

VoIP Configuration & Operation Settings

Dynamic IP(PPPoE) Application Procedure

Dynamic IP Application

Connection Diagram

Before Setup Dynamic IP

Dynamic IP Setup Procedure

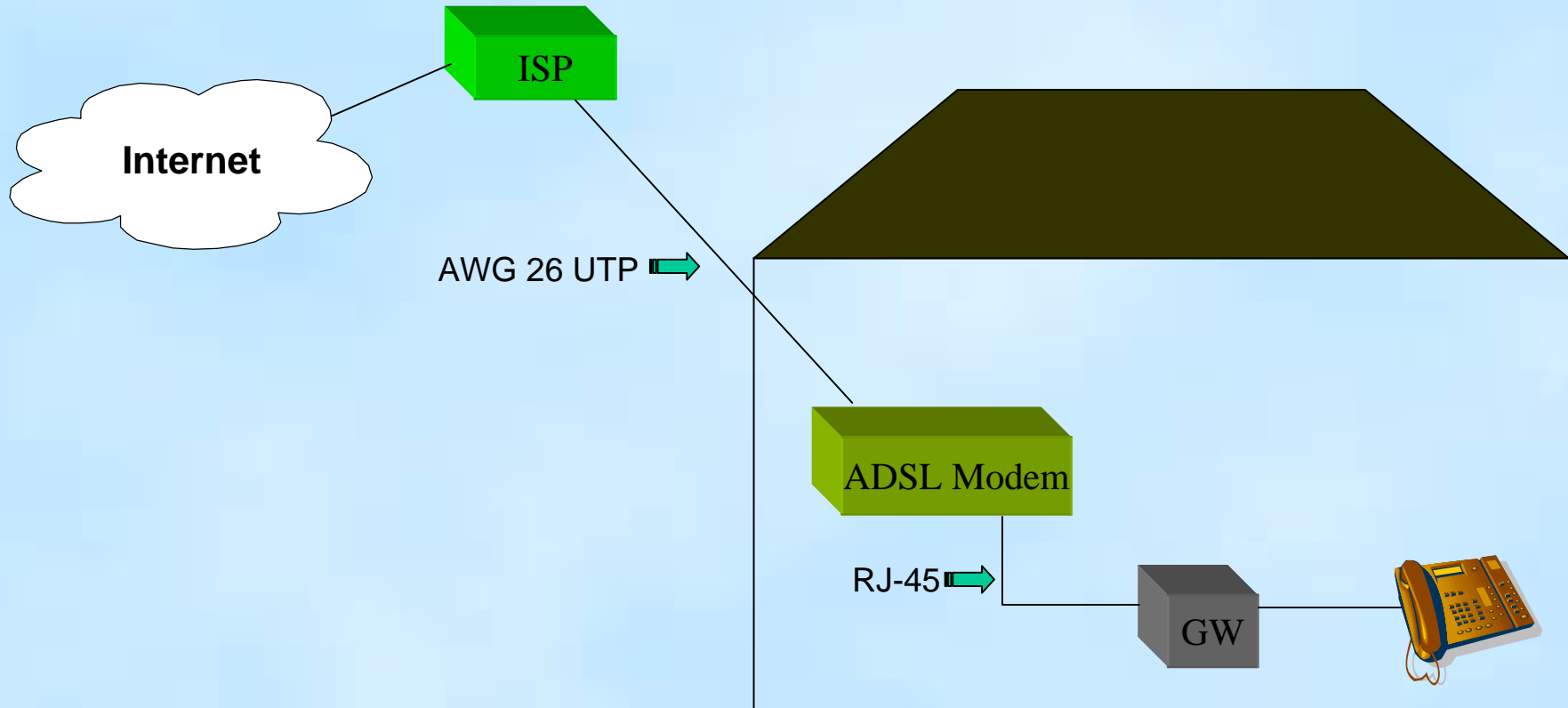
After Setup Dynamic IP

Sample for Apply Dyndns

Q&A

Connection Diagram

PPPoE Connection Diagram



Before Setup Dynamic IP

You need to provide the following data before setup the dynamic IP application

1. Your PPPoE user name(login name)

e.g.: **84186253@hinet.net**

2. Your PPPoE password

e.g.: **2urilegi**

3. Your DNS server name

e.g.: **dyndns**

4. Your DNS server login name

e.g.: **johnny119**

5. Your DNS server password

e.g.: **12345**

6. Your DNS registered host name

e.g.: **johnny1**

Dynamic IP Setup Procedure

Console>net set ppoe on

Under VoIP console
switch ppoe on

OK, PPPoE enabled

System confirm and
remind you re-boot to
take effect

You must restart the system before the new setting will take effect.

===== WARNING =====

- * Restarting the system will hang up all telephone connections *
- * and all the configuration settings will lose. *
- * Be certain all the configuration settings have been saved. *

Do you want to restart the system now (y/n)? [n]

Type 'n' due to setup
still not complete

Console>nets set ppoe user_name 84186253@hinet.net

OK

Input your PPPoE user
name(login name)

Dynamic IP Setup Procedure(Cont'd)

You must restart the system before the new setting will take effect.

===== WARNING =====

- * Restarting the system will hang up all telephone connections *
- * and all the configuration settings will lose. *
- * Be certain all the configuration settings have been saved. *

System confirm and remind you re-boot to take effect

Do you want to restart the system now (y/n)? [n]

Type 'n' due to setup still not complete

Console>net set pppoe pw 2urilgai

Input your PPPoE password

OK

You must restart the system before the new setting will take effect.

===== WARNING =====

- * Restarting the system will hang up all telephone connections *
