

# 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		<b>Services</b> Edit Disable Remove

Showing: 1- 1 of 1 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**

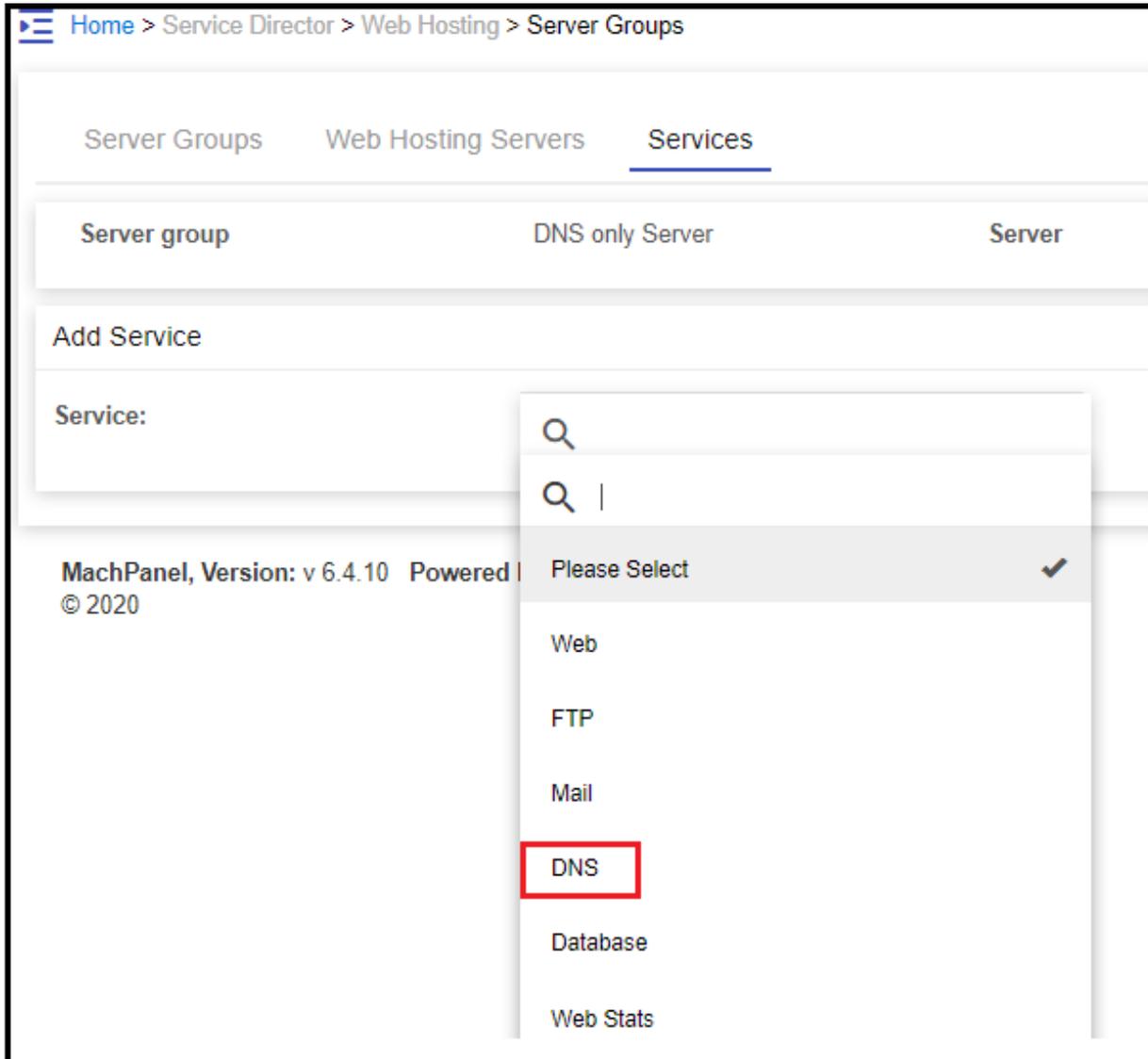
Operations

Add Service

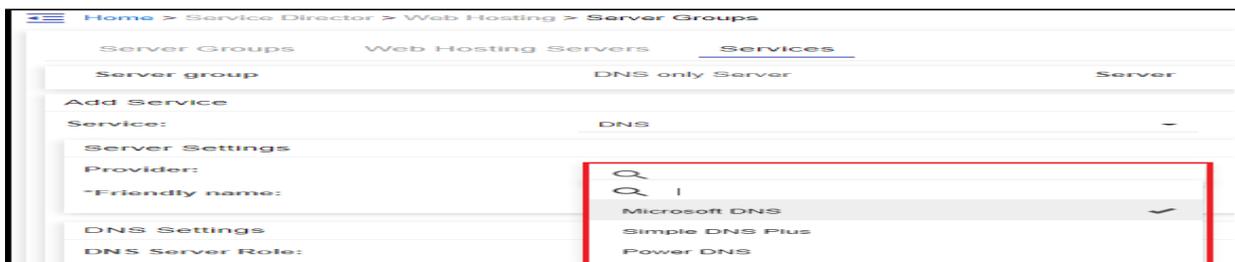
Server group	DNS only Server	Server
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- To add DNS Service to your Hostmatic/Web server, select DNS from the drop down list.

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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 menu highlighted in red and set to 'Simple DNS Plus'. 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 management console interface for configuring a DNS server. The breadcrumb navigation at the top reads: Home > Service Director > Web Hosting > Server Groups. Below this, there are tabs for 'Server Groups', 'Web Hosting Servers', and 'Services'. The 'Services' tab is active, showing a table with columns for 'Server group', 'Server', and 'DNS only'. The table contains one entry: 'DNS only Server' for the 'Server' column and 'DNS only' for the 'DNS only' column.

Below the table is the 'Add Service' section, which includes a dropdown menu for 'Service' set to 'DNS'. The 'Server Settings' section contains a dropdown menu for 'Provider' set to 'Power DNS', which is highlighted with a red box. Below this is a text input field for '\*Friendly name:' with the value 'Power DNS'.

The 'DNS Settings' section includes a dropdown menu for 'DNS Server Role:' set to 'Master'. Below this are several text input fields: '\*Primary Host Name (for SOA record):', '\*Hostmaster (for SOA record):' with the value 'hostmaster.\$DomainName\$', '\*Refresh Interval:' with the value '3600' and a unit dropdown set to 'Seconds', '\*Retry Interval:' with the value '900' and a unit dropdown set to 'Seconds', '\*Expire Limit:' with the value '604800' and a unit dropdown set to 'Seconds', and '\*TTL:' with the value '14400' and a unit dropdown set to 'Seconds'. There is also a checkbox for '\*Remove Local NS record from zone:' which is currently unchecked.

