

How to setup dynamic dns and verify its update status in DFL unit

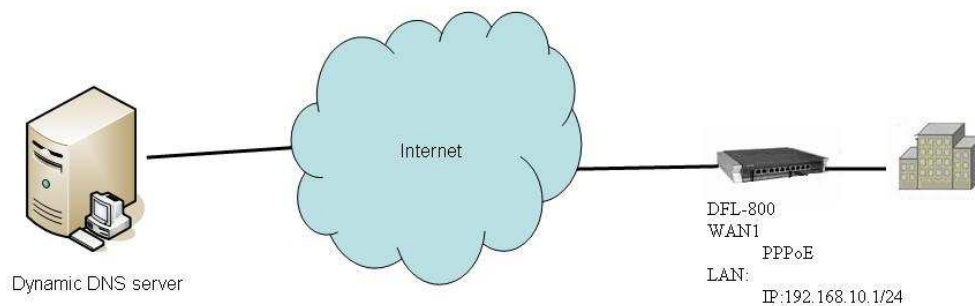
Before the scenario hands-on, we assume that the readers already along with following abilities and resource:

1. The simple DNS concept
2. a dynamic DNS account.

Scenario summary:

DFL-210/800/1600 f/w:v2.12.00 and DFL-700 f/w:v.

1. we will let DFL-unit access INTERNERT via PPPoE and update its DNS record with its WAN IP address

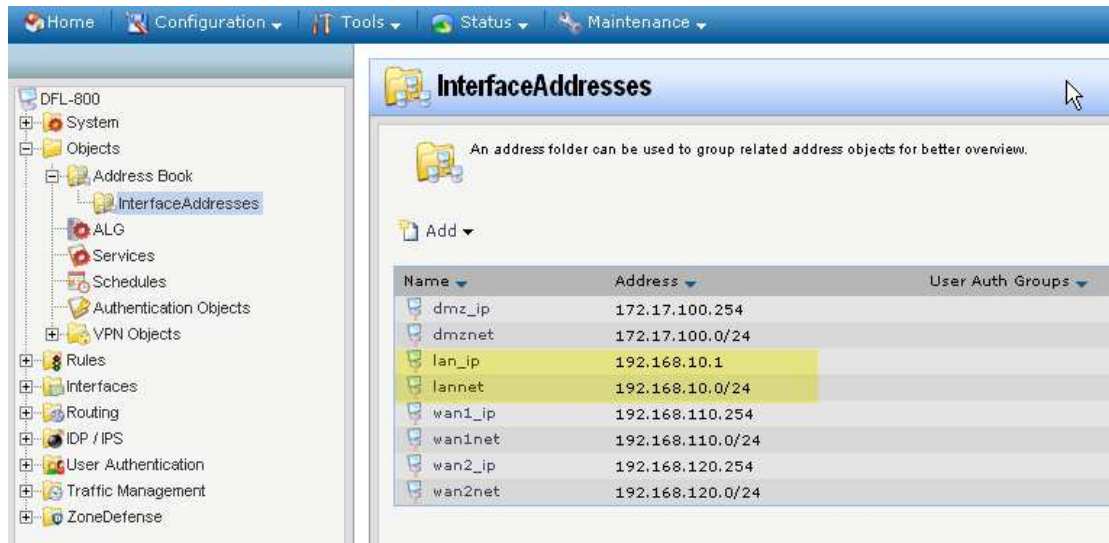


Object

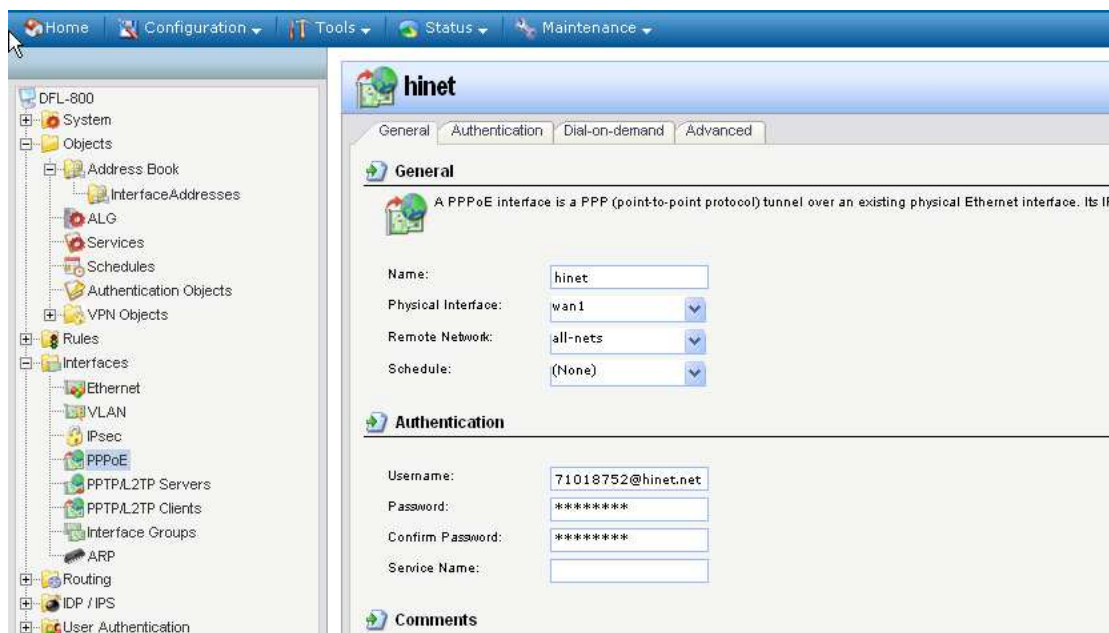
1. Configure PPPoE and Dynamic DNS record .
2. verify the Dynamic DNS update status.

