

Shared Hosting - DNS Only Hosting

Summary

This article describes in detail about the Integration of DNS Only Hosting (Shared/Web Hosting) and DNS Only Subscriptions and Management.

Applies To

This article applies to MachPanel v6 and above.

Pre-Requisites

1. MachPanel Control Server has been installed, if not then follow below KB article:
<http://kb.machsol.com/Knowledgebase/Article/50261>
2. MachPanel Remote Server has been installed, if not then follow below KB article:
<http://kb.machsol.com/Knowledgebase/Article/50262>

STEP-1: Integrating DNS Service with MachPanel Web Hosting:

- Open MachPanel Control Panel Website (You can do it by opening MachPanel Control Server Configuration Studio and then navigating to Configure > Control Panel Website, and then clicking on the URL in it). Log in with the provider credentials.
- Add Web Hosting server Group if not added already. Navigate to **Home > Service Director > Web Hosting > Server group** and then click on **Add Server Group**, as we added here in the following Snapshot (e.g: **DNS only**). For more details click [Add Web Hosting Server Group](#)

Home > Service Director > Web Hosting > Server Groups			
Server Groups		Web Hosting Servers	
Operations			
Add Server to Group			
Server group	DNS only Server	Provider	Hostmatic Control Server
Status	Server name ¶	Services ¶	Options
Enabled	DNS only		Services Edit Disable Remove

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- Now click on **Server Group Name**, new tab "Web Hosting Servers" will open and you will also see **Services** in options column.

Home > Service Director > Web Hosting > Server Groups

Server Groups **Web Hosting Servers**

Operations

Add Server to Group

Server group	DNS only Server	Provider	Hostmatic Control Server
Status	Server name ↑	Services ↑	Options
Enabled	DNS only		Services Edit Disable Remove

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Showing per page 20 [Change](#)

- Click **Services** in the options menu against the desired server then click on **Add Service** button.

