false);
```

AddLyncBulkUsers:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAuthenticationHeaderValue = MPHeader;
LyncUser[] LyncUsers = new LyncUser[2];
LyncUser LUser1 = new LyncUser();
LyncUser LUser2 = new LyncUser();
LUser1.FirstName = "John";
LUser1.LastName = "Smith";
LUser1.LineURI = "+12345678";
LUser1.PackageOrAddonId = "A:28001"; // starting with 'P' is Package ID & 'A' is Addon ID
LUser1.UPN = "apiuser2@comptest.qa";
LUser1.SIPAddress = "apiuser2@comptest.qa";
LyncUsers[0] = LUser1;
LUser2.FirstName = "Paul";
LUser2.LastName = "Adam";
//LUser2.LineURI = "+547865878";
LUser2.PackageOrAddonId = "A:28001"; // starting with 'P' is Package ID & 'A' is Addon ID
LUser2.UPN = "apiuser@comptest.qa";
LUser2.SIPAddress = "apiuser@comptest.qa";
LyncUsers[1] = LUser2;
ResponseArguments RAGs = svc.AddLyncBulkUsers(276, LyncUsers); //204 is Subscription/Hosting ID
```

AddLyncPhoneGroup:

```

MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
PhoneGroup LyncPGroup = new PhoneGroup();
PhoneNumber[] LyncPNumbers = new PhoneNumber[2];
PhoneNumber PNumber1 = new PhoneNumber();
PhoneNumber PNumber2 = new PhoneNumber();
PNumber1.Number = "+123145167";
PNumber2.Number = "+761541321";
LyncPNumbers[0] = PNumber1;
LyncPNumbers[1] = PNumber2;
LyncPGroup.CustomerId = 1782;
LyncPGroup.PhoneGroupName = "Enterprise Voice Group";
LyncPGroup.PhoneNumbers = LyncPNumbers;
ResponseArguments RAgs = svc.AddLyncPhoneGroup(LyncPGroup);

```

AddLyncPhoneNumbers:

```

MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
PhoneNumber[] LyncPNumbers = new PhoneNumber[2];
PhoneNumber PNumber1 = new PhoneNumber();
PhoneNumber PNumber2 = new PhoneNumber();
PNumber1.Number = "+12345678";
PNumber2.Number = "+12345321";
LyncPNumbers[0] = PNumber1;
LyncPNumbers[1] = PNumber2;
ResponseArguments RAgs = svc.AddLyncPhoneNumbers(73, LyncPNumbers); // 13 is PhoneGroup ID
Lbl_Message.Text = RAgs.ResponseMessage;

```

AddLyncUser:

```

MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
LyncUser LUser = new LyncUser();
LUser.FirstName = "John";
LUser.LastName = "Smith";
//LUser.LineURI = "+12345678";
LUser.PackageOrAddonId = "A:28001"; // starting with 'P' is Package ID & 'A' is Addon ID
LUser.UPN = "apiuser2@comptest.qa";
LUser.SIPAddress = "apiuser2@comptest.qa";
ResponseArguments RAgs = svc.AddLyncUser(276, LUser); //204 is Subscription/Hosting ID

```

AddSIPDomain:

```

MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
ResponseArguments RAgs = svc.AddSIPDomain(276, "sampledomain.com", false);
Lbl_Message.Text = RAgs.ResponseMessage;

```

CancelCustomer:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAuthenticationHeaderValue = MPHeader;
ResponseArguments Args = svc.CancelCustomer(1836);
```

CancelReseller:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAuthenticationHeaderValue = MPHeader;
ResponseArguments Args = svc.CancelReseller(2044);
```

CancelWHMCSAddOn:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAuthenticationHeaderValue = MPHeader;
ResponseArguments Args = svc.CancelWHMCSAddOn("1", "1936", "1423", "2088");
```

CheckDomainAvailability:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAuthenticationHeaderValue = MPHeader;
ResponseArguments Args = svc.CheckDomainAvailability("google", "com", "7");
```

CreateCustomer:

```
MachPanelService svc = new MachPanelService();
svc.Url = "http://localhost:1234";
svc.MPAuthenticationHeaderValue = MPHeader;
Customer c = new Customer();
c.Address1 = "H # 123 ABC";
c.Address2 = "";
c.City = "New City";
c.CustomerNumber = "Cust 1";
c.DateCreated = DateTime.Today;
c.Fax = "";
c.FirstName = "Michal";
c.IsTaxable = true;
c.LastName = "Clark";
c.Mobile = "+123 456 789";
c.PassportLogin = "mylogin@mydomain.com";
c.PassportPassword = "myLoginPassw0rd";
c.Phone = "";
c.PhoneCountryCode = "";
c.PrimaryEmail = "myemail@mydomain.com";
c.Province = "Prov 1";
c.ResellerId = 0;
c.SecondaryEmail = "mysecondemail@mydomain.com";
c.Zip = "1234";
c.Country = new CountryInfo();
c.Country.CountryId = 5; // Can be obtained from svc.GetCountries()
c.State = new StateInfo();
c.State.StateId = 10; // Can be obtained from svc.GetStates(CountryId)
c.LocaleId = 20; // Can be obtained from svc.GetLocales()
ResponseArguments Args = svc.CreateCustomer(c);
```

