

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

Operations

Add DNS Template

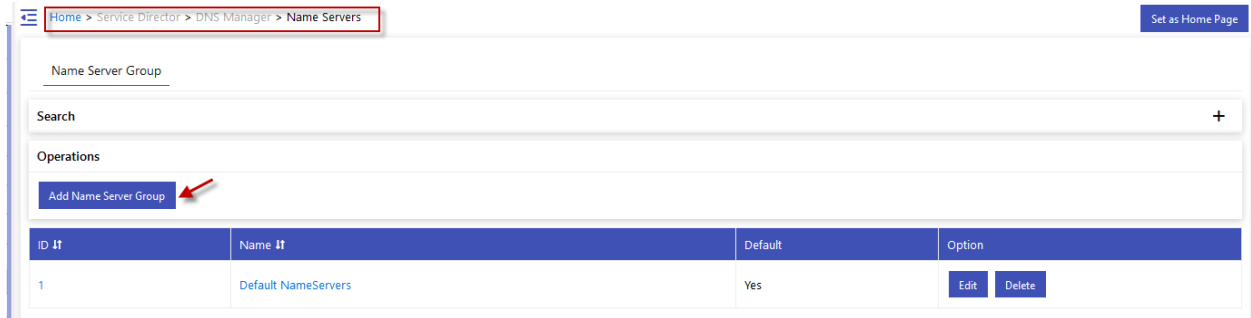
| ID | DNS Template | In Use | Operations |
|----|-------------------------------------|--------|-------------|
| 1 | Website Service DNS Template | Yes | Edit Remove |
| 2 | MSSQL Database Service DNS Template | Yes | Edit Remove |
| 3 | MySQL Database Service DNS Template | No | Edit Remove |
| 4 | 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.

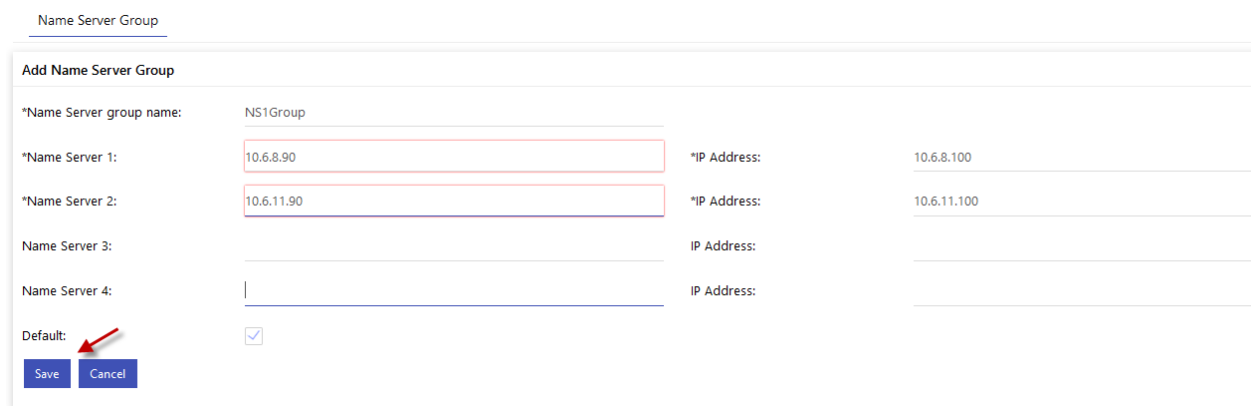
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Names Server

You can add Names Server Groups.

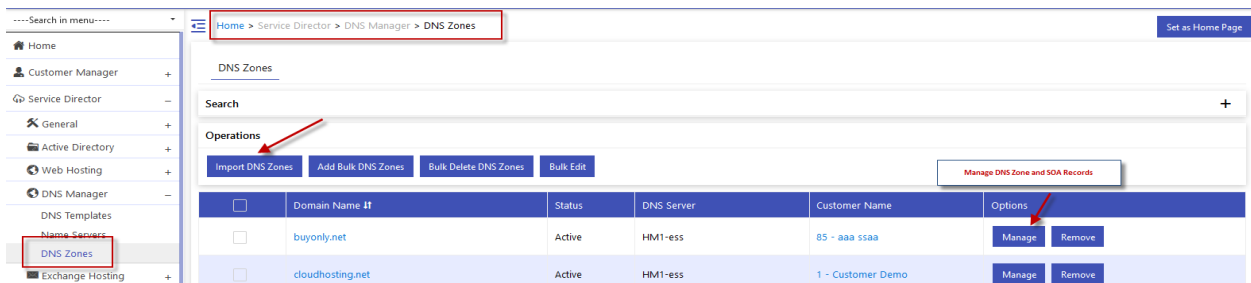


Provide NS IP addresses.