Home > Service Director > Web Hosting > Server Groups

Server Groups Web Hosting Servers **Services**

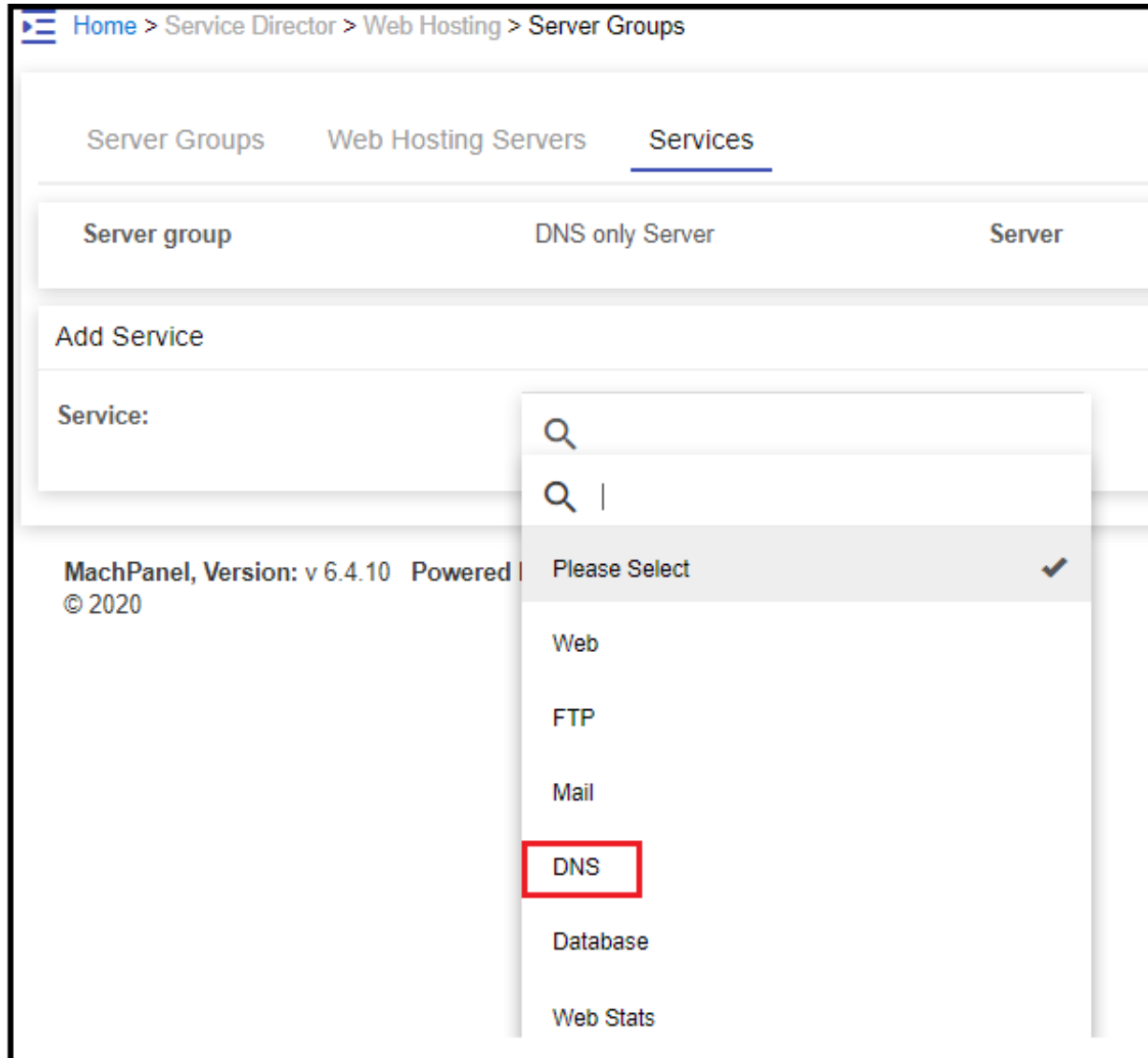
Operations

Add Service

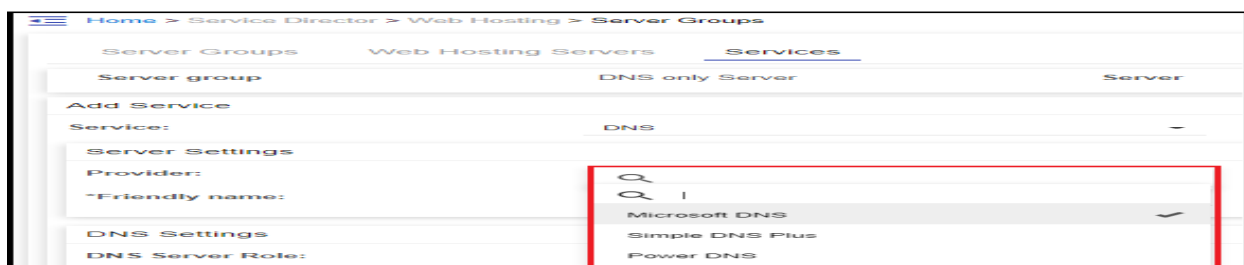
Server group	DNS only Server	Server
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- To add DNS Service to your Hostmatic/Web server, select DNS from the drop down list.

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- Now, select **Provider** for the **DNS service** and provide necessary details such as **DNS Settings** and **Name server for this DNS**. Click **Save** when done, See the snapshot below:



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- In the Server Settings, by selecting **Provider** as **Microsoft DNS**, you have the following window as shown below.

The screenshot shows the 'Services' configuration page for a 'DNS only Server'. The 'Provider' dropdown menu is highlighted with a red box and set to 'Microsoft DNS'. The 'Friendly name' is 'Microsoft DNS'. The 'DNS Settings' section includes: 'DNS Server Role' set to 'Master', 'Primary Host Name (for SOA record)' as an empty field, 'Hostmaster (for SOA record)' as 'hostmaster.\$DomainName\$', 'Refresh Interval' of 3600 seconds, 'Retry Interval' of 900 seconds, 'Expire Limit' of 604800 seconds, and 'TTL' of 14400 seconds. The 'Remove Local NS record from zone' checkbox is unchecked. The 'Name Servers for this DNS' section shows 'Assigned Name Servers' as 'Default NameServers'. 'Save' and 'Cancel' buttons are at the bottom.

- In the Server Settings, by selecting **Provider** as **Simple DNS Plus**, you have the following options to fill as shown below.

The screenshot shows the 'Services' configuration page for a 'DNS only Server' with the 'Provider' dropdown set to 'Simple DNS Plus', highlighted with a red box. The 'Friendly name' is 'Simple DNS Plus'. The 'DNS Settings' section includes: 'DNS Server Role' set to 'Master', 'Primary Host Name (for SOA record)' as an empty field, 'Hostmaster (for SOA record)' as 'hostmaster.\$DomainName\$', 'Refresh Interval' of 3600 seconds, 'Retry Interval' of 900 seconds, 'Expire Limit' of 604800 seconds, and 'TTL' of 14400 seconds. The 'Remove Local NS record from zone' checkbox is unchecked. The 'Name Servers for this DNS' section shows 'Assigned Name Servers' as 'Default NameServers'. Additional fields include 'HTTP IP Address' (127.0.0.1), 'HTTP Port' (8080), and 'HTTP Password' (with a note: 'Set the same password as set in HTTPAPI option in SimpleDNS Application'). 'Save' and 'Cancel' buttons are at the bottom.

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- In the Server Settings, by selecting **Provider** as **Power DNS**, you have the following options to fill as shown below.

The screenshot shows a web interface for configuring DNS services. The breadcrumb trail is "Home > Service Director > Web Hosting > Server Groups". The current page is "Services" under "Web Hosting Servers".

Server group	DNS only Server	Server	DNS only
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Add Service

Service:

Server Settings

Provider: (highlighted with a red box)

*Friendly name:

DNS Settings

DNS Server Role:

*Primary Host Name (for SOA record):

*Hostmaster (for SOA record):

*Refresh Interval:

*Retry Interval:

*Expire Limit:

*TTL:

*Remove Local NS record from zone:

Power DNS API Settings

*Server ID:

*User Name:

*Password:

*API URL:

*API Key:

Name Servers for this DNS

Assigned Name Servers:

- Hit **Test Service** for each service and if you get Successful message in Green then integration of that service is successful.

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STEP-2: Creating DNS Only Product/Package:

- To add a **DNS Only - Shared Hosting** Product navigate to path: **Home >> Service Plans >> Hosting Products**. Select **Customer Product Listing** tab for Customer plan.
- Click **Add New Product** button as shown below:

Search in menu

Home > Service Plans > Hosting Products

Hosting Products

Reseller Product Listing **Customer Product Listing** Add-on Management

Operations

Add New Product Update Index

Search

Status	Index	ID #	Products Name #	Total Sold	Date Created	Products Type #	Options
Enabled	0	1037	Database Only Plan	3	06.05.2020	Shared Hosting	
Enabled	0	4	Webhosting (MS DNS, MailEnable, MS IIS, MS FTP, SmarterStats, MS SQL)	2	15.10.2019	Shared Hosting	

Showing: 1 - 2 of 2

Showing per page 20 Change

- Now provide basic details such as Server Group, Product name and select Package Type DNS Only.