CreateReseller:

```
ResellerCustomer c = new ResellerCustomer();
c.Address1 = "TxBx_Address";
c.Address2 = "TxBx_Address2";
c.BillingDay = "10";
c.BillingEmail = "bill@mydomain.com";
c.BillingPhone = "+1.123456789";
c.BillingSignature = "Manager Billing";
c.City = "TxBx_City";
c.CustomerNumber = "100";
c.CompanyAddress1 = "Address1";
c.CompanyAddress2 = "Address2";
c.CompanyCity = "City";
c.CompanyCountry = new CountryInfo();
c.CompanyCountry.CountryId = 1;
c.CompanyFax = "+1.123456789";
c.CompanyName = "mydomian";
c.CompanyPhone = "+1.123456789";
c.CompanyProvince = "Province";
c.CompanyState = new StateInfo();
c.CompanyState.StateId = 0;
c.CompanyZipCode = "520KK";
c.CustomerLocale = new LocaleInfo();
c.LocaleId = 1;
c.IsCompanyAdmin = true;
c.IsFraud = false;
c.SalesEmail = "sales@mydomain.com";
c.SalesPhone = "+1.123456789";
c.SalesSignature = "Manager Sales";
c.SupportEmail = "support@mydomain.com";
c.SupportPhone = "+1.123456789";
c.SupportSignature = "Manager Support";
c.WebURL = "http://www.mydomain.com";
c.DateCreated = DateTime.Today;
c.Fax = "+1.123456789";
c.FirstName = "TxBx_FirstName";
c.IsTaxable = true;
c.LastName = "TxBx_LastName";
c.Mobile = "+1.123456789";
c.PassportLogin = "passportlogin@mydomain.com";
c.PassportPassword = "password";
c.Phone = "+1.123456789";
c.PhoneCountryCode = "001";
c.PrimaryEmail = "passportlogin@mydomain.com";
c.Province = "myprovince";
c.ResellerId = 0;
c.SecondaryEmail = "passportlogin2@mydomain.com";
c.Zip = "5200";
c.Country = new CountryInfo();
c.Country.CountryId = 1;
c.State = new StateInfo();
c.State.StateId = 0;

MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAuthenticationHeaderValue = MPHeader;
ResponseArguments Args = svc.CreateReseller(c);
```

DeleteCreditCard:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
ResponseArguments Args = svc.DeleteCreditCard(1836); //1836 is integer CardId.
```

DeleteLyncPhoneGroup:

```
MachPanelService svc = new MachPanelService();
svc.Url = "http://localhost:1234";
svc.MPAAuthenticationHeaderValue = MPHeader;
ResponseArguments RAgS = svc.DeleteLyncPhoneGroup(13); // 13 is PhoneGroupID
```

DeleteLyncPhoneNumbers:

```
MachPanelService svc = new MachPanelService();
svc.Url = "http://localhost:1234";
svc.MPAAuthenticationHeaderValue = MPHeader;
PhoneNumber[] LyncPNumbers = new PhoneNumber[1];
PhoneNumber PNumber1 = new PhoneNumber();
PNumber1.Number = "+12345678";
LyncPNumbers[0] = PNumber1;
ResponseArguments RAgS = svc.DeleteLyncPhoneNumbers(13, LyncPNumbers);
// 13 is PhoneGroupID
```

DeleteLyncUser:

```
MachPanelService svc = new MachPanelService();
svc.Url = "http://localhost:1234";
svc.MPAAuthenticationHeaderValue = MPHeader;
ResponseArguments RAgS = svc.DeleteLyncUser(204, 15);
//204 is Subscription/Hosting ID & 15 is LyncUser ID
```

DeleteSIPDomain:

```
MachPanelService svc = new MachPanelService();
svc.Url = "http://localhost:1234";
svc.MPAAuthenticationHeaderValue = MPHeader;
ResponseArguments RAgS = svc.DeleteSIPDomain(204, "mydomain.com");
// 204 is Subscription/Hosting ID
```

DeleteWHMCSAddOn:


```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
ResponseArguments Args = svc.DeleteWHMCSAddOn("1836"); //1836 is string AddOnId.
```

DeleteWHMCSUser:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
ResponseArguments Args = svc.DeleteWHMCSUser("1836"); //1836 is string WHMCSUserId.
```

EditLyncUser:

```
MachPanelService svc = new MachPanelService();
svc.Url = "http://localhost:1234";
svc.MPAAuthenticationHeaderValue = MPHeader;
LyncUser LUser = new LyncUser();
LUser.LyncUserID = 15;
LUser.LastName = "Waltz";
LUser.LineURI = "+12345678";
LUser.Address = "Street 12 LA";
LUser.Email = "john@sampledomain.com";
ResponseArguments RAGs = svc.EditLyncUser(204, LUser); //204 is Subscription/Hosting ID
```

GetActiveDirectoryUsers:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
ActiveDirectoryUser[] UsersList;
UsersList = svc.GetActiveDirectoryUsers(1836, 920, 16);
```

GetOrgUsers:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
ActiveDirectoryUser[] ADUs = svc.GetOrgUsers("", 0, "", "", "", "", "");
```

AddADUser:

```

MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAuthenticationHeaderValue = MPHeader;

ActiveDirectoryUser ADU = new ActiveDirectoryUser();
ADU.HostedOrgId = 1897;
ADU.CustomerId = 1919;
ADU.UserPrincipalName = "test@testdomain.com";
ADU.FirstName = "f";
ADU.LastName = "l";
ADU.UserDisplayName = "dn";
ADU.Email = "test@test.com";
ADU.Password = "samplePassw0rd";
ADU.City = "c";
ADU.State = "s";
ADU.Zip = "z";

CountryInfo CInfo = new CountryInfo();
CInfo.CountryName = "canada";
ADU.Country = CInfo;

ResponseArguments RArgs = svc.AddADUser(ADU);

```

UpdateADUser:

```

MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAuthenticationHeaderValue = MPHeader;

ActiveDirectoryUser ADU = new ActiveDirectoryUser();
ADU.UserId = 7003;
ADU.FirstName = "f";
ADU.LastName = "l";
ADU.UserDisplayName = "dn";
ADU.Email = "test@test.com";

CountryInfo CInfo = new CountryInfo();
CInfo.CountryName = "italy";
ADU.Country = CInfo;

ResponseArguments RArgs = svc.UpdateADUser(ADU);

```

ChangePassword:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;

ActiveDirectoryUser ADU = new ActiveDirectoryUser();
ADU.UserId = 7003;
ADU.Password = "samplePassw0rd";

ResponseArguments RArgs = svc.ChangePassword(ADU);
```

RemoveUser:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;

ResponseArguments RArgs = svc.RemoveUser(7058);
```

EnableDisableUser:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;

ResponseArguments RArgs = svc.EnableDisableUser(7058, false);
```

UnlockUser:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;

ResponseArguments RArgs = svc.UnlockUser(7058);
```

GetAddOns:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
AddOnInfo[] AddOnList;
AddOnList = svc.GetAddOns(1836, 920, 16);
```

GetAddOnsBySubscription:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
addOnInfo[] addOnList;
addOnList = svc.GetAddOnsBySubscription(1836, 920, ServiceTypes.Exchange_Hosting);
```

