

Setting up SmartDNS Creating your first domain click the button **Create Master**:

FatPipe MPVPN Remote Configuration - SmartDNS

MPVPN4.3.0

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List of Zones: Text to Find:  Search

Zone Name	Type
fatpipetest.com.,	M

Create Master  
Create Slave  
Edit  
Delete

Advanced Settings View Statistics Clear Statistics

Administrator can add a new master zone by clicking on the "Create Master" button or a new slave zone by clicking on the "Create Slave" button. To edit or delete a zone, select the zone and click on the "Edit" or "Delete" button. Click on the "Advanced Settings" button to configure additional settings.

REFRESH SAVE SAVE&EXIT EXIT

Warning: Applet Window

## Creating Mater Zone:

Create Master Zone

Domain Name

Master Server

Email Address

Name Server1

Name Server2

Name Server3

New Master Zone Defaults:

Refresh	<input type="text" value="28800"/>	Retry	<input type="text" value="7200"/>
Expire	<input type="text" value="604800"/>	TTL	<input type="text" value="10"/>

Warning: Applet Window

Notice after the domain name there is a '.' There must be a period at the end of all three entries. Notice also that the e-mail address has a '.' Instead of an '@'. After you are done with this part select **OK** and the next widow will pop up see below. Note: If you only have 2 WAN lines then you only need to enter 2 Name Servers.

Edit Master Zone: " fatpipetest.com. "

Records:

A NS MX CNAME PTR TXT

Master Server nsl.fatpipetest.com.

Email Address jb.fatpipeitest.com.

Records File db.fatpipetest.com

Zone Parameters (in seconds):

Refresh 28800 Interval for slave servers to refresh data.

Retry 7200 Interval for slave servers to retry after refresh failure.

Expire 604800 Time before slave servers expire data after refresh and retry failure.

TTL 10 Time-To-Live (cache time)

OK Cancel

Warning: Applet Window

This window allows you to create all records except for the PTR record you will have to create its own master record. Refer to the PTR record how to doc.

Now let's click **A** and create our A records. Click **Create** and the screen should look like this:

The 'Edit 'A' Records' dialog box contains a table with the following data:

Name	TTL	IP Address
@	10	1.1.1.10
@	10	2.2.2.10
ns1	10	166.70.116.202
ns2	10	67.107.195.5
www	10	1.1.1.10

Below the table are four buttons: Create, Edit, Delete, and Close.

The 'A' Records dialog box has the following fields:

- Name:
- IP Address:
- TTL:  Default

Buttons: OK, Cancel

You can enter the records 2 different ways:

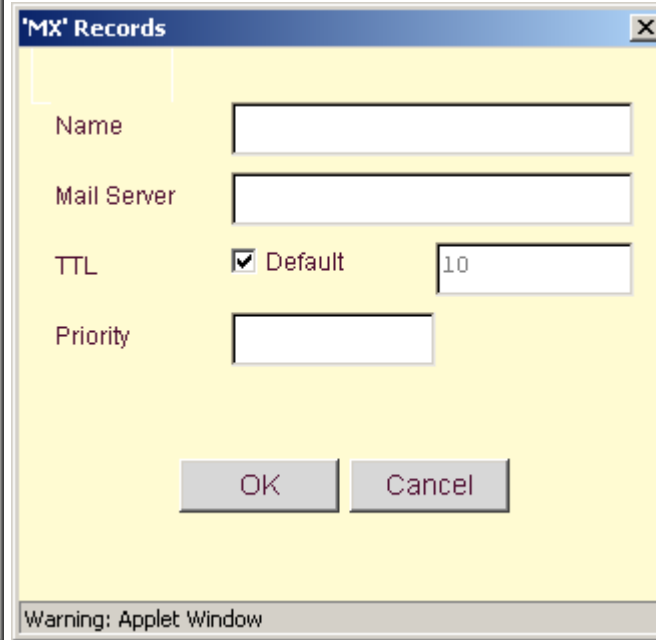
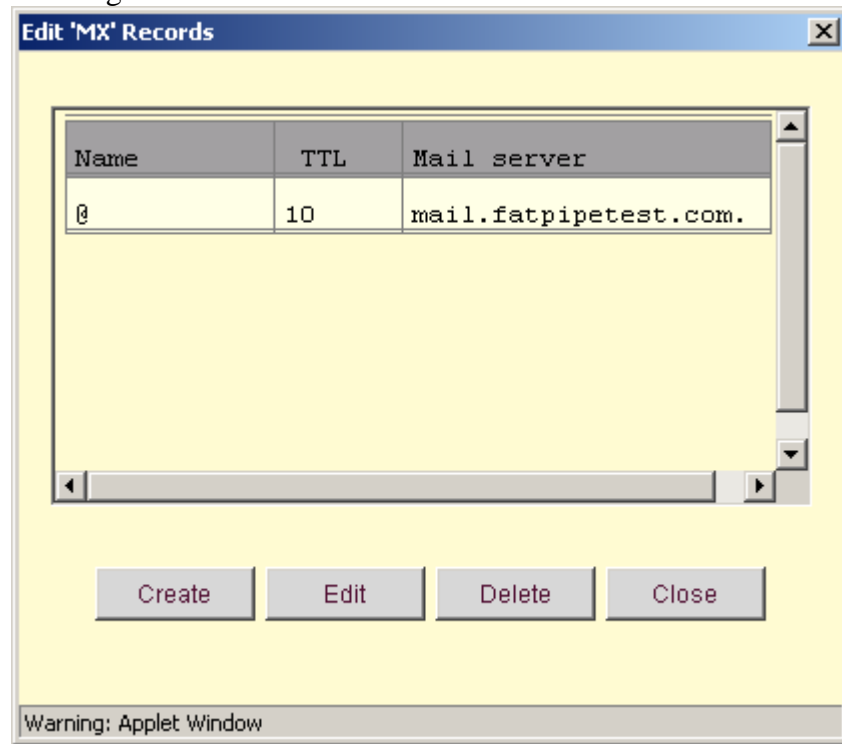
The 'A' Records dialog box shows the Name field containing 'www'. The IP Address field is empty, and the TTL is set to 10.

