

# Handling DNS Records and Managing DNS zones

## Summary

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

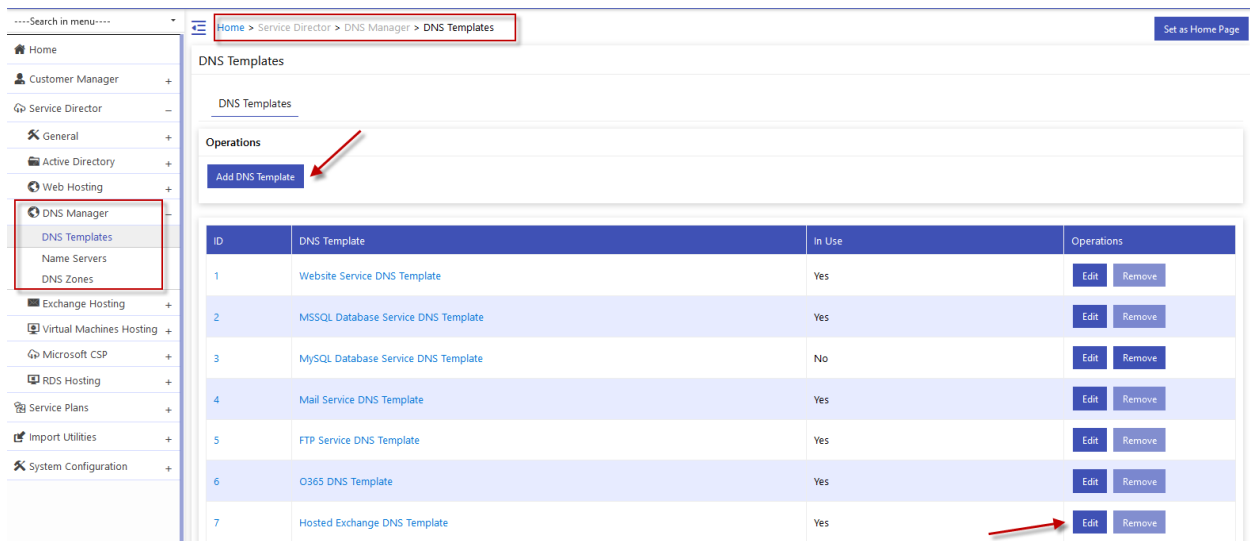
## Applies To

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 is highlighted as 'Home > Service Director > DNS Manager > DNS Templates'. The left sidebar shows the 'DNS Manager' menu item selected. The main content area displays a table of existing DNS Templates with columns for ID, DNS Template name, In Use status, and Operations (Edit, Remove). A red arrow points to the 'Add DNS Template' button in the Operations section.

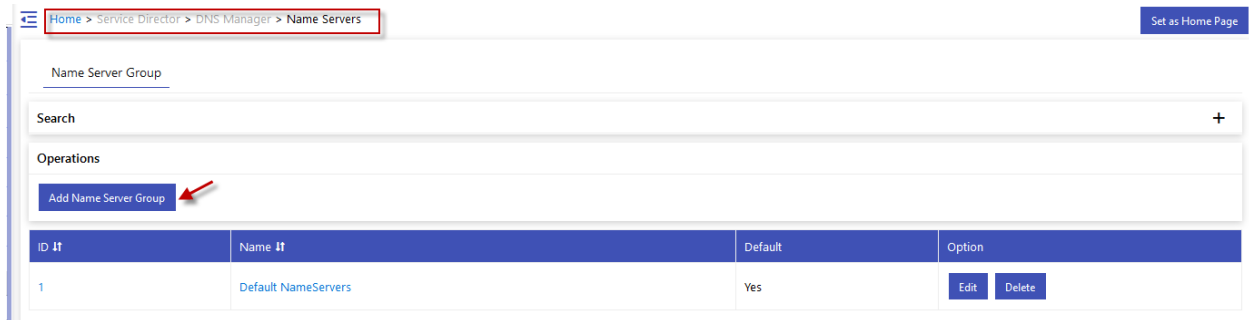
ID	DNS Template	In Use	Operations
1	Website Service DNS Template	Yes	Edit Remove
2	MSSQL Database Service DNS Template	Yes	Edit Remove
3	MySQL Database Service DNS Template	No	Edit Remove
4	Mail Service DNS Template	Yes	Edit Remove
5	FTP Service DNS Template	Yes	Edit Remove
6	O365 DNS Template	Yes	Edit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

