

Handling DNS Records and Managing DNS zones

Summary

This article provides information about configuration of DNS Record, Names Server and DNS Zones management.

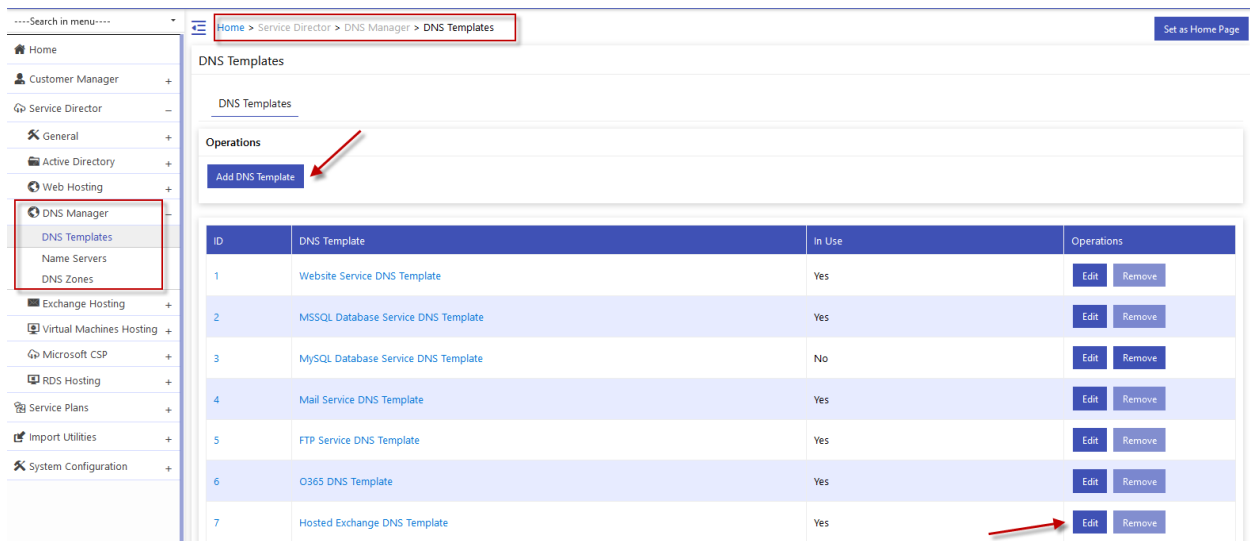
Applies To

MachPanel Version V.4.2.24 and Onwards

Procedure

For automatic handling of DNS for Exchange and SharePoint you have to create appropriate DNS Templates for each service. For this navigate to **Home >> Service Director >> DNS Manager >> DNS Template** and then click on 'Add DNS Template':

Enter the 'Template Title' and fill in the required fields i.e records name, type, priority and hostname:



The screenshot shows the MachPanel interface for managing DNS Templates. The breadcrumb navigation at the top reads: Home > Service Director > DNS Manager > DNS Templates. The left sidebar shows the navigation menu with 'DNS Manager' expanded to show 'DNS Templates', 'Name Servers', and 'DNS Zones'. The main content area displays a table of existing DNS Templates. A red arrow points to the 'Add DNS Template' button in the 'Operations' section. Another red arrow points to the 'Edit' button for the 'Hosted Exchange DNS Template' in the table.

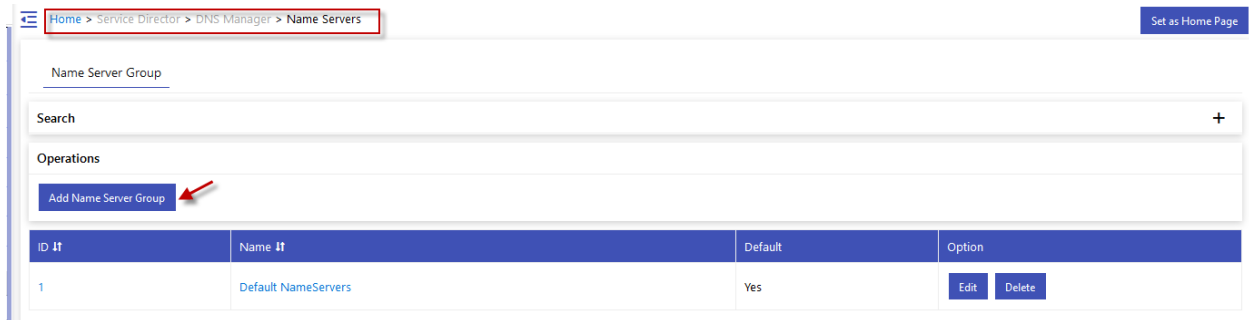
ID	DNS Template	In Use	Operations
1	Website Service DNS Template	Yes	Edit Remove
2	MSSQL Database Service DNS Template	Yes	Edit Remove
3	MySQL Database Service DNS Template	No	Edit Remove
4	Mail Service DNS Template	Yes	Edit Remove
5	FTP Service DNS Template	Yes	Edit Remove
6	O365 DNS Template	Yes	Edit Remove
7	Hosted Exchange DNS Template	Yes	Edit Remove

