

Configure ddns in router through telnet

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-- Hi all,

I thought that this was the right place for my query so here it is:

Following is my setup:

1. ADSL always on Internet Connection via Modem with built in Router and NAT Capabilites (Huawei SmartAX MT841).
2. Dynamic IP address provided by ISP that changes randomly (between a period of 4 to 8 hours of inactivity).
3. Running VNC software to access single PC behind the Router.
4. Have subscribed to Dynamic DNS Services to update IP whenever it changes with a software Client installed on PC.
5. Have setup Port forwarding correctly and am able to access my PC from another remote PC connected to the internet.
6. PC is connected with LAN card with WakeOnLan capability.
7. My ISP is blocking incoming requests to port 80 but I am able to get DDNS services from port 8245, hence the underlying problem is not related to Ports being blocked By ISP.

My problem>>

1. I wish to keep my PC powered off so that I can power it on remotely using Magic Packets to WakeOnLAN.
2. I am willing to keep my Router On ALL the time in place of my PC.
3. This Router will be able to forward / send Magic Packets for WoLAN to PC.
4. Since the PC is powered OFF meanwhile, the software Client on Pc will not be able to update the IP on the Internet Server providing DDNS services.
5. The Firmware in the router supports DDNS but GUI has no link to implement it.
6. I have to setup the DDNS Client in the Router to send IP updates to the DDNS server by telneting the router.

I have managed to telnet it and configure it for DDNS updates but

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there is a problem:

I have to put in 4 variables to setup the service properly.

hostname, password, username, vendor

I have the values for the first 3 but am not sure about the "Vendor" variable.

After setting up the 3 Values and enabling DDNS on my router I get the following error message:

```
webserver:Reading owned node but no read lock acquired
```

I think there is some oddball setting that I may be missing but it is the "vendor" variable which seems to be causing the issue. Moreover if I can get hold of any script to upload to the router which will take care of this work it would be helpful.

The main thing is that I want to keep my PC powered off (grin) ofcourse to save power and that's all the only reason for getting into this stuff else I can easily manage it keepng it powered on ALL the time. And ofcourse the fact of Dyamic IP Allocation by my ISP puts in all the necessary hassle. BTW my PC is reachable if by chance the IP address provided by the ISP had not expired and the IP uploaded to DDNS server was still valid but that was only a case which was 1 out of 4 times and I need a sureshot solution.

I need to appologize for this ultra long post but to help the Community understand my problem and keep proposed solution much in line with the problem indeed this was needed to be documented in detail.

Thanks,
Ravi...

A message received from query addressed to the DDNSservice provider is as follows:

Ravi, thank you for contacting our customer support team. That error is being generated by the router itself. You will need to contact the manufacturer for more information on how to configure the DDNS client, as we cannot provide support for their device or client. If you have any questions, please feel free to ask.

Regards,
Jason

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This was the mail I sent to them>>

My router is huawei SmartAX mt841

I wish to use its built in DDNS client for Dynamic DNS Services but it does not have Graphical User Interface for the same. I managed to telnet to it and retrieved the following information;

It has ddns command for enabling Dynamic DNS and asks the paramaters to be input

```
username  
password  
hostname  
vendor
```

I tried putting the hostname as grtraders.getmyip.com & vendor as members.dyndns.org:8245 and also set the username and password parameters to their respective values & intercahanged the values of hostname & vendor above as I was not sure of them but got the following error both times when I enabled DDNS

```
webserver:Reading owned mode but no read lock acquired.
```

Maybe you can help. I know my isp is blocking port 80 so I tried to get the job done on port 8245.