- * and all the configuration settings will lose. *
- * Be certain all the configuration settings have been saved. *

System confirm and remind you re-boot to take effect

Dynamic IP Setup Procedure(Cont'd)

Do you want to restart the system now (y/n)? [n]

Type 'n' due to setup still not complete

Console>net set dyndns on

Enable dyndns register function

OK, DynDns enabled

You must restart the system before the new setting will take effect.

System confirm and remind you re-boot to take effect

===== WARNING =====

* Restarting the system will hang up all telephone connections *

* and all the configuration settings will lose. *

* Be certain all the configuration settings have been saved. *

Do you want to restart the system now (y/n)? [n]

Type 'n' due to setup still not complete

Console>set dyndns add dyndns johnny1 johnny119 12345

OK

Add your DNS server name, Host name, DNS login name, and password

Dynamic IP Setup Procedure(Cont'd)

Console>config activate

OK

Activate and save
DNS setting

Console>config store

OK

Re-boot system to take
your all setting effect

Console>net reset

===== WARNING =====

* Restarting the system will hang up all telephone connections *

* and all the configuration settings will lose. *

* Be certain all the configuration settings have been saved. *

Do you want to restart the system now (y/n)? [n] y

System re-confirm the
re-boot request

Boot loader V4.13

Mem 16b 16M

Loading application

code.....

Type 'y' and system
start to re-boot system

Dynamic IP Setup Procedure(Cont'd)

***** Internet Telephony Gateway (ACC) Version 3.23 *****

System re-boot
completed

***** Hardware Configuration *****

Flash: type-Am29LV160DB 32 sectors 64 KB/sector

RAM: 8 MB 512K x 16

LAN: auto-negotiation on-going. Link DOWN

TIM slot A: type-FXO2S2 DSP-C549 codec-PEB2466 Diag-OK

Console>Starting PPPoE.....

System start the
PPPoE connecting

received PADO

PPPoE up, set my IP to 61.216.113.223.

PPPoE up and system
get the new IP address

nwx_dns_init ip a85fc001

HSMU: DNS a85fc001 Initialized.