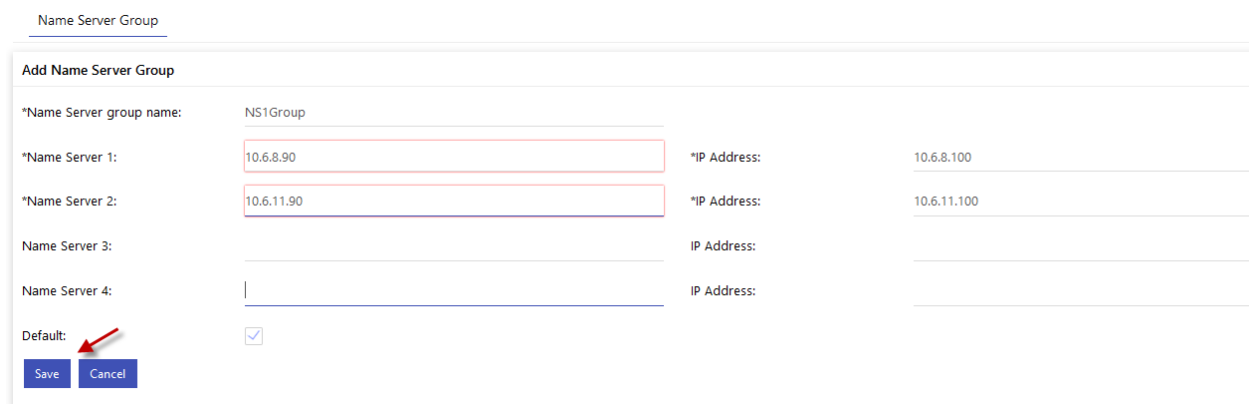
# Handling DNS Records and Managing DNS zones

## Names Server

You can add Names Server Groups.

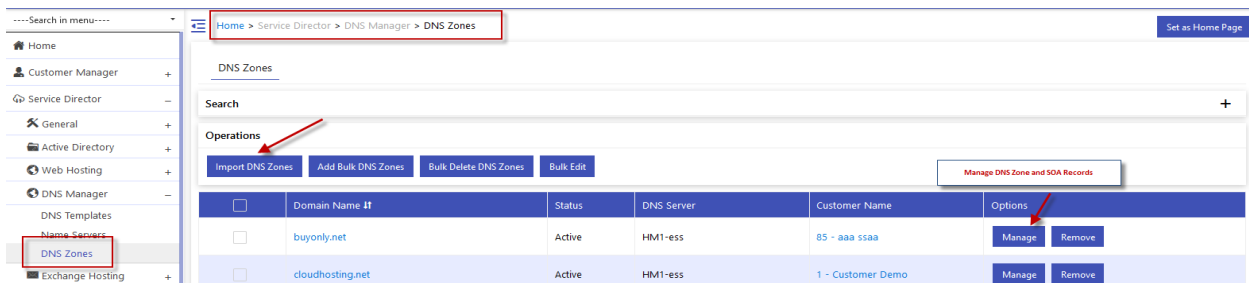


Provide NS IP addresses.



## Managing DNS Zones and SOA Records

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



## Handling DNS Records and Managing DNS zones

Click **DNS Import Zone**.

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

DNS Zones

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**Import DNS Zones**

Select server: HM1-ess

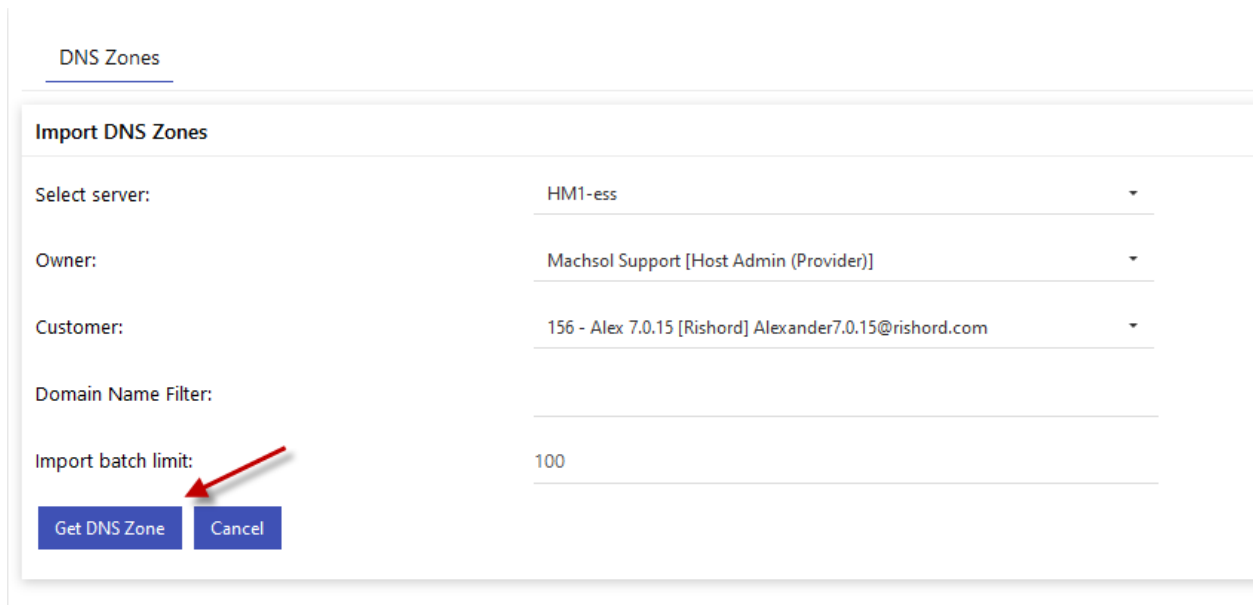
Owner: Machsol Support [Host Admin (Provider)]