Home > Service Plans > Hosting Products > Add Product

Add New Product

Basic Info Resources Upgrade/Downgrade Associate Add-on

Product type: Shared Hosting

Control Panel: Hostmatic Control Server

Server group: WebHosting Server Group Ess2019

*Product name: DNS Only Plan

*WHMCS Prod.Id:

Select Package Type: Web Hosting **DNS Only** Database Only Mail Only

Select DNS Template: **Hosted Exchange DNS Template**

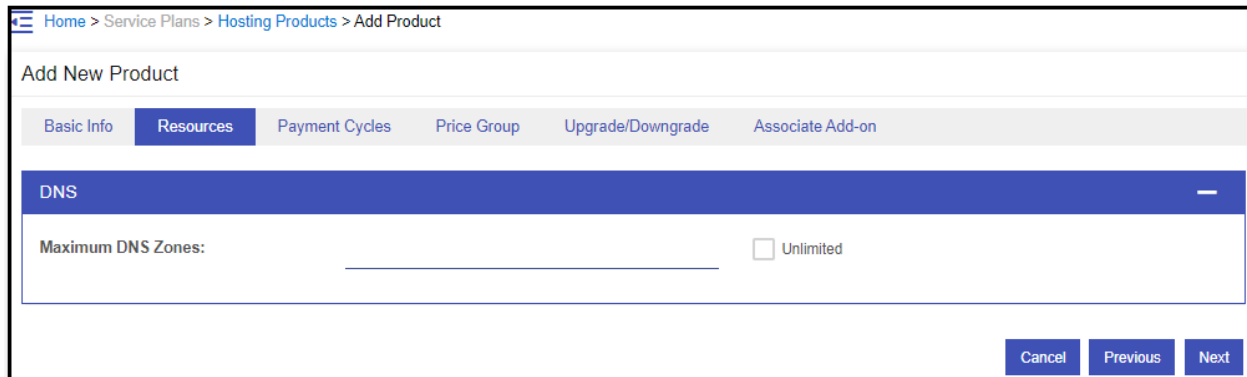
Is active: Yes

Associate Add-on: Optional

- Under **Resources** tab, Provide the following field.

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- Maximum DNS Zones.



Home > Service Plans > Hosting Products > Add Product

Add New Product

Basic Info | **Resources** | Payment Cycles | Price Group | Upgrade/Downgrade | Associate Add-on

DNS

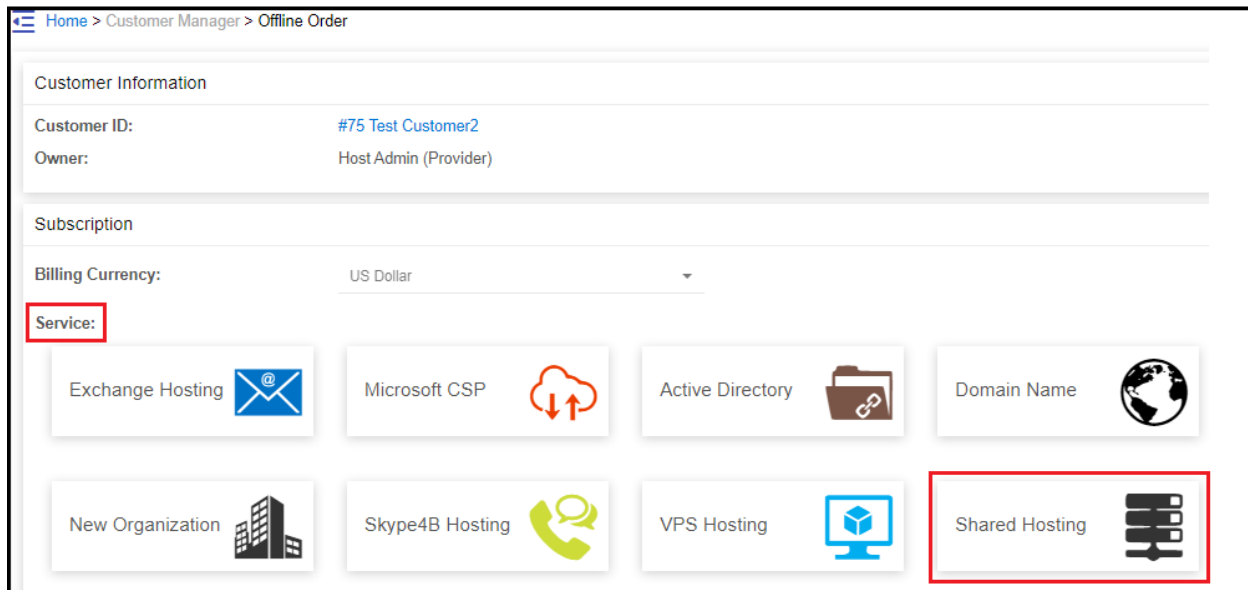
Maximum DNS Zones: Unlimited

Cancel Previous Next

- Select Payment Cycles and Payment Groups and click Next.
- Add Price Group and click **Next**.
- Associate Add-on (if any) and then **Finish** to create the Package.