DNS database initialized and
updated successfully

Account johnny1, dyndns.org updated successfully

After Setup Dynamic IP

You need to check the following after setup Dynamic IP application

1. Your dial plan dadd 'mode' parameter should be **'dns'** and follow a **host name**
2. Who want to make a call to you, he have to set a **DNS_IP** on his GW, then save the configuration and re-boot
e.g.: **set h323 dns_ip 168.95.1.1**
config activate
config store
net reset

Sample for Apply Dyndns

Visit Dyndns Web site

Dynamic DNS Network Services, LLC - Microsoft Internet Explorer

檔案(F) 編輯(E) 檢視(V) 我的最愛(A) 工具(T) 說明(H)

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網址(D) http://www.dyndns.org

DynDNS.org

Home -- Support -- **News** -- Resources -- System Status -- Donations -- About Us -- Contacts -- **Sign Up Now** -- L

Home Tuesda

MyDynDNS

Custom DNS

- [Features](#)
- [Support](#)
- [How-To](#)
- [FAQ](#)
- [Clients](#)

Secondary DNS

- [Support](#)
- [How-To](#)
- [FAQ](#)

Dynamic DNS

Welcome!

Just got your cable installed? Itching to have a personal site on your DSL? Want to control your own e-mail? We can help! We can help you have to tell friends about that annoying changing IP address or ISP-assigned hostname? We can help!

Our [Dynamic DNS](#) and [Static DNS](#) services give you a new name - yourname.dyndns.org, for example, or from several other domains. Sign up, pick a hostname, download one of our selection of third-party [updates](#) you're on your way! Best of all, these services are totally free for up to 5 hostnames each. Upgrade credits purchased to allow for more hostnames.

Want more from that domain you've just purchased, but don't have the time or resources to run your own DNS? If you pay a one-time setup fee, you can take advantage of one of our [MyDynDNS Services](#)!

Want to get rid of that ugly http://home.yourisp.com/~someuser/ web address? Try our free [WebHop Redirection Service](#)!

Sample for Apply Dyndns

Create Dyndns Member Account

Sign Up Now

- [Secure](#)
- [Normal](#)

Login

- [Secure](#)
- [Normal](#)
- [Lost Password?](#)

Create NIC Login Account

Please fill out the form below in its entirety to create your account. You will receive an email containing instructions on activating your account. If you do not follow these directions within 48 hours, you will have to start over.

Username
Your username will be used to login to the NIC and make changes
NIC Username Requested:

Email Address
The e-mail address you enter **MUST** be valid; instructions on activating your account will be sent there. You must keep this address up-to-date at all times; accounts with invalid e-mail addresses will be removed, no questions asked. We do not sell our list to anyone, however we do require a valid address for contact purposes and for subscription to the all-users mailing list to provide you with important system announcements.

E-Mail Address:
Confirm E-Mail Address:

Password
The password you enter will be used to access your account. It must be 5 characters or more, and must not be the same as your username. Please be certain to type it carefully, and to type the same password twice - you'll need to be able to remember this to access your account!

Password:
Confirm Password:

Sample for Apply Dyndns Login Dyndns with Your Account

The screenshot shows a Microsoft Internet Explorer browser window displaying the DynDNS.org Members' Network Information Center (NIC) page. The browser's address bar shows the URL <https://members.dyndns.org/nic/login>. The page features the DynDNS.org logo and a navigation menu with links for Home, Support, News, System Status, Delete Account, Preferences, and Logout. The user is logged in as 'fae119' on Tuesday, January 28, 2003. The main content area includes a welcome message, a 'User Information' section with details about the registered email address and premium services, and a footer with copyright information and links to the Acceptable Use Policy and Privacy Policy.

members.DynDNS.org -- NIC -- Welcome! - Microsoft Internet Explorer

檔案(F) 編輯(E) 檢視(V) 我的最愛(A) 工具(T) 說明(H)

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網址(1) <https://members.dyndns.org/nic/login>

DynDNS.org
Members

Home -- Support -- News · System Status · Delete Account -- Preferences -- Logout

[Members](#) :: NIC Tuesday, January 28, 2003

Dynamic DNS
Static DNS
WebHop

Welcome fae119

Welcome to the Members' Network Information Center (NIC). The NIC is the core access point for all of our services. The options above and to the left provide you with full access to your account, allowing creation and modification of various host types, and overall account modifications such as e-mail and password changes. Please contact the [support department](#) if you have any problems.