Now the DNS Templates have been created, the only remaining task is to assign the templates to appropriate servers.

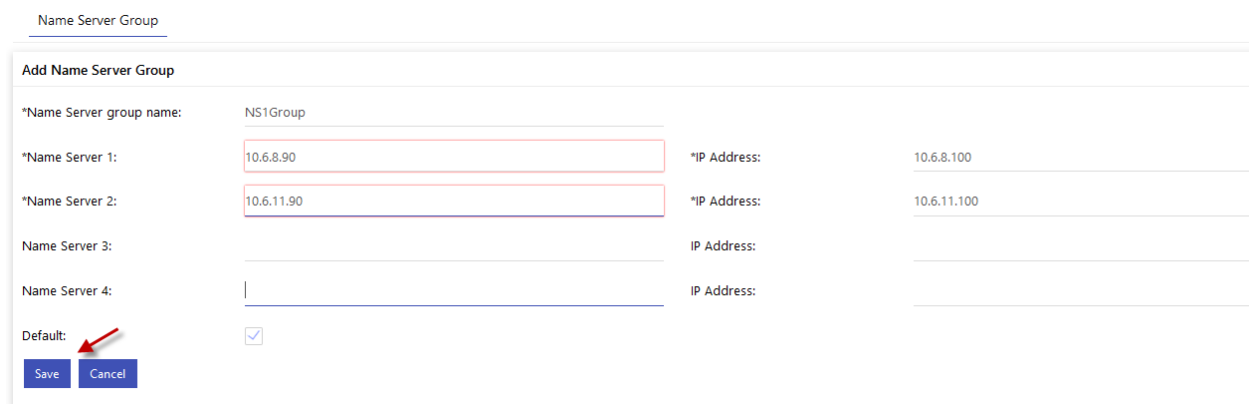
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Names Server

You can add Names Server Groups.

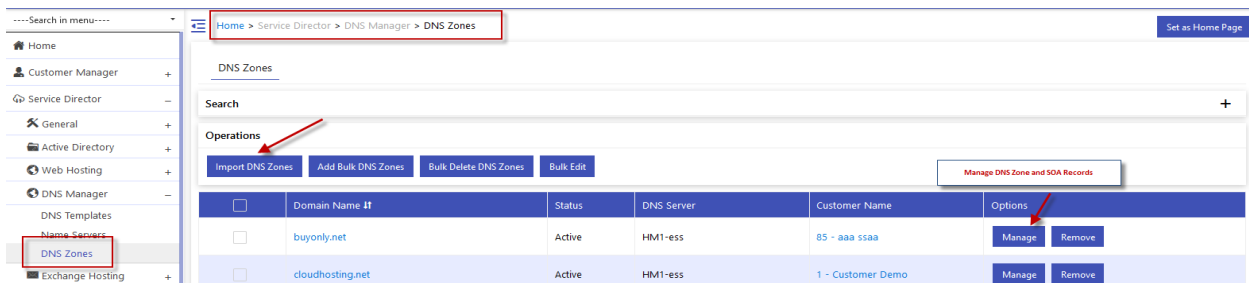


Provide NS IP addresses.



Managing DNS Zones and SOA Records

You can Import DNS Zones, Add bulk DNS Zones, Bulk delete DNS Zones and Bulk Edit.



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Click **DNS Import Zone**.

Select server, owner & customer and click **Get DNS Zone**.