STEP-3: Provisioning and Selling of DNS Only - Shared Hosting Plan:

- In this step you have to sell and provision the DNS Only Plan to the customer. Select **Shared Hosting** under "Service".



Home > Customer Manager > Offline Order

Customer Information

Customer ID: #75 Test Customer2

Owner: Host Admin (Provider)

Subscription

Billing Currency: US Dollar

Service:

Exchange Hosting | Microsoft CSP | Active Directory | Domain Name

New Organization | Skype4B Hosting | VPS Hosting | **Shared Hosting**

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- Select the **DNS Only Plan** under "Package".

Subscription

Billing Currency: US Dollar

Shared Hosting Account Form

Package: DNS only product

Package Description:
DNS only product

*Domain Name: Skip existing domain check for same domain setup on different server.

Cycle: Monthly

*Setup Price: USD 100,00

*Price: USD 150,00

Price Frozen:

Preview Bill

Please review the following KB article for more details on **selling and provisioning** of services: <http://kb.machsol.com/Knowledgebase/Article/50275>

STEP-4: Management of DNS Only Subscriptions:

- Navigate to following path to manage DNS Only Subscription: **Home >> Service Director >> Web Hosting >> Hosting Accounts**
- Select **DNS Only Subscription** and Press **Manage** tab as shown below:

Search in menu

Home > Service Director > Web Hosting > Hosting Accounts

Hosting Accounts Database Only Subscription Mail Only Subscription **DNS Only Subscription**

Search

Machsol Support [Host Admin (Provider)] Subsc.ID Customer ID Customer Name

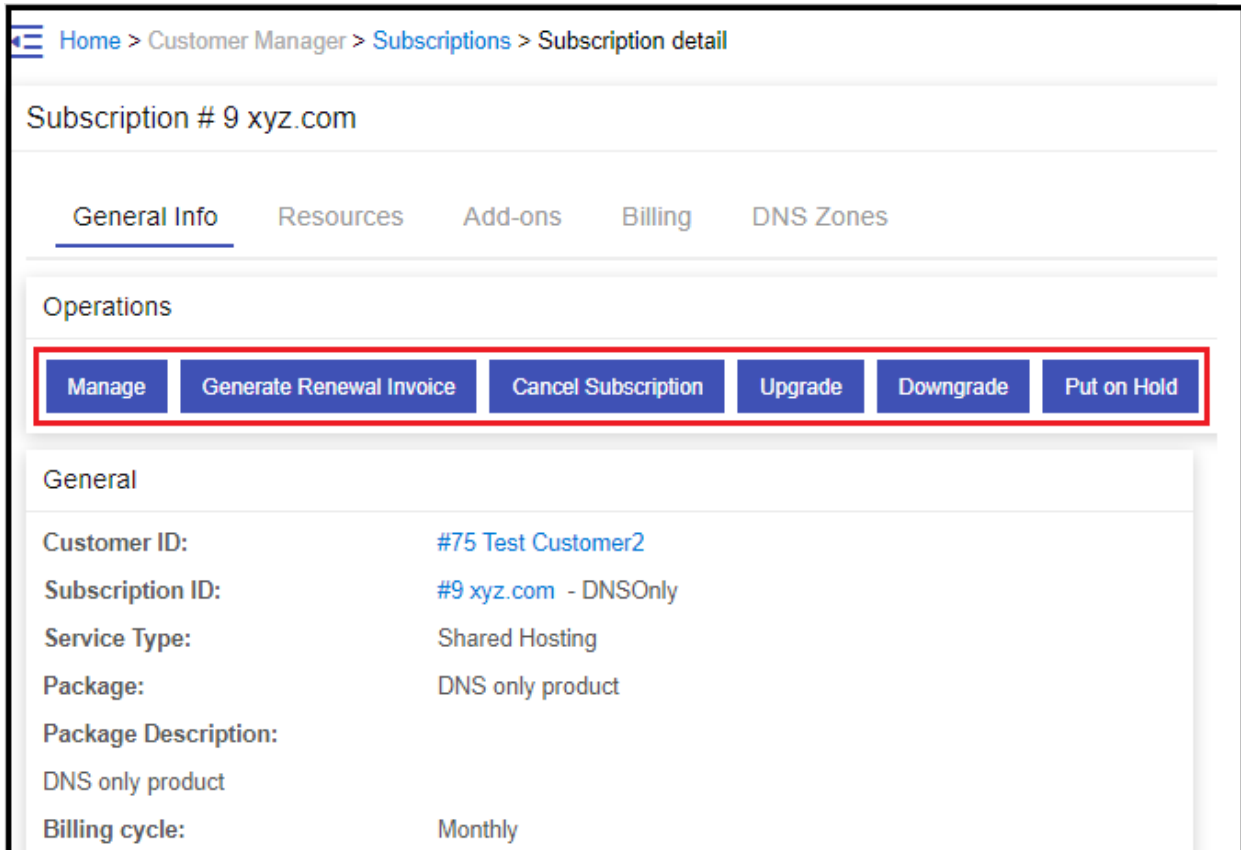
Domain Name Company name Select Status

Search

Status	Subsc.ID #	Domain Name #	Package #	Customer ID #	Options
Active	9	xyz.com	DNS only product	#75 - Test Customer2 [XYZ Corporation]	Manage

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- By pressing **Manage** you have the following options as written below:
 1. Manage
 2. Generate Renewal Invoice
 3. Cancel Subscription
 4. Upgrade
 5. Downgrade
 6. Put on Hold