The 'Power DNS API Settings' section includes several text input fields: '\*Server ID:', '\*User Name:', '\*Password:', '\*API URL:', and '\*API Key:'.

At the bottom, the 'Name Servers for this DNS' section includes a dropdown menu for 'Assigned Name Servers:' set to 'Default NameServers'. At the very bottom, there are 'Save' and 'Cancel' buttons.

- 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: Web Hosting, Server Groups, Accounts, Products, Setup, Usage Report

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.

The screenshot shows a web interface for adding a new product. The breadcrumb trail is 'Home > Service Plans > Hosting Products > Add Product'. The page title is 'Add New Product'. There are several tabs: 'Basic Info', 'Resources', 'Payment Cycles', 'Price Group', 'Upgrade/Downgrade', and 'Associate Add-on'. The 'DNS' tab is selected and highlighted in blue. Below the tabs, there is a form field for 'Maximum DNS Zones:' with an input line and a checkbox labeled 'Unlimited'. At the bottom right, there are three buttons: 'Cancel', 'Previous', and '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".

The screenshot shows a web interface for an 'Offline Order'. The breadcrumb trail is 'Home > Customer Manager > Offline Order'. The page title is 'Customer Information'. Below the title, there are two fields: 'Customer ID: #75 Test Customer2' and 'Owner: Host Admin (Provider)'. Below this, there is a 'Subscription' section with a 'Billing Currency:' dropdown set to 'US Dollar'. A 'Service:' label is highlighted with a red box. Below the 'Service:' label, there are several service options in a grid: 'Exchange Hosting' (with an @ icon), 'Microsoft CSP' (with a cloud icon), 'Active Directory' (with a folder icon), 'Domain Name' (with a globe icon), 'New Organization' (with a building icon), 'Skype4B Hosting' (with a phone icon), 'VPS Hosting' (with a server icon), and 'Shared Hosting' (with a server rack icon). The 'Shared Hosting' option is highlighted with a red box.