GetAllCreditCards:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
creditCardInfo[] cards;
cards = svc.GetAllCreditCards();
```

GetAllCustomers:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
Customer[] customersList;
customersList = svc.GetAllCustomers();
```

GetAllPaymentGroups:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
PaymentGroup[] PGList;
PGList = svc.GetAllPaymentGroups();
```

GetAllResellers:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
Customer[] customersList;
customersList = svc.GetAllResellers();
```

GetAllSubscriptions:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
SubscriptionInfo[] subList;
subList = svc.GetAllSubscriptions();
```

GetAvailableServices:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
EnumIntegerExtension[] srvList;
srvList = svc.GetAvailableServices();
```

GetBillingCycles:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
BillingCycle[] bCycle;
bCycle = svc.GetBillingCycles(1245,1);
```

GetCRMOrganizationUsageReport:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
ReportingCriteria RC = new ReportingCriteria();
RC.CompanyId = 1;
RC.CompanyName = "";
RC.CRMOrgDisplayName = "";
RC.CustomerId = 1936;
RC.CustomerName = "";
RC.OrganizationName = "";
RC.SharePointSiteUrl = "";

CRMUsageReport[] CRMReport;
CRMReport = svc.GetCRMOrganizationUsageReport(RC);
```

GetCompanySettings:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
CompanySettings Setting = svc.GetCompanySettings();
```

GetCountries:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
CountryInfo[] cList;
cList = svc.GetCountries();
```

GetCreditCardTypes:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
CreditCardTypes[] cList;
cList = svc.GetCreditCardTypes();
```

GetCustomerByCredentials:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
Customer c = svc.GetCustomerByCredentials("mycplogin@cphost.com","password");
```

GetDomainCycles:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
BillingCycle[] bCycle;
bCycle = svc.GetDomainCycles(2715,1);
```

GetExchangeMailboxUsageReport:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
ReportingCriteria RC = new ReportingCriteria();
RC.CompanyId = 1;
RC.CompanyName = "";
RC.CustomerId = 1936;
RC.CustomerName = "";
RC.OrganizationName = "";

MailBoxUsageReport[] MBUsageReport;
MBUsageReport = svc.GetExchangeMailboxUsageReport(RC);
```

GetExchangeOrganizationUsageReport:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
ReportingCriteria RC = new ReportingCriteria();
RC.CompanyId = 1;
RC.CompanyName = "";
RC.CustomerId = 1936;
RC.CustomerName = "";
RC.OrganizationName = "";

ExchangeUsageReport[] ExUsageReport;
ExUsageReport = svc.GetExchangeOrganizationUsageReport(RC);
```

GetFilteredCreditCards:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
FilterCriteria FC = new FilterCriteria();
FC.Card4Digits = "";
FC.CardNumber = "";
FC.CardStatus = 1;
FC.CardType = 1;
FC.CustomerId = 1936;
FC.CustomerName = "";

CreditCardInfo[] cards;
cards = svc.GetFilteredCreditCards(FC);
```

GetISOCurrencies:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;

CurrencyInfo[] c;
c = svc.GetISOCurrencies();
```

GetJobStatus:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;

ResponseArguments Args = svc.GetJobStatus(920, "J101");
```

GetLocales:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;

LocaleInfo[] lInfo;
lInfo = svc.GetLocales();
```

GetLyncAddonPolicies:

```
MachPanelService svc = new MachPanelService();
svc.Url = "http://localhost:1234";
svc.MPAAuthenticationHeaderValue = MPHeader;
Policies AddonPolicy = svc.GetLyncAddonPolicies(15, 105);
// where 15 is Subscription ID and 105 is Sold Addon ID
```

GetLyncAddonResources:

```
MachPanelService svc = new MachPanelService();
svc.Url = "http://localhost:1234";
svc.MPAAuthenticationHeaderValue = MPHeader;
ResourceInfo[] ResInfo = svc.GetLyncAddonResources(15, 105);
// where 15 is Subscription ID and 105 is Sold Addon ID
```

GetLyncOrganizationUsageReport:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
ReportingCriteria RC = new ReportingCriteria();
RC.CompanyId = 1;
RC.CompanyName = "";
RC.CustomerId = 1936;
RC.CustomerName = "";
RC.OrganizationName = "";

LyncUsageReport[] ocsUsageReport;
ocsUsageReport = svc.GetLyncOrganizationUsageReport(RC);
```

GetLyncPackageAndAddonsForNewUserAssignment:

```
MachPanelService svc = new MachPanelService();
svc.Url = "http://localhost:1234";
svc.MPAAuthenticationHeaderValue = MPHeader;
PlanAndAddons[] PackAndAddons = svc.GetLyncPackageAndAddonsForNewUserAssignment(204);
//204 is Subscription/Hosting ID
```

GetLyncPhoneGroup:

```
MachPanelService svc = new MachPanelService();
svc.Url = "http://localhost:1234";
svc.MPAAuthenticationHeaderValue = MPHeader;
PhoneGroup LyncPGroup = svc.GetLyncPhoneGroup(201); // 201 is Customer ID
```

GetLyncPhoneGroups:

```
MachPanelService svc = new MachPanelService();
svc.Url = "http://localhost:1234";
svc.MPAAuthenticationHeaderValue = MPHeader;
PhoneGroup[] LyncPGroups = svc.GetLyncPhoneGroups();
```


GetLyncPhoneNumbers:

```
MachPanelService svc = new MachPanelService();
svc.Url = "http://localhost:1234";
svc.MPAAuthenticationHeaderValue = MPHeader;
PhoneNumber[] LyncPNumbers = svc.GetLyncPhoneNumbersForAssignment(204);
//204 is Subscription/Hosting ID
```

GetLyncPhoneNumbersForAssignment:

```
MachPanelService svc = new MachPanelService();
svc.Url = "http://localhost:1234";
svc.MPAAuthenticationHeaderValue = MPHeader;
PhoneNumber[] LyncPNumbers = svc.GetLyncPhoneNumbersForAssignment(204);
//204 is Subscription/Hosting ID
```

GetLyncSoldAddons:

```
MachPanelService svc = new MachPanelService();
svc.Url = "http://localhost:1234";
svc.MPAAuthenticationHeaderValue = MPHeader;
SoldAddonInfo[] SAddonInfo = svc.GetLyncSoldAddons(12); // where 12 is Subscription ID
```