Home > Customer Manager > Subscriptions > Subscription detail

Subscription # 9 xyz.com

General Info Resources Add-ons Billing DNS Zones

Operations

Manage Generate Renewal Invoice Cancel Subscription Upgrade Downgrade Put on Hold

General

Customer ID: #75 Test Customer2

Subscription ID: #9 xyz.com - DNSOnly

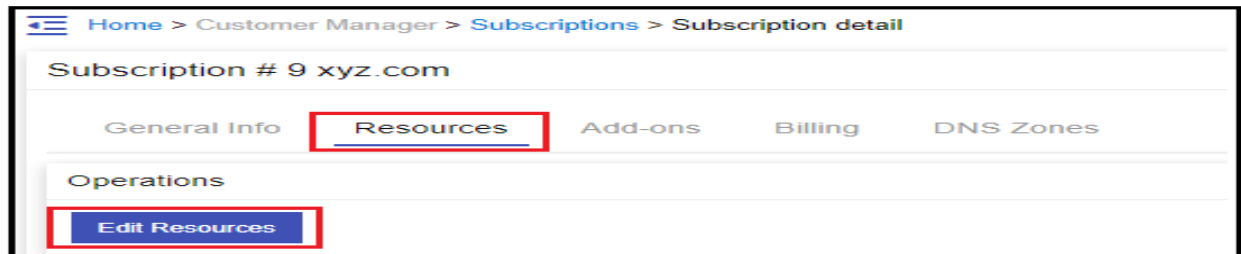
Service Type: Shared Hosting

Package: DNS only product

Package Description: DNS only product

Billing cycle: Monthly

- Select **Resources** to get the **Edit Resources** tab as shown below.



Home > Customer Manager > Subscriptions > Subscription detail

Subscription # 9 xyz.com

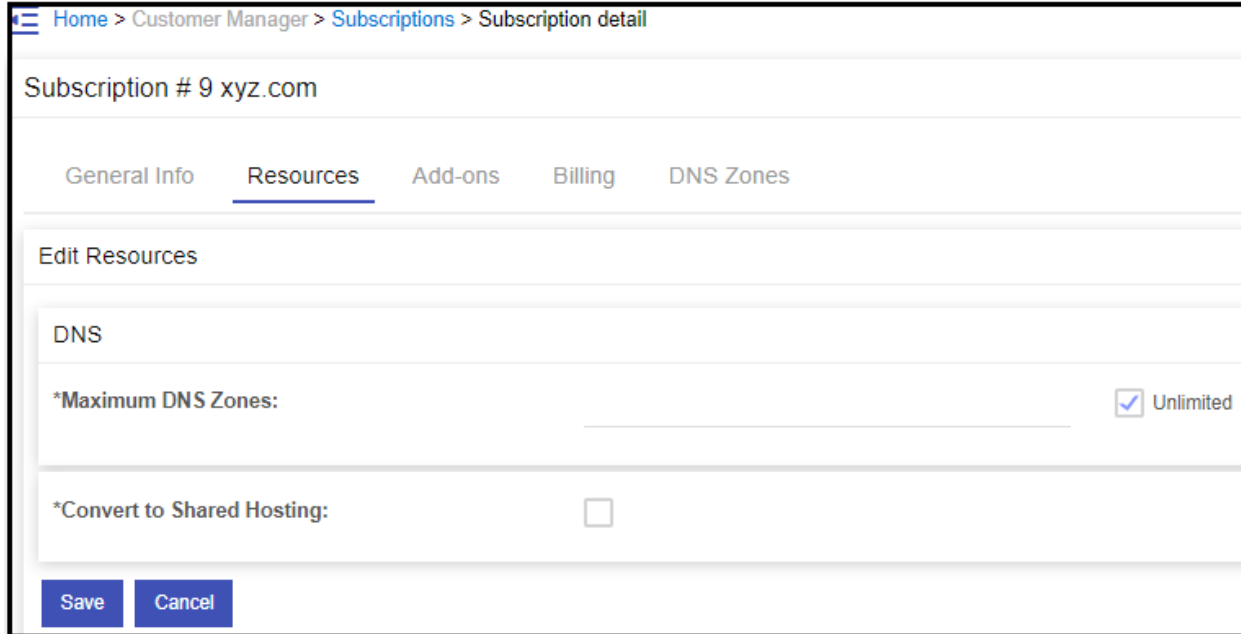
General Info Resources Add-ons Billing DNS Zones