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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:

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]	<b>Manage</b>

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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

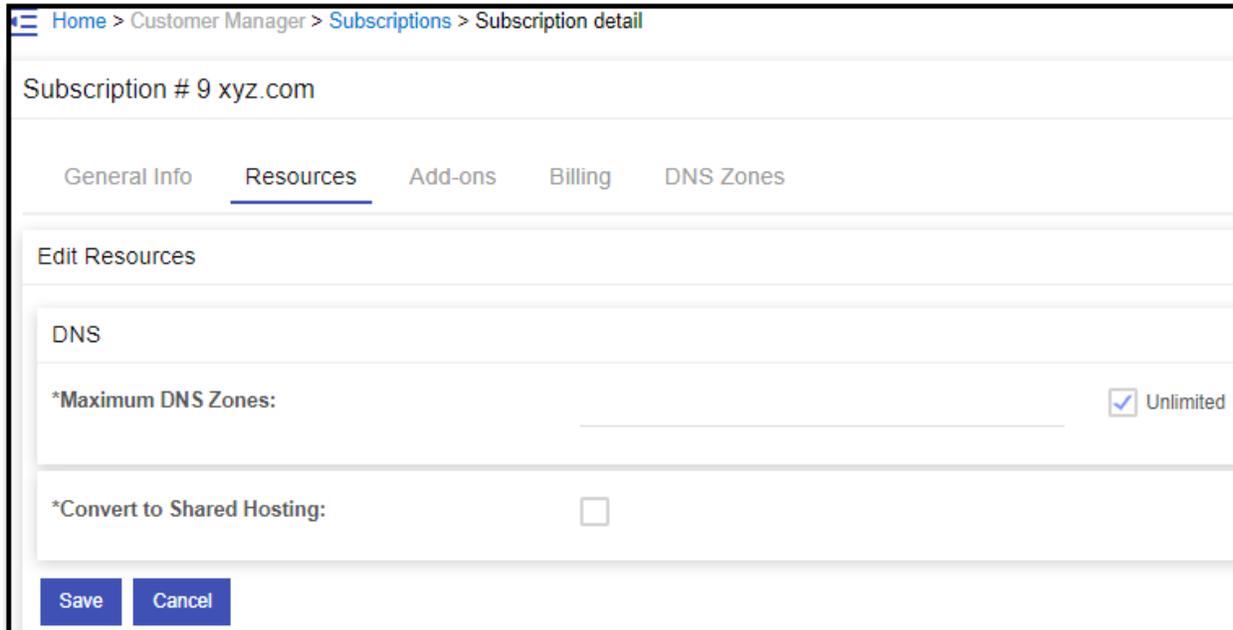
General Info Resources Add-ons Billing DNS Zones

Operations

Edit Resources

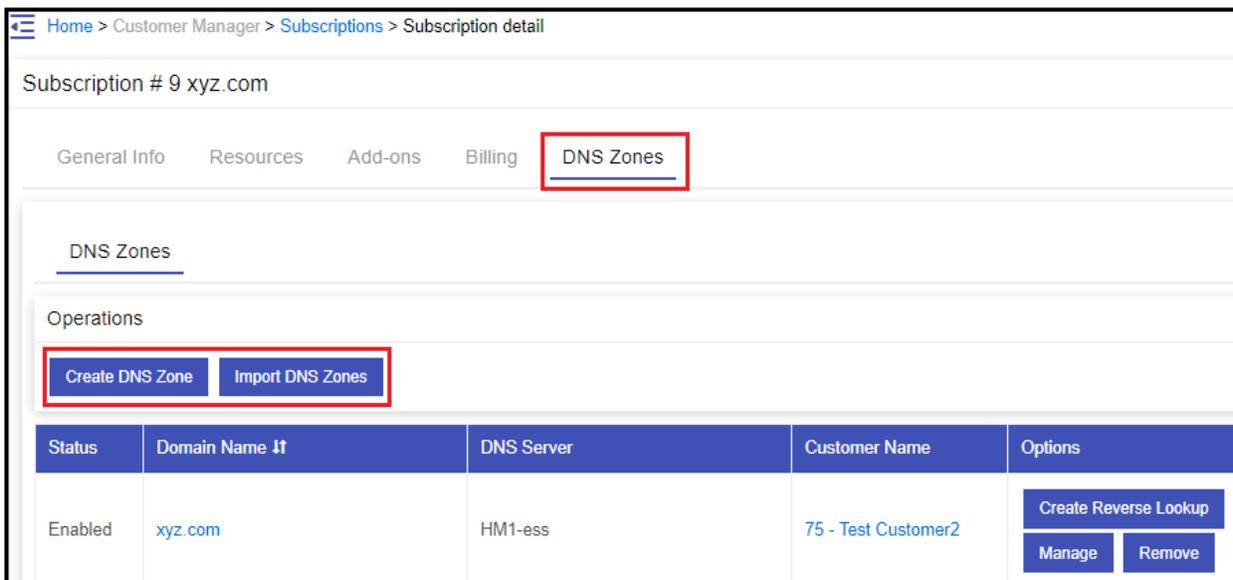
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- By pressing the **Edit Resources**, you have the following window as shown below.