GetLyncSubscriptionPolicies:

```
MachPanelService svc = new MachPanelService();
svc.Url = "http://localhost:1234";
svc.MPAAuthenticationHeaderValue = MPHeader;
Policies SubPolicy = svc.GetLyncSubscriptionPolicies(15); // 15 is Subscription ID
```

GetLyncSubscriptionResources:

```
MachPanelService svc = new MachPanelService();
svc.Url = "http://localhost:1234";
svc.MPAAuthenticationHeaderValue = MPHeader;
ResourceInfo[] ResInfo = svc.GetLyncSubscriptionResources(15); // 15 is Subscription ID
```

GetLyncUser:

```
MachPanelService svc = new MachPanelService();
svc.Url = "http://localhost:1234";
svc.MPAAuthenticationHeaderValue = MPHeader;
LyncUser LyncUser = svc.GetLyncUser(204, 20);
//204 is Subscription/Hosting ID, 20 is LyncUser ID
```

GetLyncUserUsageReport:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
ReportingCriteria RC = new ReportingCriteria();
RC.CompanyId = 1;
RC.CompanyName = "";
RC.CustomerId = 1936;
RC.CustomerName = "";
RC.OrganizationName = "";

LyncUserUsageReport[] ocsUserUsageReport;
ocsUserUsageReport = svc.GetLyncUserUsageReport(RC);
```

GetLyncUsers:

```
MachPanelService svc = new MachPanelService();
svc.Url = "http://localhost:1234";
svc.MPAAuthenticationHeaderValue = MPHeader;
LyncUserSummary[] LyncUsers = svc.GetLyncUsers(204); //204 is Subscription/Hosting ID
```

GetOrganizationalUnits:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
OrganizationalUnit[] orgList;
orgList = svc.GetOrganizationalUnits(1936,1204,16);
```

GetOrgUnits:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
OrganizationalUnitDetail[] OUs = svc.GetOrgUnits("test", 0, "", "", "");
```

CreateOrganizationalUnit:

```

MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;

CountryInfo CInfo = new CountryInfo();
string[] UPNSuffixes = new string[1];
UPNSuffixes[0] = "test123.com";
CInfo.CountryName = "netherland";
OrganizationalUnitDetail OU = new OrganizationalUnitDetail();
OU.ADDomainId = 65;
OU.ParentOULdap = "LDAP://ou=test,dc=test,dc=local";
OU.CustomerId = 2372;
OU.OrganizationName = "test org";
OU.UPNSuffixes = UPNSuffixes;
OU.Address = "address";
OU.City = "c";
OU.State = "s";
OU.Zip = "z";
OU.Country = CInfo;
OU.Description = "desc";
OU.ADSyncEnabled = true;
OU.ADSyncTemplate = "test 2";

ResponseArguments RArgs = svc.CreateOrganizationalUnit(OU);

```

UpdateOrganizationalUnit:

```

MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;

OrganizationalUnitDetail OU = new OrganizationalUnitDetail();
OU.OrganizationId = 1968;
OU.OrganizationName = "sp2016tc";
OU.Address = "address";
OU.City = "c";
OU.State = "s";
OU.Zip = "z";
OU.Description = "desc";
OU.ADSyncEnabled = false;
OU.ADSyncTemplate = "";

ResponseArguments RArgs = svc.UpdateOrganizationalUnit(OU);

```

RemoveOrganizationalUnit:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;

ResponseArguments RArgs = svc.RemoveOrganizationalUnit(1234);
```

GetPlansByPaymentGroup:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
HostingPlan[] planList;
planList = svc.GetPlansByPaymentGroup(16, "1", true);
```

GetPlansList:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
HostingPlan[] planList;
planList = svc.GetPlansList(16, true);
```

GetResellerByCredentials:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
ResellerCustomer res = svc.GetResellerByCredentials("ResellerCustomer@cp.com", "password");
```

GetSIPDomains:

```
MachPanelService svc = new MachPanelService();
svc.Url = "http://localhost:1234";
svc.MPAAuthenticationHeaderValue = MPHeader;
String[] SIPDomains = svc.GetSIPDomains(204); // 204 is Subscription/Hosting ID
```

GetSharePointOrganizationUsageReport:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
ReportingCriteria RC = new ReportingCriteria();
RC.CompanyId = 1;
RC.CompanyName = "";
RC.CustomerId = 1936;
RC.CustomerName = "";
RC.OrganizationName = "";
RC.SharePointSiteUrl = "";

SharePointUsageReport[] SPUsageReport;
SPUsageReport = svc.GetSharePointOrganizationUsageReport(RC);
```

GetSharePointPackageTemplates:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
PortalTemplates[] res = svc.GetSharePointPackageTemplates("1206");
```

GetStates:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
StateInfo[] res = svc.GetStates(1);
```

GetSubscriptionsByCriteria:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
SubscriptionCriteria SC = new SubscriptionCriteria();
SC.AccountId = 820;
SC.CustomerId = 1936;
SC.CustomerName = "";
SC.DomainName = "";
SC.PackageTypeId = 16;
SC.Status = 1;
SC.Trial = 0;

SubscriptionInfo[] res = svc.GetSubscriptionsByCriteria(SC);
```

GetTLDCategories:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
TLDCategories[] res = svc.GetTLDCategories();
```

GetTLDLegalTypes:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
TLDLegalTypes[] res = svc.GetTLDLegalTypes();
```

GetTLDPPrice:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
TLDPPriceInfo res = svc.GetTLDPPrice(215, 1, 5);
```

GetTLDPurpose:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
TLDPurpose[] res = svc.GetTLDPurpose();
```

GetTLDs:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
TLDInfo[] res = svc.GetTLDs();
```

GetTLDsByPaymentGroup:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
TLDInfo[] res = svc.GetTLDsByPaymentGroup(1);
```

GetTaxationSettings:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
TaxationSettings res = svc.GetTaxationSettings(1936);
```

LoginExists:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
bool res = svc.LoginExists("mylogin@cp.com");
return res;
```

ResetCustomerPassword:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
ResponseArguments res = svc.ResetCustomerPassword("mylogin@cp.com", "newpassword", true);
```

ResetEmployeePassword:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
ResponseArguments res = svc.ResetEmployeePassword("employeelogin@cp.com", "newpassword");
```

ResetWHMCSUserPassword:

```

MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
ResponseArguments res = svc.ResetWHMCSUserPassword("whmcsuser45", "newpassword");

```

SaveCreditCard:

```

MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
CreditCardInfo cardInfo = new CreditCardInfo();
cardInfo.AllowPaymentByCard = true;
cardInfo.CardHolderCity = "mycity";
CountryInfo country = new CountryInfo();
country.CountryId = 1;
country.CountryISOCode = "US";
country.CountryName = "United States";
country.CountryPhoneCode = "001";
cardInfo.CardHolderCountry = country;
StateInfo state = new StateInfo();
state.StateCode = "NY";
state.StateCountryId = 1;
state.StateId = 1;
state.StateName = "NewYork";
cardInfo.CardHolderCountryState = state;
cardInfo.CardHolderEmail = "myemail@gmail.com";
cardInfo.CardHolderFax = "+1.123456789";
cardInfo.CardHolderMobileNo = "+1.123456789";
cardInfo.CardHolderName = "Smith";
cardInfo.CardHolderPhoneNo = "+1.123456789";
cardInfo.CardHolderPrimaryAddress = "Primary address here";
cardInfo.CardHolderProvince = "";
cardInfo.CardHolderSecondaryAddress = "Secondary address here";
cardInfo.CardHolderZipCode = "KK3224";
cardInfo.CardId = 20;
cardInfo.CardNumber = "4111111111111111";
cardInfo.CardStatus = CreditCardStatuses.OK;
CreditCardTypes ctype = new CreditCardTypes();
ctype.TypeId = 1;
ctype.TypeName = "VISA";
cardInfo.CardType = ctype;
cardInfo.CustomerId = 1936;
cardInfo.CustomerName = "Smith";
cardInfo.CVV2CVC2 = "123";
cardInfo.ExpiryMonth = "12";
cardInfo.ExpiryYear = "2020";
cardInfo.UseCardForRecurringPayments = false;

ResponseArguments res = svc.SaveCreditCard(25, cardInfo);

```

SayHelloToPHP:


```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
string res = svc.SayHelloToPHP("wserviceid", "mydomain.com", "wUserId", null, null);
```

SetDefaultSIPDomain:

```
MachPanelService svc = new MachPanelService();
svc.Url = "http://localhost:1234";
svc.MPAAuthenticationHeaderValue = MPHeader;
ResponseArguments RAgs = svc.SetDefaultSIPDomain(204, "mydomain.com");
// 204 is Subscription/Hosting ID
```

SetLyncSoldAddonPolicies:

```
MachPanelService svc = new MachPanelService();
svc.Url = "http://localhost:1234";
svc.MPAAuthenticationHeaderValue = MPHeader;
Policies SubPolicy = new Policies();
SubPolicy.TelephonyOption = TelephonyOptions.AudioOrVideo_Disabled;
SubPolicy.DialPlan = "Plan1";
SubPolicy.VoicePolicy = "VPolicy";
SubPolicy.ConferencingPolicy = "ConPolicy";
SubPolicy.ClientVersionPolicy = "CVPolicy";
SubPolicy.PinPolicy = "PPolicy";
SubPolicy.ArchivingPolicy = "APolicy";
SubPolicy.ExternalAccessPolicy = "EAPolicy";
SubPolicy.LocationPolicy = "LPolicy";
SubPolicy.ClientPolicy = "CPolicy";
SubPolicy.MobilityPolicy = "MPolicy";
SubPolicy.PersistentChatPolicy = "PCPolicy";
SubPolicy.PersistentChatEnabled = true;
ResponseArguments RAgs = svc.SetLyncSoldAddonPolicies(12, 105, SubPolicy);
// where 12 is Subscription ID and 105 is the sold addon id
```

SetLyncAddonResources:

```

MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
List<ResourceInfo> resources = new List<ResourceInfo>();
ResourceInfo R1 = new ResourceInfo();
R1.ResourceId = 500;
R1.ResourceName = "Public Folder";
R1.ResourceQuantity = "20";
R1.ResourceUnit = "1";
resources.Add(R1);

ResourceInfo R2 = new ResourceInfo();
R2.ResourceId = 501;
R2.ResourceName = "Public Folder Size";
R2.ResourceQuantity = "1024";
R2.ResourceUnit = "MB";
resources.Add(R2);

ResponseArguments res = svc.SetLyncSoldAddonResources(920, 2882, resources.ToArray());

```

SetLyncSubscriptionPolicies:

```

MachPanelService svc = new MachPanelService();
svc.Url = "http://localhost:1234";
svc.MPAAuthenticationHeaderValue = MPHeader;
Policies SubPolicy = new Policies();
SubPolicy.TelephonyOption = TelephonyOptions.AudioOrVideo_Disabled;
SubPolicy.DialPlan = "Plan1";
SubPolicy.VoicePolicy = "VPolicy";
SubPolicy.ConferencingPolicy = "ConPolicy";
SubPolicy.ClientVersionPolicy = "CVPolicy";
SubPolicy.PinPolicy = "PPolicy";
SubPolicy.ArchivingPolicy = "APolicy";
SubPolicy.ExternalAccessPolicy = "EAPolicy";
SubPolicy.LocationPolicy = "LPolicy";
SubPolicy.ClientPolicy = "CPolicy";
SubPolicy.MobilityPolicy = "MPolicy";
SubPolicy.PersistentChatPolicy = "PCPolicy";
SubPolicy.PersistentChatEnabled = true;
ResponseArguments RAGs = svc.SetLyncSubscriptionPolicies(8, SubPolicy);
// where 8 is subscription ID

```

SetLyncSubscriptionResources:

```

MachPanelService svc = new MachPanelService();
svc.Url = "http://localhost:1234";
svc.MPAAuthenticationHeaderValue = MPHeader;
ResourceInfo[] ResInfoList = new ResourceInfo[1];
ResourceInfo ResInfo = new ResourceInfo();
ResInfo.ResourceId = 801;
ResInfo.ResourceName = "Users";
ResInfo.ResourceQuantity = "100";
ResInfo.ResourceUnit = "";
ResInfoList[0] = ResInfo;
ResponseArguments RAgs = svc.SetLyncSubscriptionResources(10, ResInfoList);
// 10 is Subscription ID

```

SetLyncUserPassword:

```

MachPanelService svc = new MachPanelService();
svc.Url = "http://localhost:1234";
svc.MPAAuthenticationHeaderValue = MPHeader;
LyncUser LUser = new LyncUser();
LUser.LyncUserID = 15;
LUser.Password = "@Wa145tztgs";
ResponseArguments RAgs = svc.SetLyncUserPassword(204, LUser);
//204 is Subscription/Hosting ID

```

SubmitWHMCSOrder:

```

MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
Customer C = new Customer();
C.CustomerId = Convert.ToInt32(WUserId);
ResponseArguments res = svc.SubmitWHMCSOrder("920", "1240", "whmcstestorder.com",C,null);

```

SubscribeAddOnHosting:

```

MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
AddOnHosting hosting = new AddOnHosting();
hosting.AddOnId = 28800;
hosting.AddOnQuantity = 10;
hosting.CycleId = 1;
hosting.DomainName = "testdomain.com";
hosting.HasAddOns = true;
hosting.HostingTypeId = 1;
ResponseArguments res = svc.SubscribeAddOnHosting(hosting, true);

```

SubscribeCRMHosting:

```

MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
CRMHosting hosting = new CRMHosting();
hosting.AdminEmail = "admin@myorg.com";
hosting.AdminfirstName = "admin";
hosting.AdminlastName = "lastname";
hosting.ADUserId = 20;
hosting.CurrencyId = 1;
hosting.CycleId = 1;
hosting.LocaleId = 1;
hosting.OrganizationDisplayname = "myorg";
hosting.OrganizationUniqueName = "myorg";
OrganizationalUnit myOU = new OrganizationalUnit();
myOU.ADDomainId = 23;
myOU.OrganizationInternalName = "ouInName";
myOU.OrganizationName = "myorg";
hosting.OU = myOU;
hosting.PackageId = 1200;
hosting.DomainName = "testdomain.com";
hosting.HasAddOns = true;
hosting.HostingTypeId = 14;
hosting.PaymentGroupId = 25;
hosting.ServerId = 20;
hosting.SignUpDate = DateTime.Today;
hosting.Status = ServiceStatus.Pending;
ResponseArguments res = svc.SubscribeCRMHosting(hosting, true);

```

SubscribeDomainService:

```

MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
DomainNameService hosting = new DomainNameService();
hosting.Category = "C11";
hosting.CountryId = 1;
hosting.IDCardVATNumber = "123-1234567";
hosting.LegalType = "ABO";
hosting.OrderType = DomainOrderTypes.Registration;
hosting.Purpose = "P1";
hosting.CycleId = 1;
hosting.RegistrantType = RegistrantTypeEnum.individual;
hosting.RegistrarId = 15;
hosting.TLDId = 245;
hosting.PackageId = 1200;
hosting.DomainName = "testdomain.com";
hosting.HasAddOns = true;
hosting.HostingTypeId = 10;
hosting.PaymentGroupId = 25;
hosting.ServerId = 20;
hosting.SignUpDate = DateTime.Today;
hosting.Status = ServiceStatus.Pending;
ResponseArguments res = svc.SubscribeDomainService(hosting, true);

```

SubscribeExchangeHosting:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
ExchangeHosting hosting = new ExchangeHosting();
hosting.CycleId = 1;
OrganizationalUnit myOU = new OrganizationalUnit();
myOU.ADDomainId = 23;
myOU.OrganizationInternalName = "ouInName";
myOU.OrganizationName = "myorg";
hosting.OU = myOU;
hosting.PackageId = 1200;
hosting.DomainName = "testdomain.com";
hosting.HasAddOns = true;
hosting.HostingTypeId = 16;
hosting.ServerId = 50;
hosting.PaymentGroupId = 1;
hosting.SignUpDate = DateTime.Today;
hosting.Status = ServiceStatus.Pending;
ResponseArguments res = svc.SubscribeExchangeHosting(hosting, true);
```

SubscribeLyncHosting:

```
MachPanelService svc = new MachPanelService();
svc.Url = "http://localhost:1234";
svc.MPAAuthenticationHeaderValue = MPHeader;
LyncHosting lh = new LyncHosting();
lh.OU = new OrganizationalUnit();
lh.OU.OrganizationName = "Test Organization";
lh.Comments = "My Comments";
lh.CustomerId = 15;           // Where 15 is customer id
lh.CycleId = 12;            // Where 12 is payment cycle id
lh.DomainName = "MyTestDomain.com";
lh.HostingTypeId = 18;      // Where 18 is hosting type id for Lync
lh.PackageId = 123;        // Where 123 is package id
lh.PaymentGroupId = 56;
lh.ServerId = 71;
lh.SignUpDate = DateTime.Today;
lh.Status = ServiceStatus.Pending;
ResponseArguments Args = svc.SubscribeLyncHosting (lh, true);
// true is a flag to specify whether to send invoice email or not
```

SubscribeMiscHosting:

```

MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
MiscHosting hosting = new MiscHosting();
hosting.CycleId = 1;
hosting.PackageId = 1200;
hosting.DomainName = "testdomain.com";
hosting.HasAddOns = true;
hosting.HostingTypeId = 8;
hosting.ServerId = 50;
hosting.PaymentGroupId = 1;
hosting.Quantity = 5;
hosting.SignUpDate = DateTime.Today;
hosting.Status = ServiceStatus.Pending;
ResponseArguments res = svc.SubscribeMiscHosting(hosting, true);

```

SubscribeMultiple:

```

MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
List<ServiceHostingBase> hostings = new List<ServiceHostingBase>();
MiscHosting Mischoosting = new MiscHosting();
Mischoosting.CycleId = 1;
Mischoosting.PackageId = 1200;
Mischoosting.DomainName = "testdomain.com";
Mischoosting.HasAddOns = true;
Mischoosting.HostingTypeId = 8;
Mischoosting.ServerId = 50;
Mischoosting.PaymentGroupId = 1;
Mischoosting.Quantity = 5;
Mischoosting.SignUpDate = DateTime.Today;
Mischoosting.Status = ServiceStatus.Pending;
hostings.Add(Mischoosting);

ExchangeHosting Exchoosting = new ExchangeHosting();
Exchoosting.CycleId = 1;
OrganizationalUnit myOU = new OrganizationalUnit();
myOU.ADDomainId = 23;
myOU.OrganizationInternalName = "ouInName";
myOU.OrganizationName = "myorg";
Exchoosting.OU = myOU;
Exchoosting.PackageId = 1200;
Exchoosting.DomainName = "testdomain.com";
Exchoosting.HasAddOns = true;
Exchoosting.HostingTypeId = 16;
Exchoosting.ServerId = 50;
Exchoosting.PaymentGroupId = 1;
Exchoosting.SignUpDate = DateTime.Today;
Exchoosting.Status = ServiceStatus.Pending;
hostings.Add(Exchoosting);

ResponseArguments[] res = svc.SubscribeMultiple(hostings.ToArray(), 1936, 1, true);