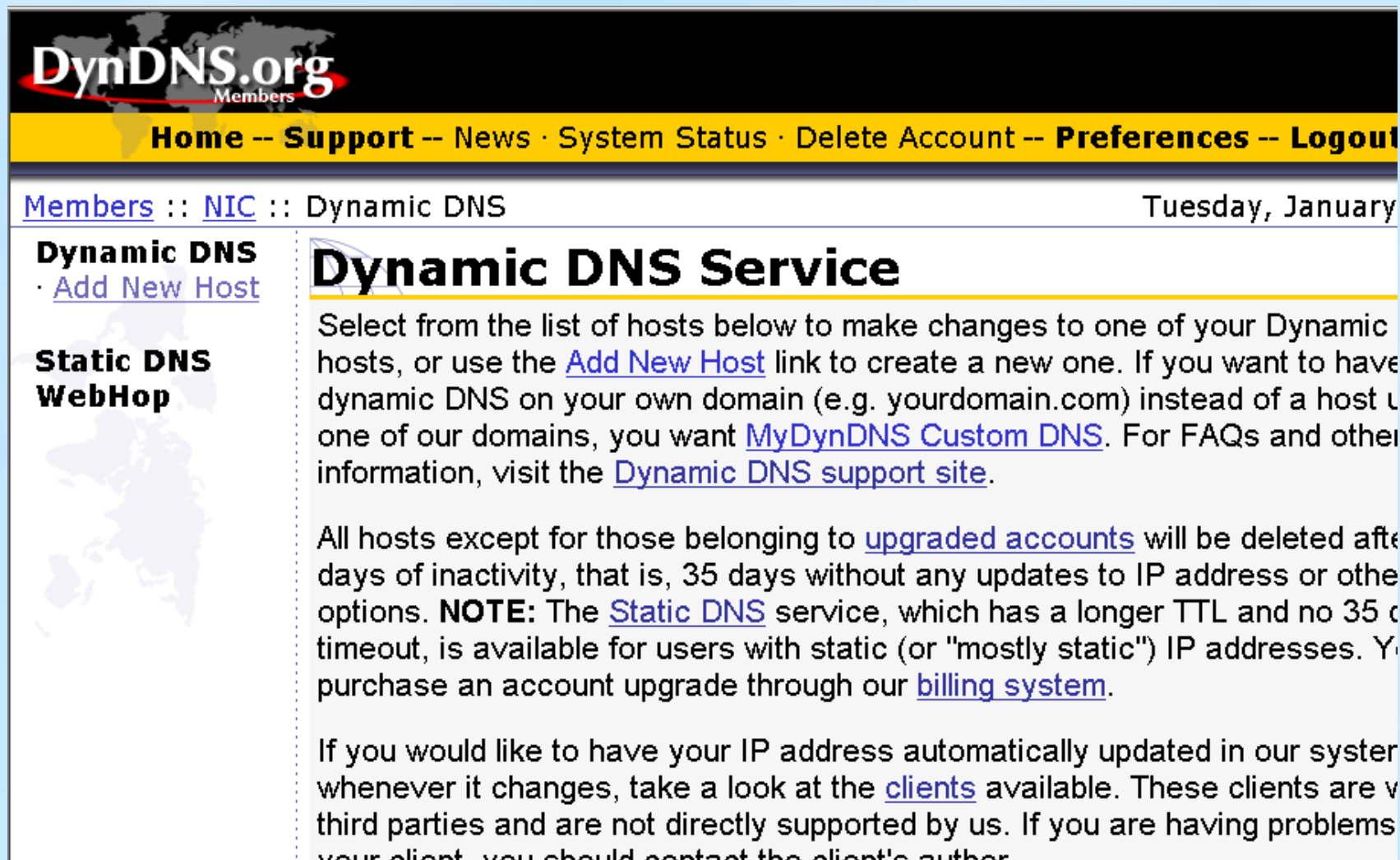
User Information

- Registered E-Mail Address: johnny_chen@accel.com.tw ([Change email address](#))
- To use premium services such as [account upgrades](#), [Secondary DNS](#), or [Custom DNS](#), please use our [purchase system](#).

All pages copyright © 1999-2002 Dynamic DNS Network Services, LLC.
Please read the [Acceptable Use Policy](#) and [Privacy Policy](#) before signing up for any services.

Sample for Apply Dyndns

Go to Dynamic DNS Service



The screenshot shows the DynDNS.org website. At the top left is the logo "DynDNS.org Members". A yellow navigation bar contains links: "Home -- Support -- News · System Status · Delete Account -- Preferences -- Logout". Below this, the page title is "Members :: NIC :: Dynamic DNS" and the date is "Tuesday, January". The main content area is titled "Dynamic DNS Service". It contains a paragraph explaining how to manage hosts, a paragraph about account upgrades, and a paragraph about automatic IP updates. A sidebar on the left lists "Dynamic DNS" with a link to "Add New Host", and "Static DNS WebHop".

DynDNS.org
Members

Home -- Support -- News · System Status · Delete Account -- Preferences -- Logout

Members :: NIC :: Dynamic DNS Tuesday, January

Dynamic DNS Service

Select from the list of hosts below to make changes to one of your Dynamic hosts, or use the [Add New Host](#) link to create a new one. If you want to have dynamic DNS on your own domain (e.g. yourdomain.com) instead of a host on one of our domains, you want [MyDynDNS Custom DNS](#). For FAQs and other information, visit the [Dynamic DNS support site](#).

All hosts except for those belonging to [upgraded accounts](#) will be deleted after 35 days of inactivity, that is, 35 days without any updates to IP address or other options. **NOTE:** The [Static DNS](#) service, which has a longer TTL and no 35 day timeout, is available for users with static (or "mostly static") IP addresses. You can purchase an account upgrade through our [billing system](#).