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.
  - Create DNS Zones
  - 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' sub-tab. Underneath, there is an 'Operations' section with 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	<a href="#">Create Reverse Lookup</a> <a href="#">Manage</a> <a href="#">Remove</a>

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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 selected in the 'Subscription detail' view for 'Subscription # 9 xyz.com'. The breadcrumb trail is 'Home > Customer Manager > Subscriptions > Subscription detail'. The 'DNS Zones' tab is highlighted with a red box. Below the breadcrumb, there are tabs for 'General Info', 'Resources', 'Add-ons', 'Billing', and 'DNS Zones'. Under the 'DNS Zones' section, there are two buttons: 'Create DNS Zone' and 'Import DNS Zones'. Below these buttons is a table with the following data:

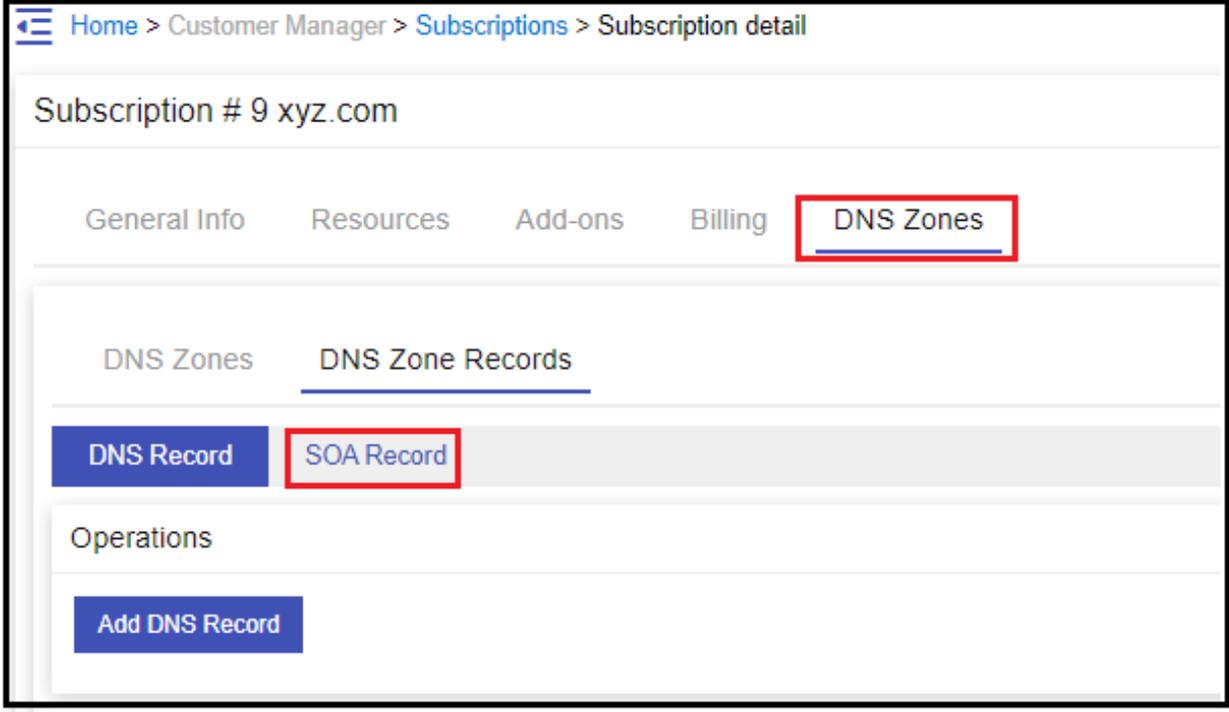
Status	Domain Name If	DNS Server	Customer Name	Options
Enabled	xyz.com	HM1-ess	75 - Test Customer2	<a href="#">Create Reverse Lookup</a> <a href="#">Manage</a> <a href="#">Remove</a>