Operations

Edit Resources

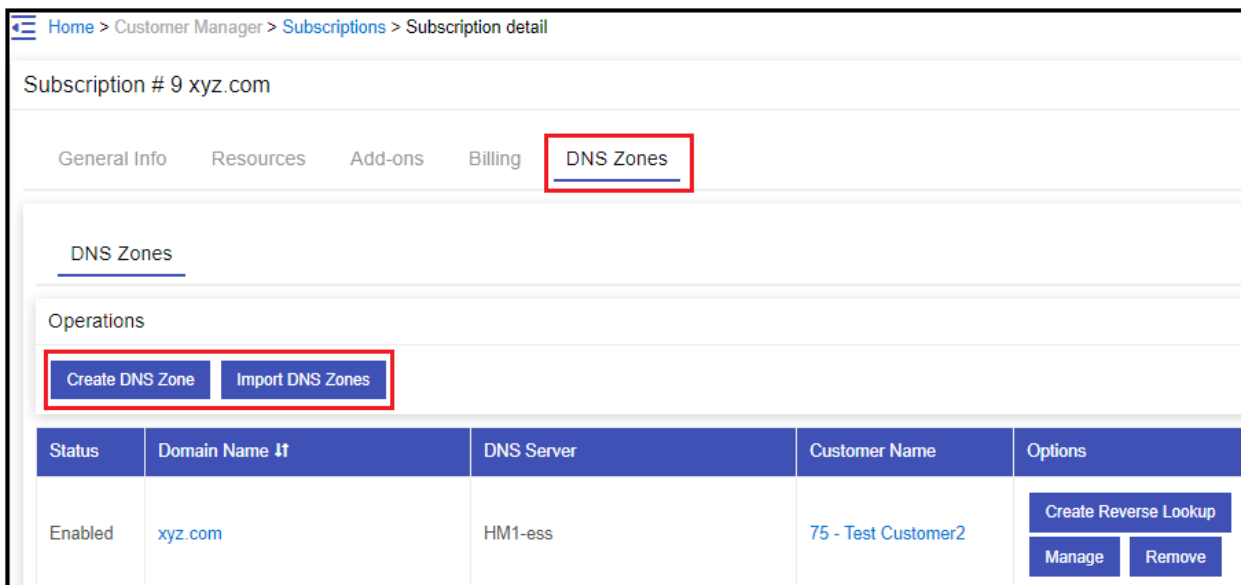
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- By pressing the **Edit Resources**, you have the following window as shown below.



The screenshot shows the 'Edit Resources' window for a subscription. The breadcrumb trail is 'Home > Customer Manager > Subscriptions > Subscription detail'. The subscription is identified as 'Subscription # 9 xyz.com'. There are five tabs: 'General Info', 'Resources' (which is selected), 'Add-ons', 'Billing', and 'DNS Zones'. The 'Edit Resources' section contains two main options: '*Maximum DNS Zones:' with a text input field and a checked checkbox labeled 'Unlimited', and '*Convert to Shared Hosting:' with an unchecked checkbox. At the bottom, there are 'Save' and 'Cancel' buttons.

- Now by pressing **DNS Zones** you have the following tabs.
 1. Create DNS Zones
 2. Import DNS Zones

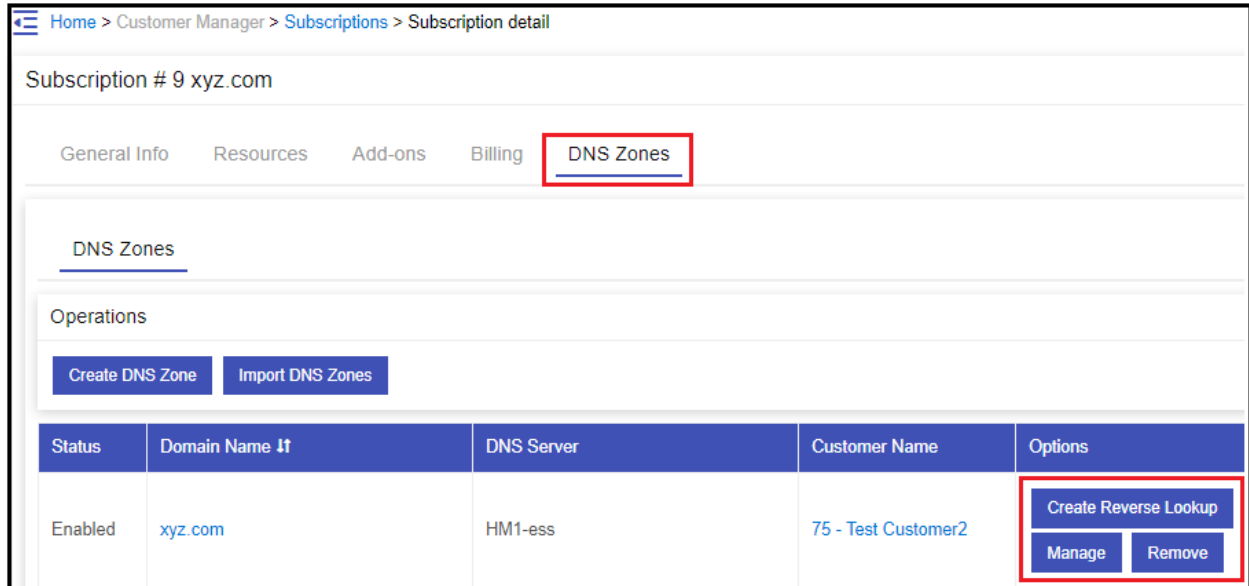


The screenshot shows the 'DNS Zones' window for the same subscription. The breadcrumb trail is 'Home > Customer Manager > Subscriptions > Subscription detail'. The subscription is 'Subscription # 9 xyz.com'. The tabs are 'General Info', 'Resources', 'Add-ons', 'Billing', and 'DNS Zones' (which is selected and highlighted with a red box). Below the tabs, there is a 'DNS Zones' section with 'Operations' containing two buttons: 'Create DNS Zone' and 'Import DNS Zones' (both highlighted with a red box). Below the operations is a table with the following data:

Status	Domain Name #1	DNS Server	Customer Name	Options
Enabled	xyz.com	HM1-ess	75 - Test Customer2	Create Reverse Lookup Manage Remove