Managing DNS Zones and SOA Records

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



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

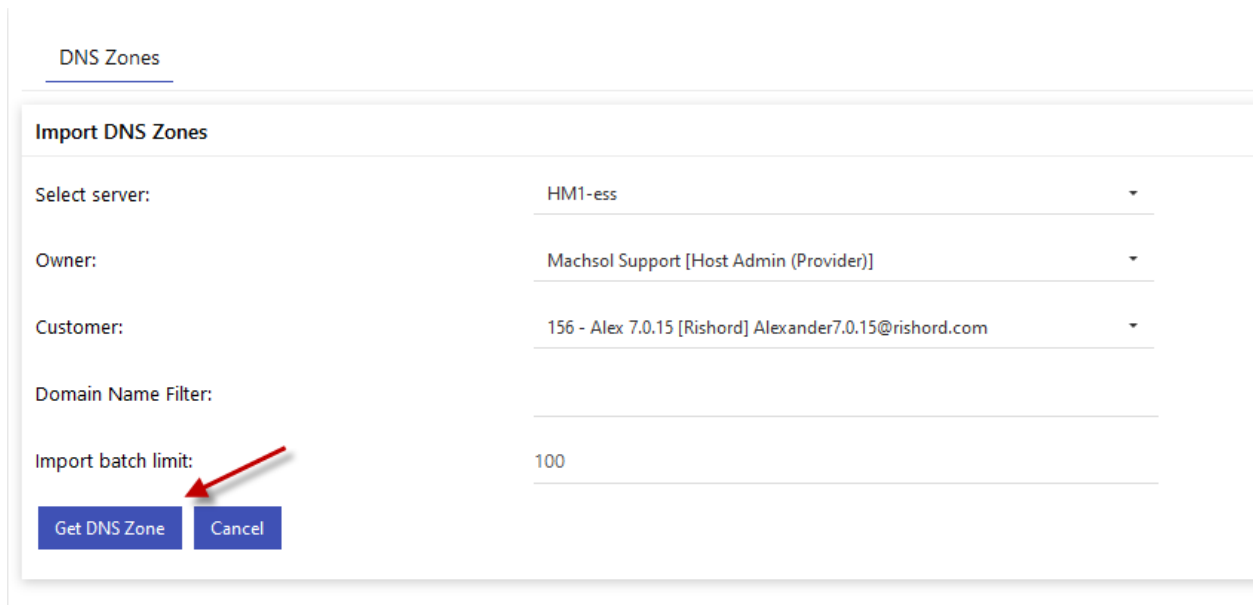
Owner: Machsol Support [Host Admin (Provider)]

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)

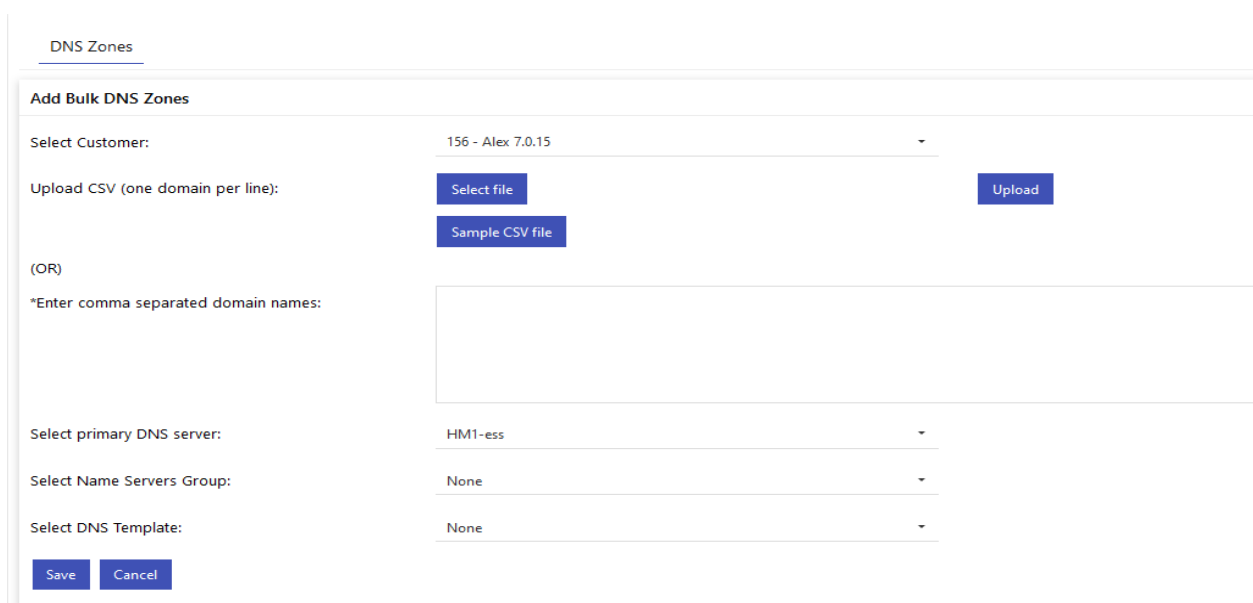
*Enter comma separated domain names:

Select primary DNS server: HM1-ess

Select Name Servers Group: None

Select DNS Template: None

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



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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