- 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 selected in the 'Subscription detail' view for 'Subscription # 9 xyz.com'. The breadcrumb trail is 'Home > Customer Manager > Subscriptions > Subscription detail'. The 'DNS Zones' tab is highlighted with a red box. Below the breadcrumb, there are tabs for 'General Info', 'Resources', 'Add-ons', 'Billing', and 'DNS Zones'. Under the 'DNS Zones' section, there are two tabs: 'DNS Zones' and 'DNS Zone Records'. The 'DNS Zone Records' tab is selected and highlighted with a red box. Below the tabs, there are two buttons: 'DNS Record' and 'SOA Record', both highlighted with red boxes. Below these buttons is an 'Operations' section with a button 'Add DNS Record', 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**

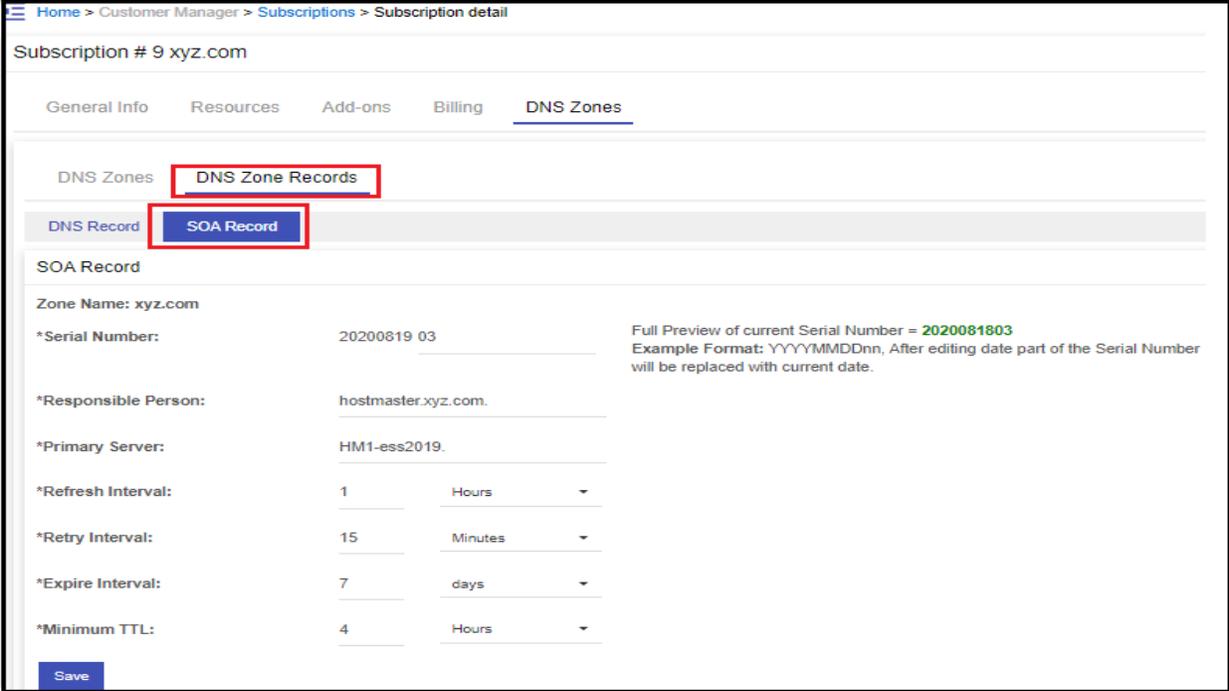
DNS Zones DNS Zone Records

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

## Shared Hosting - DNS Only Hosting

MachPanel Knowledgebase

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