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

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**Add Bulk DNS Zones**

Select Customer: 156 - Alex 7.0.15

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

(OR)

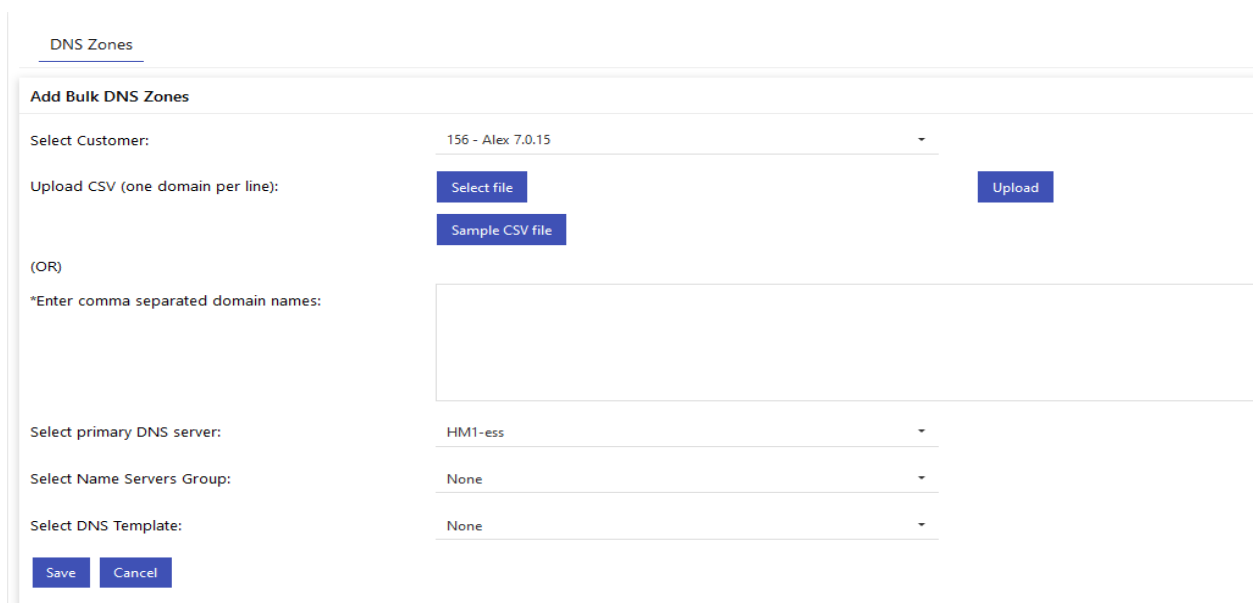
\*Enter comma separated domain names:

Select primary DNS server: HM1-ess

Select Name Servers Group: None

Select DNS Template: None

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



## Handling DNS Records and Managing DNS zones

### Bulk Delete DNS zones:

You can bulk delete DNS zones by providing csv file.

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

### DNS Zones

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#### 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