The 'A' Records dialog box shows the Name field containing 'www.fatpipetest.com.'. The IP Address field is empty, and the TTL is set to 10.

If you use the domain name after the www server name you must use a '.' at the end.

Note: You must enter **A** records for all of you **NS** records for the first domain (which are the WAN IP's of the Fatpipe)

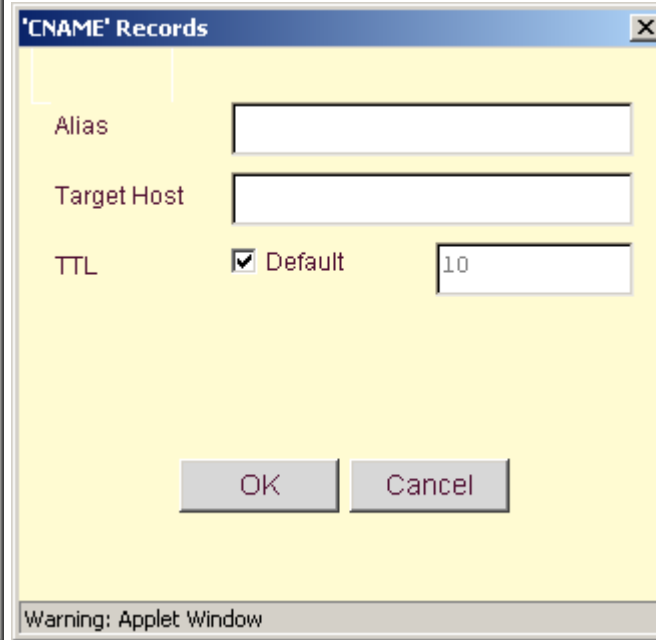
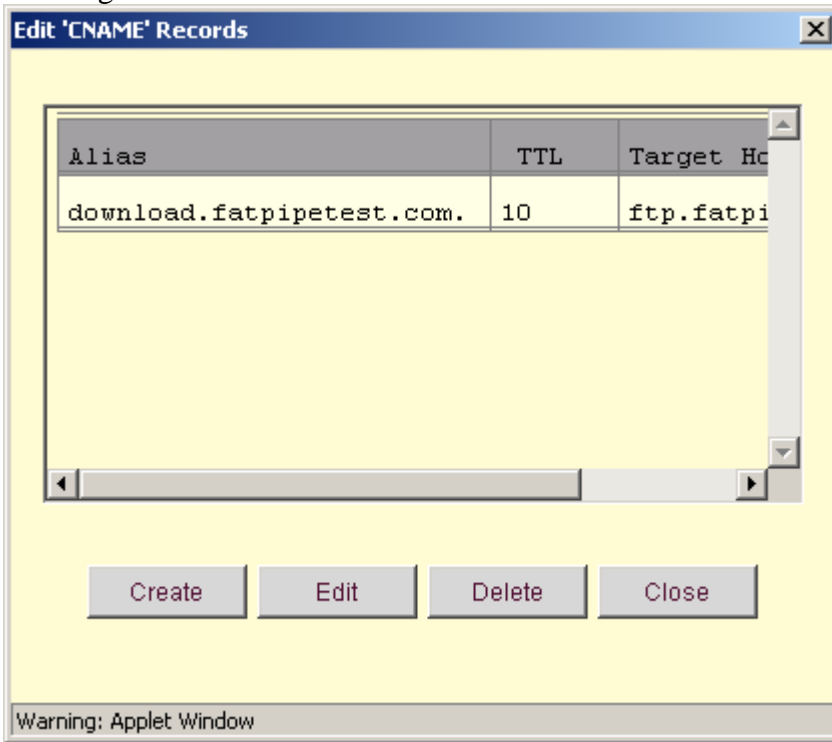
Creating MX record:



Click create window on right side will pop up:

1. Enter the name @ which is the same as fatpipetest.com.
2. Enter Mail Server: mail.fatpipeinc.com.
3. Then click OK

Creating a CNAME record:



Click create and window on right will pop up.



Enter Alias name and Target host and click OK.

Creating a TXT record:

The screenshot shows a window titled "Edit 'TXT' Records". It contains a table with three columns: "Name", "TTL", and "TEXT". The table is currently empty. Below the table are four buttons: "Create", "Edit", "Delete", and "Close". At the bottom of the window, there is a warning message: "Warning: Applet Window".

The screenshot shows a window titled "'TXT' Records". It contains three input fields: "Name", "TXT Value", and "TTL". The "TTL" field has a checked checkbox labeled "Default" and a text box containing the value "10". Below the input fields are two buttons: "OK" and "Cancel". At the bottom of the window, there is a warning message: "Warning: Applet Window".

Please refer to website for TXT setup: <http://www.openspf.org/wizard.html>

## Quick reference:

### Smart DNS Basic setup:

#### A records:

ns1	10	IN	A	65.19.173.34	WAN 1 IP of Fatpipe
ns2	10	IN	A	69.2.213.18	WAN 2 IP of Fatpipe
www	10	IN	A	65.19.173.37	Web server
www	10	IN	A	69.2.213.20	Web Server - (reverse mapped IP)
mail	10	IN	A	65.19.173.36	Mail server
mail	10	IN	A	69.2.213.19	Mail server - (reverse mapped IP)
@	10	IN	A	65.19.173.37	So this will resolve without the WWW in front of fatpipetest.com
@	10	IN	A	69.2.213.20	So this will resolve without the WWW in front of fatpipetest.com

#### Notes:

#### NS records:

@	10	IN	NS	ns1.fatpipetest.com.
@	10	IN	NS	ns2.fatpipetest.com.

#### MX records:

@	10	IN	MX	10	mail.fatpipetest.com.
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**Interface-To-Network Mapping setup:** Click on Advanced Settings tab

The 'Advanced Settings' window contains two main sections. The 'Zone Transfer' section has a checkbox for 'Allow Zone Transfers' which is currently unchecked. Below it, the 'From:' section has two radio buttons: 'Any IP' (selected) and 'Specify IPs'. There is an empty list box with 'Add', 'Edit', and 'Delete' buttons. The 'Interface-To-Network Mapping' section features a table with the following data:

Interface	Network Address/Mask
WAN1	1.1.1.0/24, 1.1.10.0/24
WAN2	2.2.2.0/24
WAN3	

An 'Edit' button is located to the right of the table. At the bottom of the window are 'OK' and 'Cancel' buttons. A warning bar at the bottom reads 'Warning: Applet Window'.

The 'Edit Network Mapping' dialog box prompts the user to input new mapping information. It shows 'Current Interface: WAN1'. Below this, the 'Network IP Address/Masks' section has a list box containing '1.1.1.0/24' and '1.1.10.0/24', with 'Add', 'Edit', and 'Delete' buttons to its right. At the bottom are 'OK' and 'Cancel' buttons. A warning bar at the bottom reads 'Warning: Applet Window'.

Highlight the WAN interface and add the full subnet for each WAN interface.

The network to interface mappings are used to designate the IP space that exists for each WAN line. This is especially important to configure if you have multiple networks on one WAN link. It is also suggested that you add in these entries irregardless. They are utilized by the Fatpipe for handing out IP addresses for DNS queries replied to by the Fatpipe.