DNS Zones

Import DNS Zones

Select server: HM1-ess

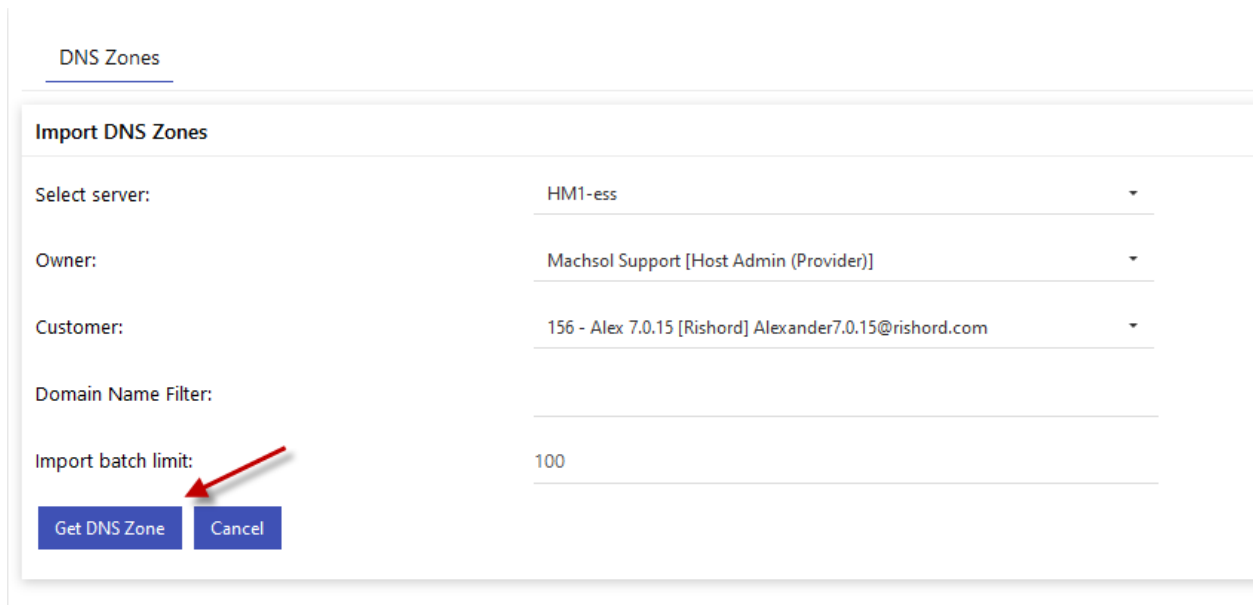
Owner: Machsol Support [Host Admin (Provider)]

Customer: 156 - Alex 7.0.15 [Rishord] Alexander7.0.15@rishord.com

Domain Name Filter:

Import batch limit: 100

[Get DNS Zone](#) [Cancel](#)



Import Bulk DNS Zones:

You can import DNS zones in bulk by providing csv file.

DNS Zones

Add Bulk DNS Zones

Select Customer: 156 - Alex 7.0.15

Upload CSV (one domain per line): [Select file](#) [Upload](#)
[Sample CSV file](#)

(OR)

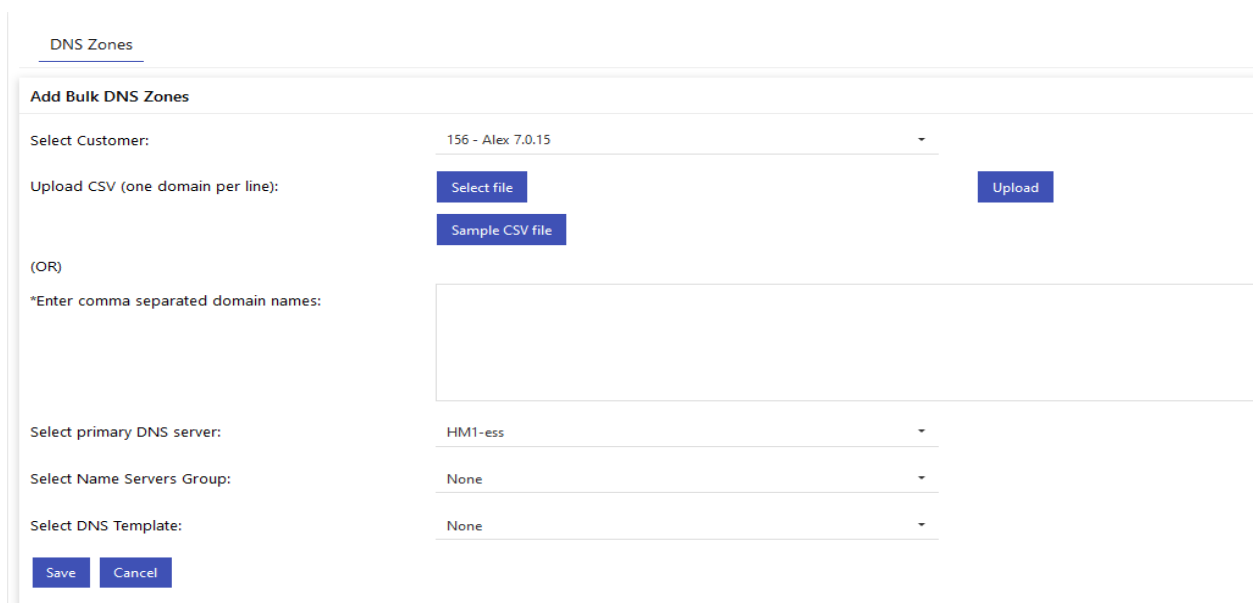
*Enter comma separated domain names:

Select primary DNS server: HM1-ess

Select Name Servers Group: None

Select DNS Template: None

[Save](#) [Cancel](#)



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Bulk Delete DNS zones:

You can bulk delete DNS zones by providing csv file.

[Home](#) > [Service Director](#) > [DNS Manager](#) > [DNS Zones](#)

DNS Zones

Bulk Delete DNS Zones

Upload CSV (one domain per line):

(OR)

*Enter comma separated domain names:

DNS Record


Under **DNS Record**, you can Edit & remove DNS zones.

Create new DNS Records by clicking on **Add DNS record**.

[DNS Zones](#) [DNS Zone Records](#)

[DNS Record](#) [SOA Record](#)

Operations

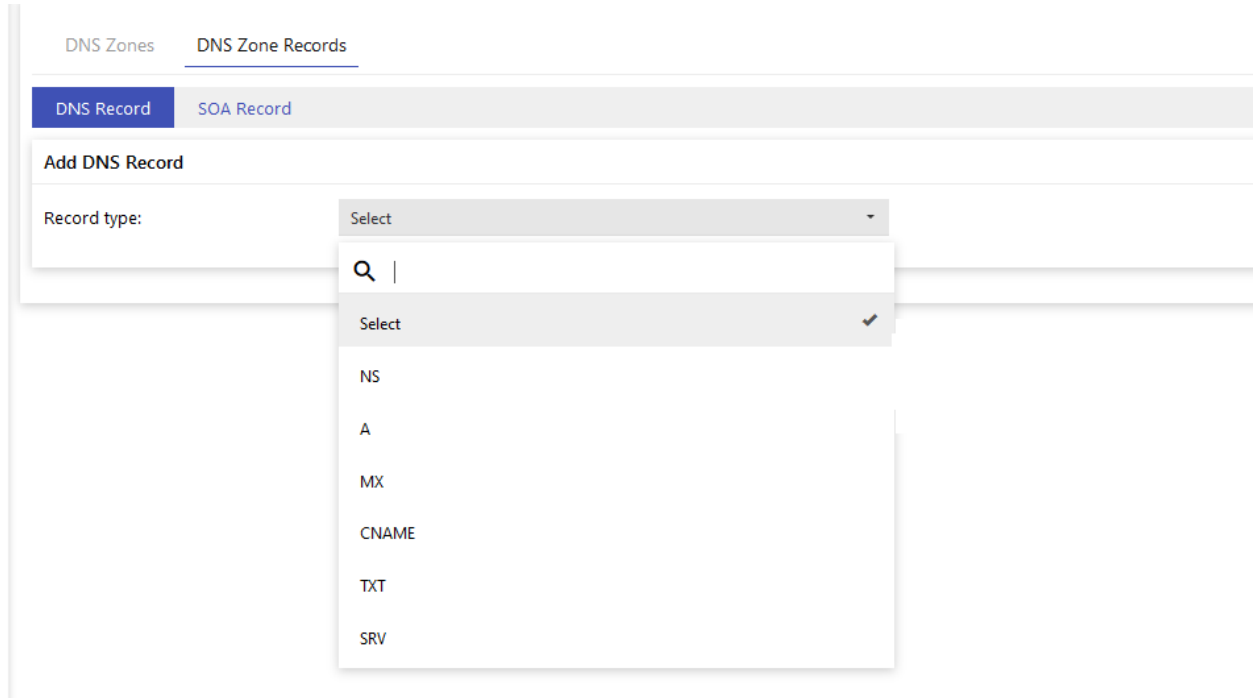


Zone Name: buyonly.net

Name	Type	Value	Operations
@	Name Server (NS)	hm1-ess2019.	<input type="button" value="Edit"/> <input type="button" value="Remove"/>
@	Name Server (NS)	ns1.onlyfordemo.net.	<input type="button" value="Edit"/> <input type="button" value="Remove"/>
@	Name Server (NS)	ns2.onlyfordemo.net.	<input type="button" value="Edit"/> <input type="button" value="Remove"/>
@	Text (TXT)	v=spf1	<input type="button" value="Edit"/> <input type="button" value="Remove"/>

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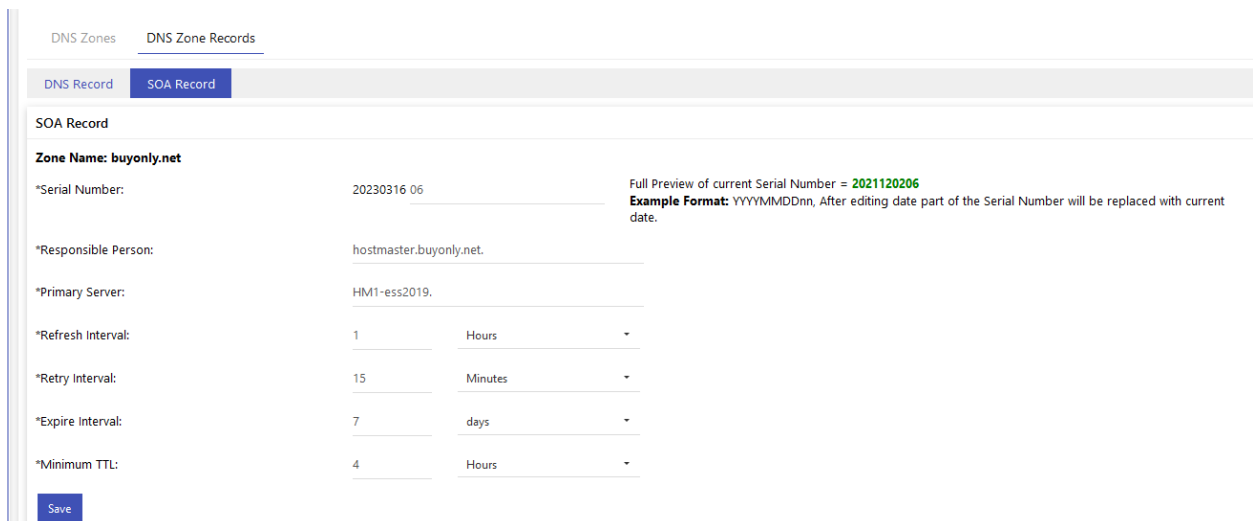