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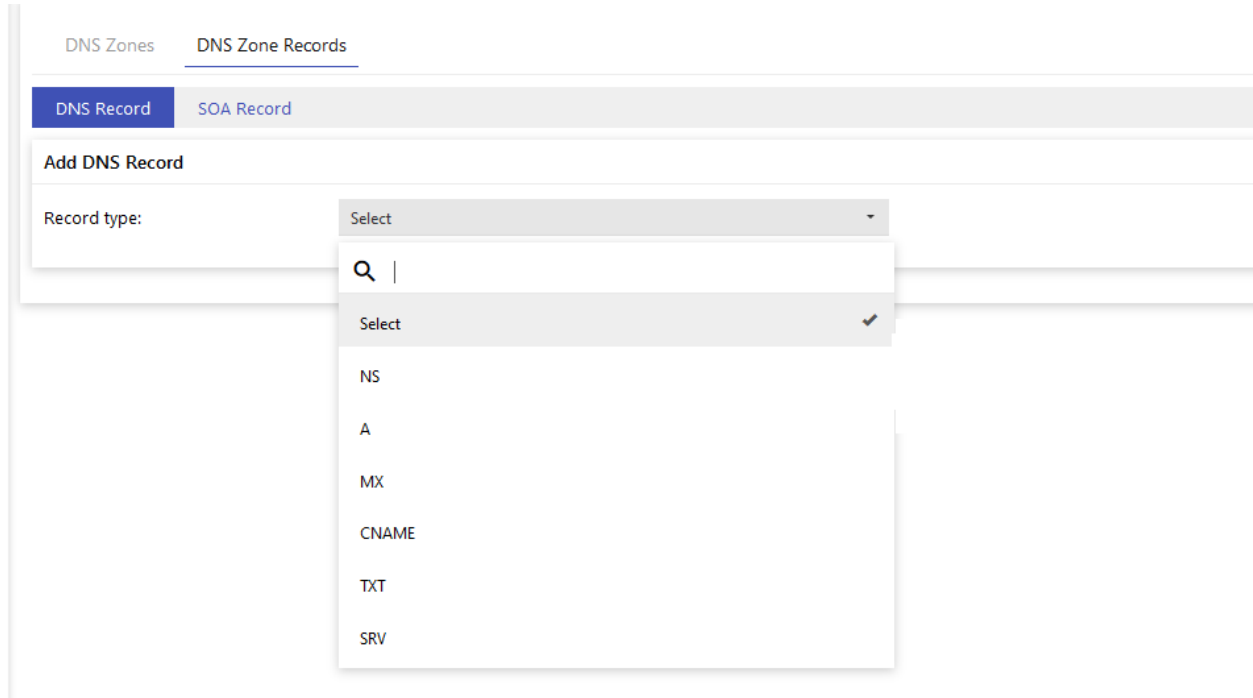
**Zone Name: buyonly.net**

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"/>



## Handling DNS Records and Managing DNS zones

Select DNS record type.



DNS Zones DNS Zone Records

DNS Record SOA Record

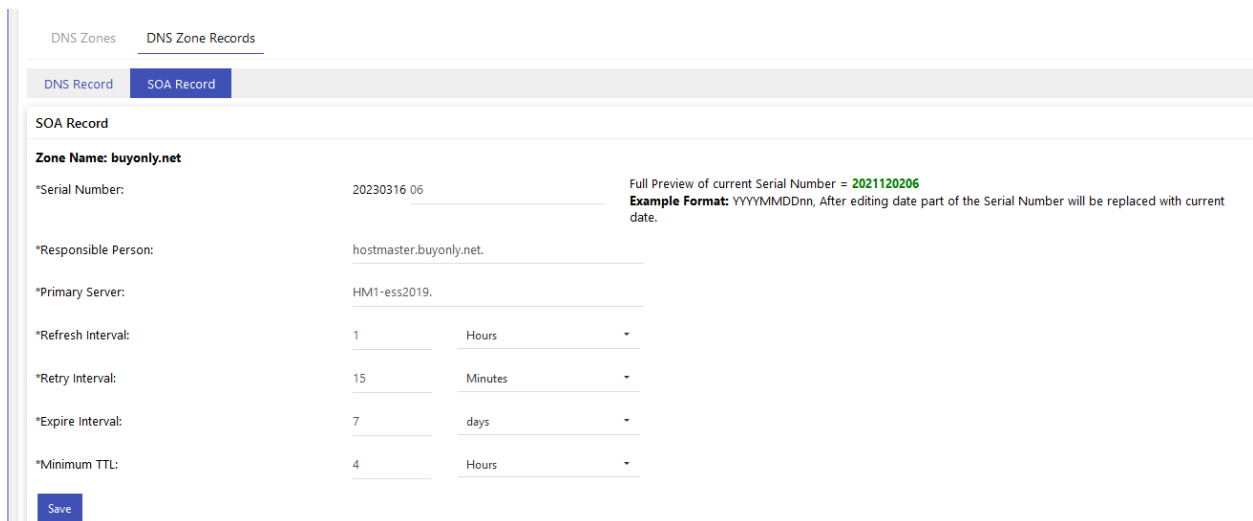
Add DNS Record

Record type:

- Select ✓
- NS
- A
- MX
- CNAME
- TXT
- SRV

### SOA Record

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



DNS Zones DNS Zone Records

DNS Record **SOA Record**

SOA Record

**Zone Name:** buyonly.net

\*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

Save

MachPanel Knowledgebase

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