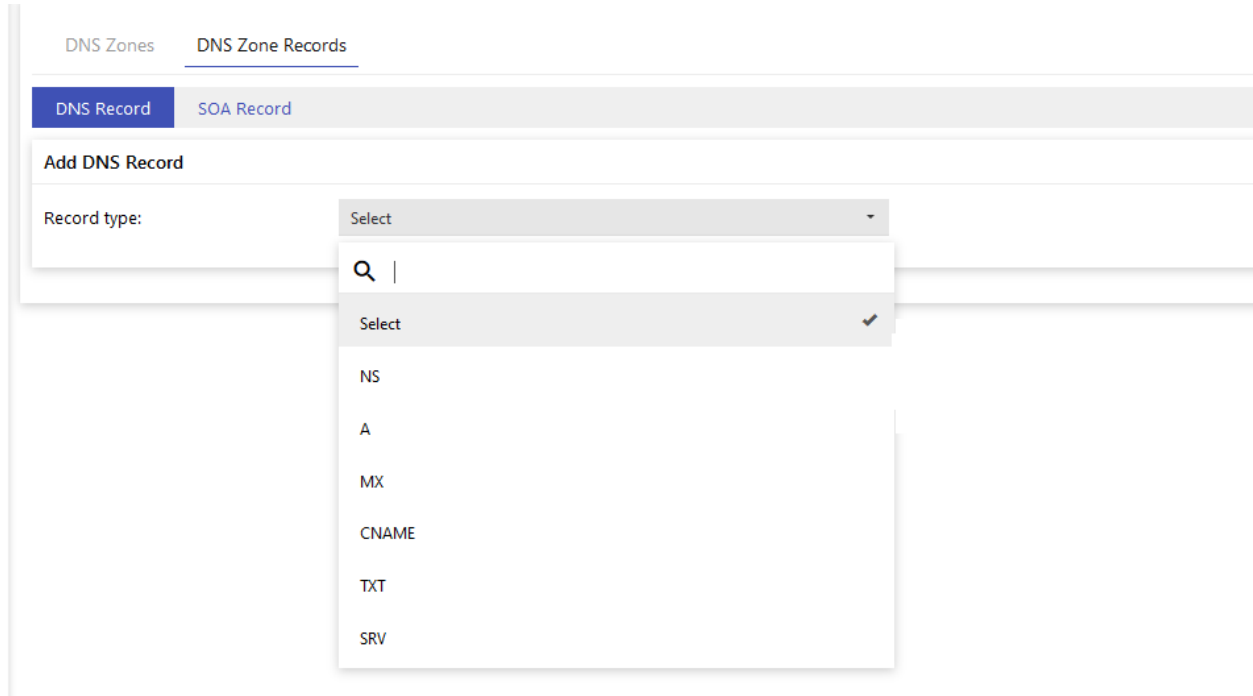


Zone Name: buyonly.net

| 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"/> |

Handling DNS Records and Managing DNS zones

Select DNS record type.



DNS Zones DNS Zone Records

DNS Record SOA Record

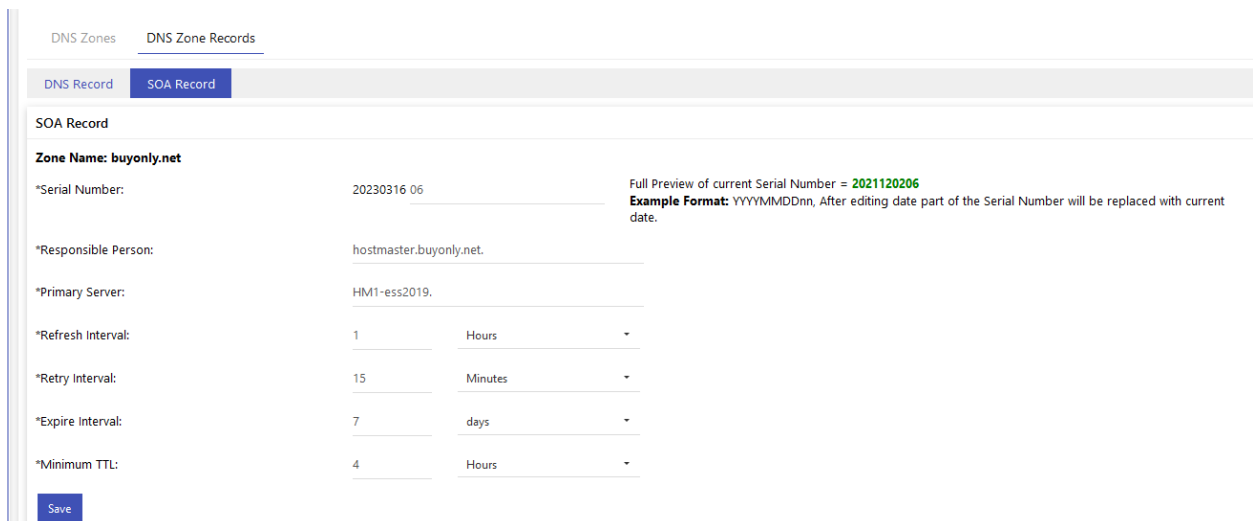
Add DNS Record

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...>