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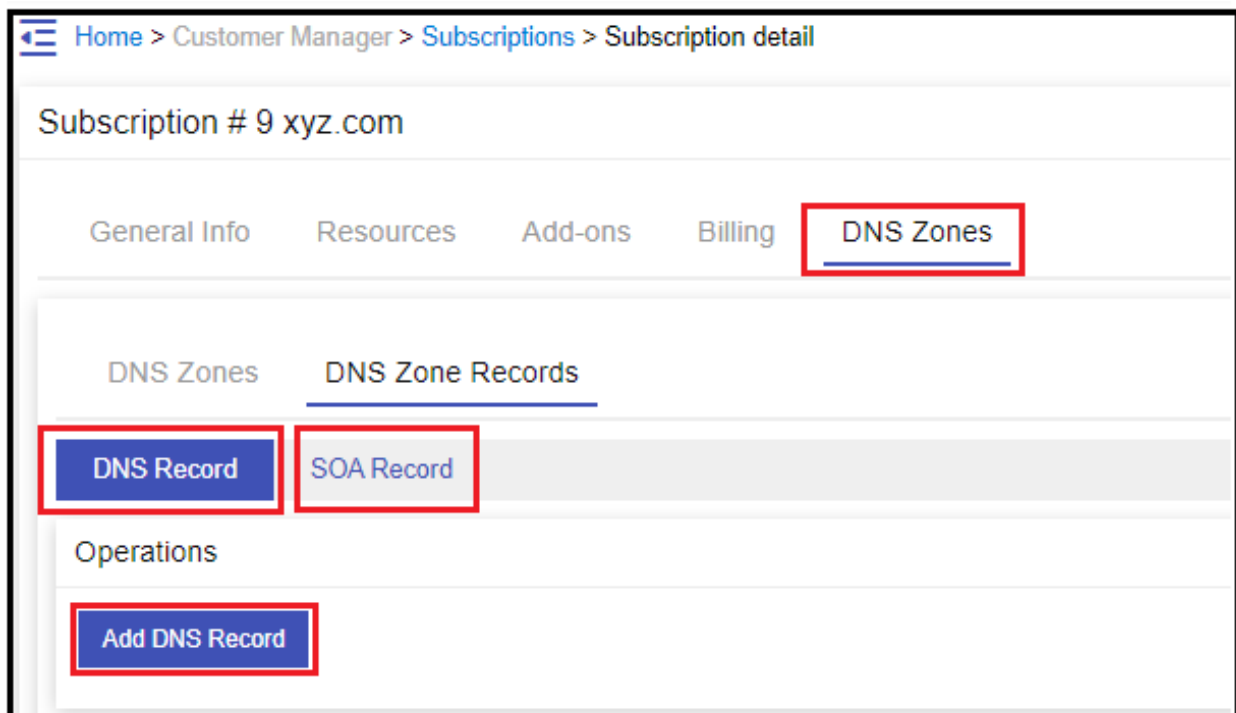
- Now you can also **Manage, Remove** and **Create Reverse Lookup** of your DNS zone.



The screenshot shows the 'DNS Zones' tab in the 'Subscription detail' view for 'Subscription # 9 xyz.com'. The 'DNS Zones' tab is highlighted with a red box. Below the navigation tabs, there are two buttons: 'Create DNS Zone' and 'Import DNS Zones'. A table lists the DNS zones with columns for Status, Domain Name, DNS Server, Customer Name, and Options. The table contains one entry for 'xyz.com' with status 'Enabled' and DNS Server 'HM1-ess'. The 'Options' column for this entry contains three buttons: 'Create Reverse Lookup', 'Manage', and 'Remove', all of which are highlighted with a red box.

Status	Domain Name If	DNS Server	Customer Name	Options
Enabled	xyz.com	HM1-ess	75 - Test Customer2	Create Reverse Lookup Manage Remove

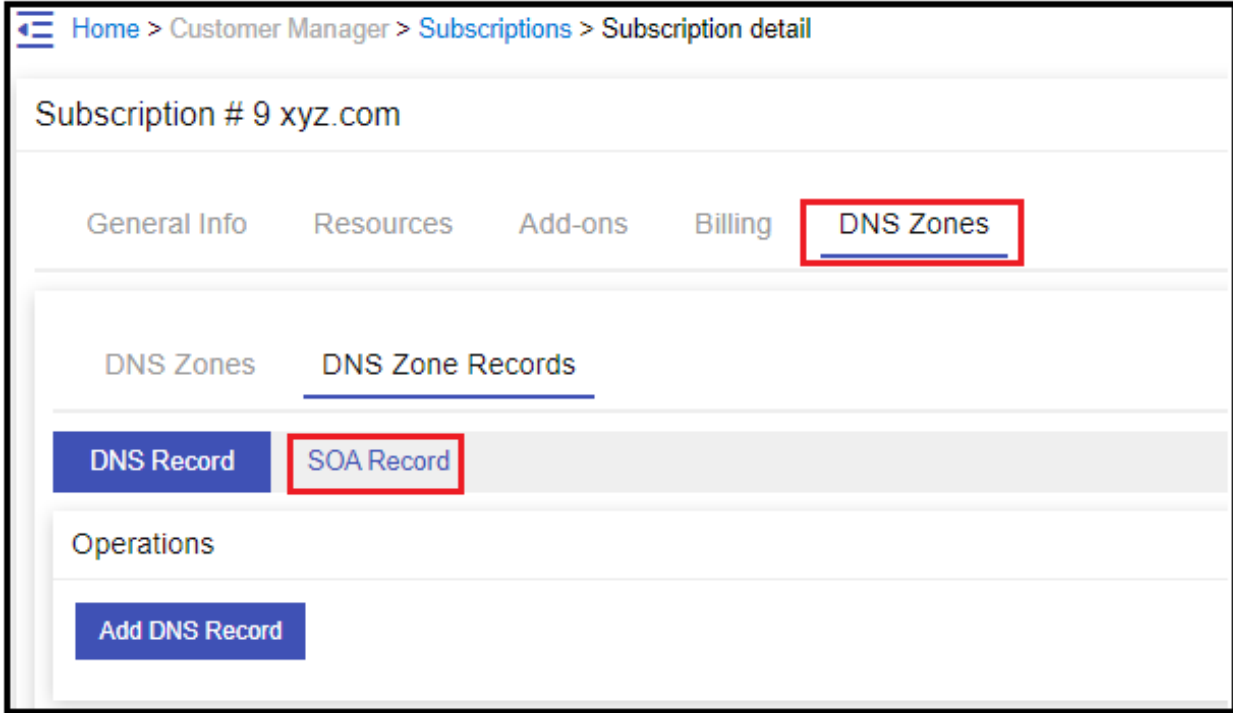
- By pressing **Manage** you can manage **DNS Record, SOA Record** and **Add DNS Record** as shown below.