Select DNS record type.



The screenshot shows the 'Add DNS Record' interface. At the top, there are tabs for 'DNS Zones' and 'DNS Zone Records'. Below these are sub-tabs for 'DNS Record' and 'SOA Record'. The 'Record type' field is a dropdown menu that is currently open, displaying a search bar and a list of record types: 'Select' (with a checkmark), 'NS', 'A', 'MX', 'CNAME', 'TXT', and 'SRV'.

SOA Record

You can also update an SOA record for a DNS zone.



The screenshot shows the 'SOA Record' update form. At the top, there are tabs for 'DNS Zones' and 'DNS Zone Records', with sub-tabs for 'DNS Record' and 'SOA Record'. The form is titled 'SOA Record' and shows the 'Zone Name' as 'buyonly.net'. The fields are as follows:

*Serial Number:	20230316 06	Full Preview of current Serial Number = 2021120206 Example Format: YYYYMMDDnn, After editing date part of the Serial Number will be replaced with current date.
*Responsible Person:	hostmaster.buyonly.net.	
*Primary Server:	HM1-ess2019.	
*Refresh Interval:	1	Hours
*Retry Interval:	15	Minutes
*Expire Interval:	7	days
*Minimum TTL:	4	Hours

At the bottom left, there is a 'Save' button.

MachPanel Knowledgebase

<https://kb.machsol.com/Knowledgebase/50278/Handling-DNS-Records-and-Managin...>