DFL-800

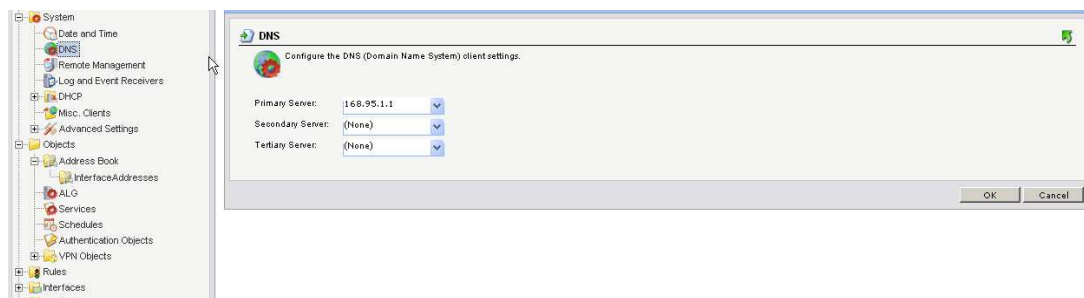
Step 1. Set up LAN interface



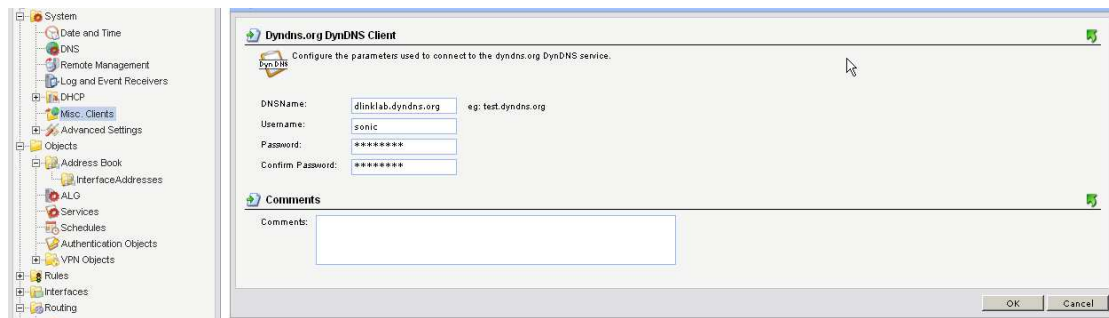
Step 2. Setup PPPoE interface on wan1



Step 3. Add a DNS server's IP in DFL-800 to register dynamic DNS name. You also can use the default IP address object created by PPPoE interface.



Step 4. Add the dynamic DNS, user name and password



Step 5. Verify the dynamic DNS update status.

By default, DFL unit will automatically update dynamic DNS, when WAN1 interface get a new IP address like device booting up and restarting interface. You also can use the following command to manually update the DNS record.

```
#httpposter
```

And then you can check the status of this update with the command.

```
#httpposter -display
```

If it is successful, you will see the information as the following picture

```
DFL-800:/> httpposter -display
HTTPPoster_URL1:
Host : "members.dyndns.org"
Port : 80
Path : "/nic/update?hostname=dlxx.dyndns.org"
Post : ""
User : "sonic0821"
Pass : "a152495"
Status: Response from server: HTTP/1.1 200 OK Date: Mon, 10 Sep 2007 07:16:17 GMT Server: Apache/2.2.8-UpdateCode: n Content-Type: text/plain
ction: close good 220.137.83.75
```

Otherwise you will get a error message in the Status field.

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