```

SubscribeSSLService:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
SSLService hosting = new SSLService();
hosting.CycleId = 1;
hosting.PackageId = 1200;
hosting.DomainName = "testdomain.com";
hosting.HasAddOns = true;
hosting.HostingTypeId = 8;
hosting.ServerId = 50;
hosting.PaymentGroupId = 1;
SSLDigiCertClientProfile CP = new SSLDigiCertClientProfile();
CP.Address = "street 10, Orchard Town.";
CP.City = "NewYork";
CountryInfo CountryDetails = new CountryInfo();
CountryDetails.CountryId = 1;
CountryDetails.CountryISOCODE = "US";
CountryDetails.CountryName = "United States";
CP.Country = CountryDetails;
CP.CSRKey = "ABCDEFGHJKLMNOPQRSTUVWXYZ0123456789";
CP.OrganizationName = "NIB Bank";
CP.OrgContactEmail = "support@nib.com";
CP.OrgContactFirstName = "NIB";
CP.OrgContactLastName = "BIN";
CP.Phone = "+1.123456789";
CP.Province = "";
StateInfo s = new StateInfo();
s.StateId = 1;
CP.State = s;
CP.SansToSecureInACertificate = "www.example.com,a.example.com,b.example.com";
CP.ZipORPostalCode = "332 KK";
hosting.ClientProfile = CP;
hosting.SignUpDate = DateTime.Today;
hosting.Status = ServiceStatus.Pending;
ResponseArguments res = svc.SubscribeSSLService(hosting, true);
```

SubscribeSharePointHosting:

```

MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
SharePointHosting hosting = new SharePointHosting();
hosting.AdminEmail = "admin@myorg.com";
hosting.AdminUserId = 1;
hosting.AdminUserName = "Portal Admin";
hosting.Comments = "Test order";
hosting.PortalName = "myorg Portal";
hosting.PortalTitle = "myorg Portal";
hosting.TemplateId = "20";
hosting.CycleId = 1;
hosting.LocaleId = 1;
OrganizationalUnit myOU = new OrganizationalUnit();
myOU.ADDomainId = 23;
myOU.OrganizationInternalName = "ouInName";
myOU.OrganizationName = "myorg";
hosting.OU = myOU;
hosting.PackageId = 1200;
hosting.DomainName = "testdomain.com";
hosting.HasAddOns = true;
hosting.HostingTypeId = 14;
hosting.PaymentGroupId = 25;
hosting.ServerId = 20;
hosting.SignUpDate = DateTime.Today;
hosting.Status = ServiceStatus.Pending;
ResponseArguments res = svc.SubscribeSharePointHosting(hosting, true);

```

SubscribeVPSHosting:

```

MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
VPSHosting hosting = new VPSHosting();
hosting.CompanyId = 1;
hosting.CustomerId = 1936;
hosting.CycleId = 1;
hosting.PackageId = 1200;
hosting.DomainName = "testdomain.com";
hosting.HasAddOns = true;
hosting.HostingTypeId = 8;
hosting.ServerId = 50;
hosting.PaymentGroupId = 1;
hosting.SignUpDate = DateTime.Today;
hosting.Status = ServiceStatus.Pending;
ResponseArguments res = svc.SubscribeVPSHosting(hosting, true);

```

SubscribeWHMCSAddOn:

```

MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
ResponseArguments res = svc.SubscribeWHMCSAddOn("12", "userid35", "1", "2880");

```


SubscribeWebHosting:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
WebHosting hosting = new WebHosting();
hosting.CompanyId = 1;
hosting.CustomerId = 1936;
hosting.CycleId = 1;
hosting.PackageId = 1200;
hosting.DomainName = "testdomain.com";
hosting.HasAddOns = true;
hosting.HostingTypeId = 8;
hosting.ServerId = 50;
hosting.PaymentGroupId = 1;
hosting.SignUpDate = DateTime.Today;
hosting.Status = ServiceStatus.Pending;
ResponseArguments res = svc.SubscribeWebHosting(hosting, true);
```

SwitchLyncSubscription:

```
MachPanelService svc = new MachPanelService();
svc.Url = "http://localhost:1234";
svc.MPAAuthenticationHeaderValue = MPHeader;
ResponseArguments RAgs = svc.SwitchLyncSubscription(15, 105, 10, "Package upgrading to
more users");
// where 15 is Subscription ID, 105 is NewPackageId and 10 is payment cycle ID
```

SwitchSubscriptionPackage:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
ResponseArguments res = svc.SwitchSubscriptionPackage(820, ServiceTypes.Exchange_Hosting, 1240, 1, "Upgrading for more mailboxes.");
```

UpdateCustomer:

```

Customer c = new Customer();
c.Address1 = "TxBx_Address";
c.Address2 = "TxBx_Address2";
c.City = "City";
c.CustomerNumber = "CustomerNo";
c.DateCreated = DateTime.Today;
c.Fax = "+1.123456789";
c.FirstName = "FirstName";
c.IsTaxable = true;
c.LastName = "LastName";
c.Mobile = "+1.123456789";
c.PassportLogin = "mylogin@cp.com";
c.PassportPassword = "LoginPassword";
c.Phone = "+1.123456789";
c.PhoneCountryCode = "+1";
c.PrimaryEmail = "mylogin@cp.com";
c.Province = "";
c.ResellerId = 0;
c.SecondaryEmail = "smylogin@cp.com";
c.Zip = "32 KK";
c.Country = new CountryInfo();
c.Country.CountryId = 1;
c.State = new StateInfo();
c.State.StateId = 1;
c.LocaleId = 1;

MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
ResponseArguments Args = svc.UpdateCustomer(c, "1936");

```

UpdateReseller:

```

ResellerCustomer c = new ResellerCustomer();
c.Address1 = "TxBx_Address";
c.Address2 = "TxBx_Address2";
c.BillingDay = "10";
c.BillingEmail = "bill@mydomain.com";
c.BillingPhone = "+1.123456789";
c.BillingSignature = "Manager Billing";
c.City = "TxBx_City";
c.CustomerNumber = "100";
c.CompanyAddress1 = "Address1";
c.CompanyAddress2 = "Address2";
c.CompanyCity = "City";
c.CompanyCountry = new CountryInfo();
c.CompanyCountry.CountryId = 1;
c.CompanyFax = "+1.123456789";
c.CompanyName = "mydomian";
c.CompanyPhone = "+1.123456789";
c.CompanyProvince = "Province";
c.CompanyState = new StateInfo();
c.CompanyState.StateId = 0;
c.CompanyZipCode = "520KK";
c.CustomerLocale = new LocaleInfo();
c.LocaleId = 1;
c.IsCompanyAdmin = true;
c.IsFraud = false;
c.SalesEmail = "sales@mydomain.com";
c.SalesPhone = "+1.123456789";
c.SalesSignature = "Manager Sales";
c.SupportEmail = "support@mydomain.com";
c.SupportPhone = "+1.123456789";
c.SupportSignature = "Manager Support";
c.WebURL = "http://www.mydomain.com";
c.DateCreated = DateTime.Today;
c.Fax = "+1.123456789";
c.FirstName = "TxBx_FirstName";
c.IsTaxable = true;
c.LastName = "TxBx_LastName";
c.Mobile = "+1.123456789";
c.PassportLogin = "passportlogin@mydomain.com";
c.PassportPassword = "password";
c.Phone = "+1.123456789";
c.PhoneCountryCode = "001";
c.PrimaryEmail = "passportlogin@mydomain.com";
c.Province = "myprovince";
c.ResellerId = 0;
c.SecondaryEmail = "passportlogin2@mydomain.com";
c.Zip = "5200";
c.Country = new CountryInfo();
c.Country.CountryId = 1;
c.State = new StateInfo();
c.State.StateId = 0;

MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAAuthenticationHeaderValue = MPHeader;
ResponseArguments Args = svc.UpdateReseller(c, "1860");

```

UpdateSubscriptionStatus:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAuthenticationHeaderValue = MPHeader;
ResponseArguments res = svc.UpdateSubscriptionStatus(820, 16, ServiceActions.Renew, "Renew subscription", true);
```

UpdateWHMCSAccount:

```
MachPanelService svc = new MachPanelService();
svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
svc.MPAuthenticationHeaderValue = MPHeader;
ResponseArguments res = svc.UpdateWHMCSAccount("820", ServiceActions.Renew);
```

SearchEndCustomer:

```
private CustomerResponse[] SearchCustomer(string SearchString)
{
    MachPanelService svc = new MachPanelService();
    svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
    svc.MPAuthenticationHeaderValue = MPHeader;
    CustomerResponse[] CustomerList = svc.SearchEndCustomer("John");
    return CustomerList;
}
```

SearchResellerCustomer:

```
private ResellerResponse[] SearchReseller(string SearchString)
{
    MachPanelService svc = new MachPanelService();
    svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
    svc.MPAuthenticationHeaderValue = MPHeader;
    ResellerResponse[] ResellerList = svc.SearchResellerCustomer("Reseller");
    return ResellerList;
}
```

SearchSubscription:

```
private SubscriptionResponse[] SearchSubscription(string SearchString, int CustomerId)
{
    MachPanelService svc = new MachPanelService();
    svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
    svc.MPAuthenticationHeaderValue = MPHeader;
    SubscriptionResponse[] SubList = svc.SearchSubscription(".com", -1);
    return SubList;
}
```

SearchDomainName:

```
private DomainNameProductResponse[] SearchDomainName(string SearchString)
{
    MachPanelService svc = new MachPanelService();
    svc.Url = ConfigurationManager.AppSettings["ServiceUrl"];
    svc.MPAuthenticationHeaderValue = MPHeader;
    DomainNameProductResponse[] SubList = svc.SearchDomainName(".com");
    return SubList;
}
```

Reference Material:

General Guide Lines:

In above coding samples there is massive use of configuration variable mentioned below, replace this with actual service URL.

```
ConfigurationManager.AppSettings["ServiceUrl"];
```

For general guidelines and sample asp.net test application, please follow below links:

<http://kb.machsol.com/Knowledgebase/Article/50310>

<http://kb.machsol.com/Knowledgebase/Article/50309>

Response Codes:

| Codes | Description |
|--------------------------------------|---|
| Success | The process was successful |
| Authentication_Failed | Authentication failed for the provided user name and password. |
| Required_Field_Missing | Some mandatory field is missing in the request. |
| Invalid_Email_Address | Email address is not in a correct format. |
| Invalid_Domain_Address | Domain address is not in a correct format. |
| Domain_Already_Exists | Failed to add the domain. The requested Domain already exists in the system |
| Organizational_Unit_Already_Exists | Failed to add Organization unit. It already exists. |
| Organization_User_Already_Exists | User already exists in the organization. |
| Database_Error | Error while connecting to the database. |
| Unknown_Error | Unknown error occurred. Please see detail attached. |
| Read_Only_Property | The property can't be set. It is read-only. |
| Customer_Already_Exists | Failed to add customer. Customer already exists. |
| Invalid_Portal_Name | Portal name is incorrect. |
| Invalid_CRM_Organization_Unique_Name | Organization Unique Name is not in a correct format. |

| | |
|---------------------------------------|---|
| Invalid_CRM_Organization_Display_Name | Organization Display Name is not in a correct format. |
| Duplicate_Record | A similar record already exists. |
| Invalid_Operation_Request | The requested operation is not supported. |
| Credit_Card_Already_Exists | Adding new credit card failed. Card already exists. |
| Invalid_PhoneFaxMob_Number | Invalid format for the Phone, Fax or Mobile number. |
| Invalid_Credit_Card_Customer | Credit Card Customer is not valid |
| Client_Limit_Reached | Quota limit exceeded for the desired request. |
| Invalid_Field_Value | Provided value is not valid for the relevant field or property. |