

# 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:

Search in menu

Home > Service Director > DNS Manager > DNS Templates

Set as Home Page

DNS Templates

DNS Templates

Operations

Add DNS Template

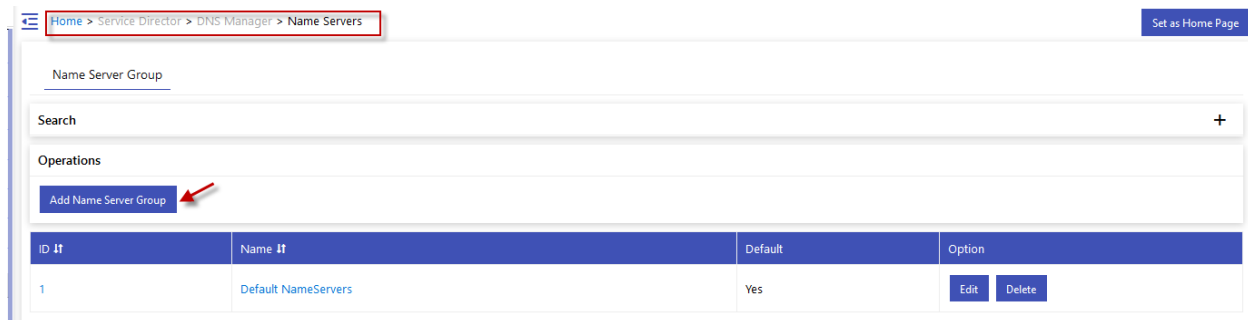
ID	DNS Template	In Use	Operations
1	Website Service DNS Template	Yes	Edit Remove
2	MSSQL Database Service DNS Template	Yes	Edit Remove
3	MySQL Database Service DNS Template	No	Edit Remove
4	Mail Service DNS Template	Yes	Edit Remove
5	FTP Service DNS Template	Yes	Edit Remove
6	O365 DNS Template	Yes	Edit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

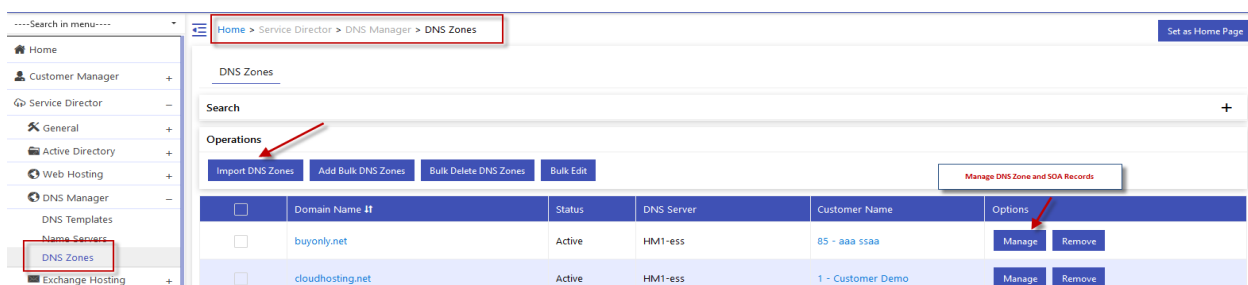


Provide NS IP addresses.

The screenshot shows the 'Add Name Server Group' form. It has a 'Name Server group name' field with the value 'NS1Group'. Below this are four rows for 'Name Server 1' through 'Name Server 4'. Each row has a 'Name Server' field and an '\*IP Address' field. The first two rows have values: '10.6.8.90' and '10.6.8.100' for the first row, and '10.6.11.90' and '10.6.11.100' for the second row. The 'Default' checkbox is checked, and it is highlighted with a red arrow. At the bottom are 'Save' and 'Cancel' buttons.

### 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

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

## 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

Bulk Delete DNS Zones

Upload CSV (one domain per line):

Select file

Upload

Sample CSV file

(OR)

\*Enter comma separated domain names:

Save

Cancel

### 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

Add DNS Record

Zone Name: buyonly.net

Name	Type	Value	Operations
@	Name Server (NS)	hm1-ess2019.	<div>EditRemove</div>
@	Name Server (NS)	ns1.onlyfordemo.net.	<div>EditRemove</div>
@	Name Server (NS)	ns2.onlyfordemo.net.	<div>EditRemove</div>
@	Text (TXT)	v=spf1	<div>EditRemove</div>



## Handling DNS Records and Managing DNS zones

Select DNS record type.

The screenshot shows the 'Add DNS Record' form in MachPanel. The 'DNS Record' tab is selected. The 'Record type' dropdown menu is open, showing a search bar and a list of record types: NS, A, MX, CNAME, TXT, and SRV. The 'Select' option is highlighted at the top of the list.

### SOA Record

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

The screenshot shows the 'SOA Record' form in MachPanel. The 'SOA Record' tab is selected. The form displays the following fields:

- 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

A 'Save' button is located at the bottom left of the form.

MachPanel Knowledgebase

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