The screenshot shows the 'DNS Zone Records' tab in the 'Subscription detail' view for 'Subscription # 9 xyz.com'. The 'DNS Zones' tab is highlighted with a red box. Below the navigation tabs, there are two buttons: 'DNS Record' and 'SOA Record', both highlighted with a red box. Below these buttons, there is an 'Operations' section with an 'Add DNS Record' button, also highlighted with a red box.

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- By pressing on **SOA record** you have the following window as shown below.



Home > Customer Manager > Subscriptions > Subscription detail

Subscription # 9 xyz.com

General Info Resources Add-ons Billing **DNS Zones**

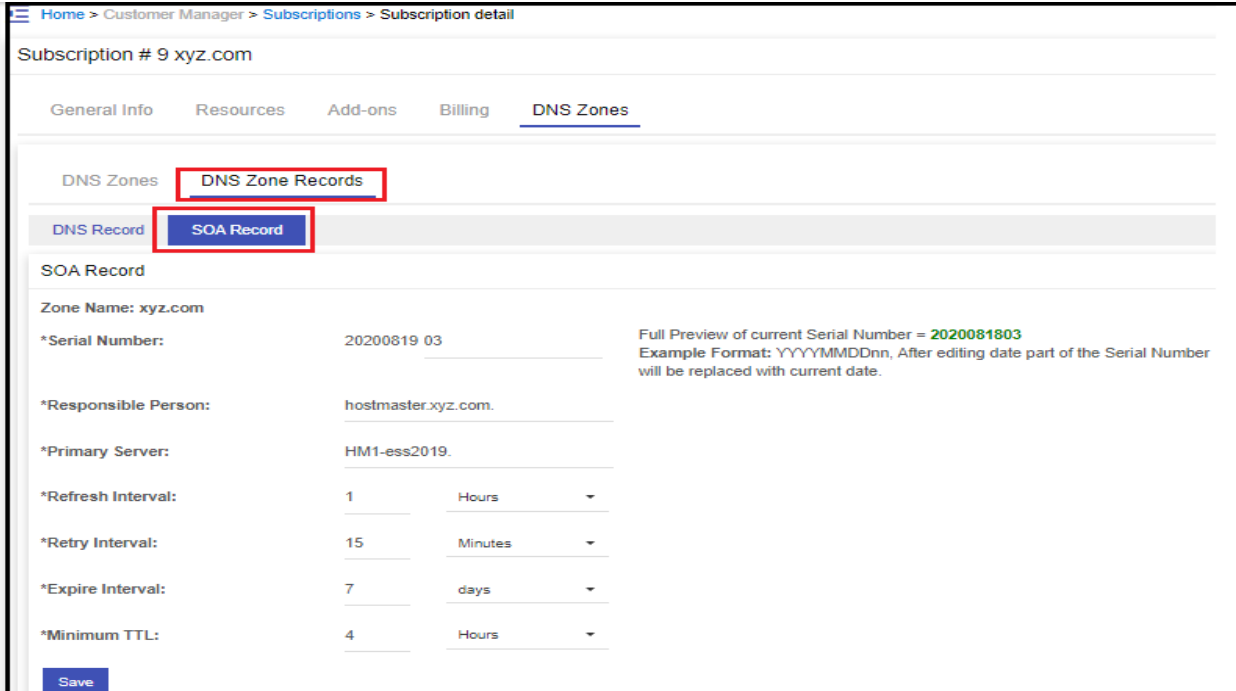
DNS Zones DNS Zone Records

DNS Record **SOA Record**

Operations

Add DNS Record

- Now you can save your updated **SOA Record** as shown below.



Home > Customer Manager > Subscriptions > Subscription detail

Subscription # 9 xyz.com

General Info Resources Add-ons Billing DNS Zones

DNS Zones **DNS Zone Records**

DNS Record **SOA Record**

SOA Record

Zone Name: xyz.com

*Serial Number: 20200819 03 Full Preview of current Serial Number = 2020081803
Example Format: YYYYMMDDnn, After editing date part of the Serial Number will be replaced with current date.

*Responsible Person: hostmaster.xyz.com.

*Primary Server: HM1-ess2019.

*Refresh Interval: 1 Hours

*Retry Interval: 15 Minutes

*Expire Interval: 7 days

*Minimum TTL: 4 Hours

Save

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MachPanel Knowledgebase

<https://kb.machsol.com/Knowledgebase/55638/Shared-Hosting-DNS-Only-Hosting>