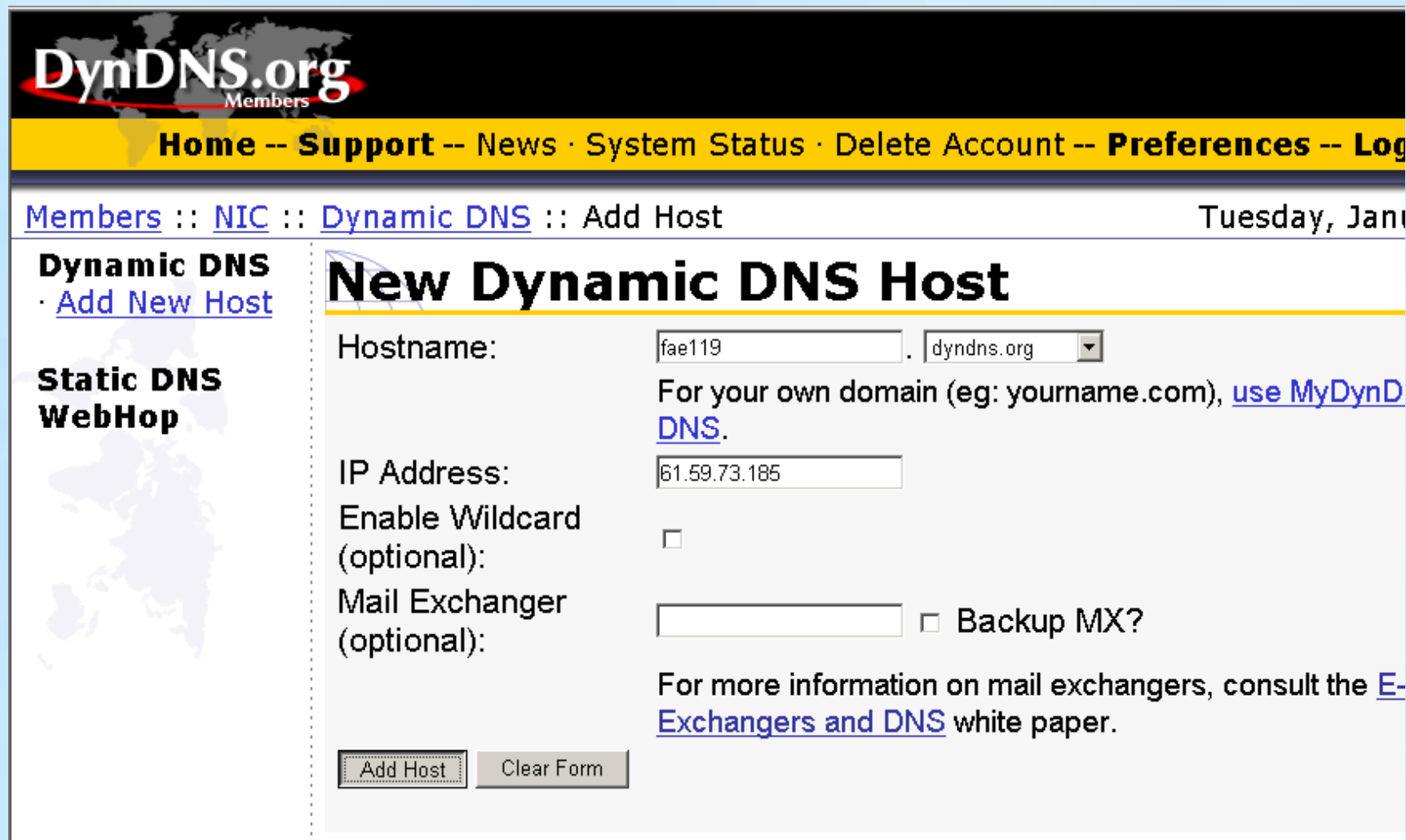
If you would like to have your IP address automatically updated in our system whenever it changes, take a look at the [clients](#) available. These clients are from third parties and are not directly supported by us. If you are having problems with your client, you should contact the client's author.

Dynamic DNS
· [Add New Host](#)

Static DNS
WebHop

Sample for Apply Dyndns

Add Your New Host Name



The screenshot shows the DynDNS.org website interface. At the top left is the DynDNS.org logo with 'Members' underneath. A yellow navigation bar contains links: Home -- Support -- News · System Status · Delete Account -- Preferences -- Log. Below this is a breadcrumb trail: Members :: NIC :: Dynamic DNS :: Add Host, and the date Tuesday, Jan 11, 2005. The main content area is titled 'New Dynamic DNS Host'. On the left, there are links for 'Dynamic DNS' and 'Add New Host', and 'Static DNS WebHop'. The form fields are: Hostname (fae119) with a dropdown menu set to dyndns.org; IP Address (61.59.73.185); Enable Wildcard (optional) (checkbox); Mail Exchanger (optional) (empty text box) with a 'Backup MX?' checkbox. A note at the bottom of the form says: 'For more information on mail exchangers, consult the [E-Exchangers and DNS](#) white paper.' At the bottom of the form are two buttons: 'Add Host' and 'Clear Form'.

DynDNS.org
Members

Home -- Support -- News · System Status · Delete Account -- Preferences -- Log

Members :: NIC :: Dynamic DNS :: Add Host Tuesday, Jan 11, 2005

Dynamic DNS

[Add New Host](#)

Static DNS WebHop

New Dynamic DNS Host

Hostname: .
For your own domain (eg: yourname.com), [use MyDynDNS](#).

IP Address:

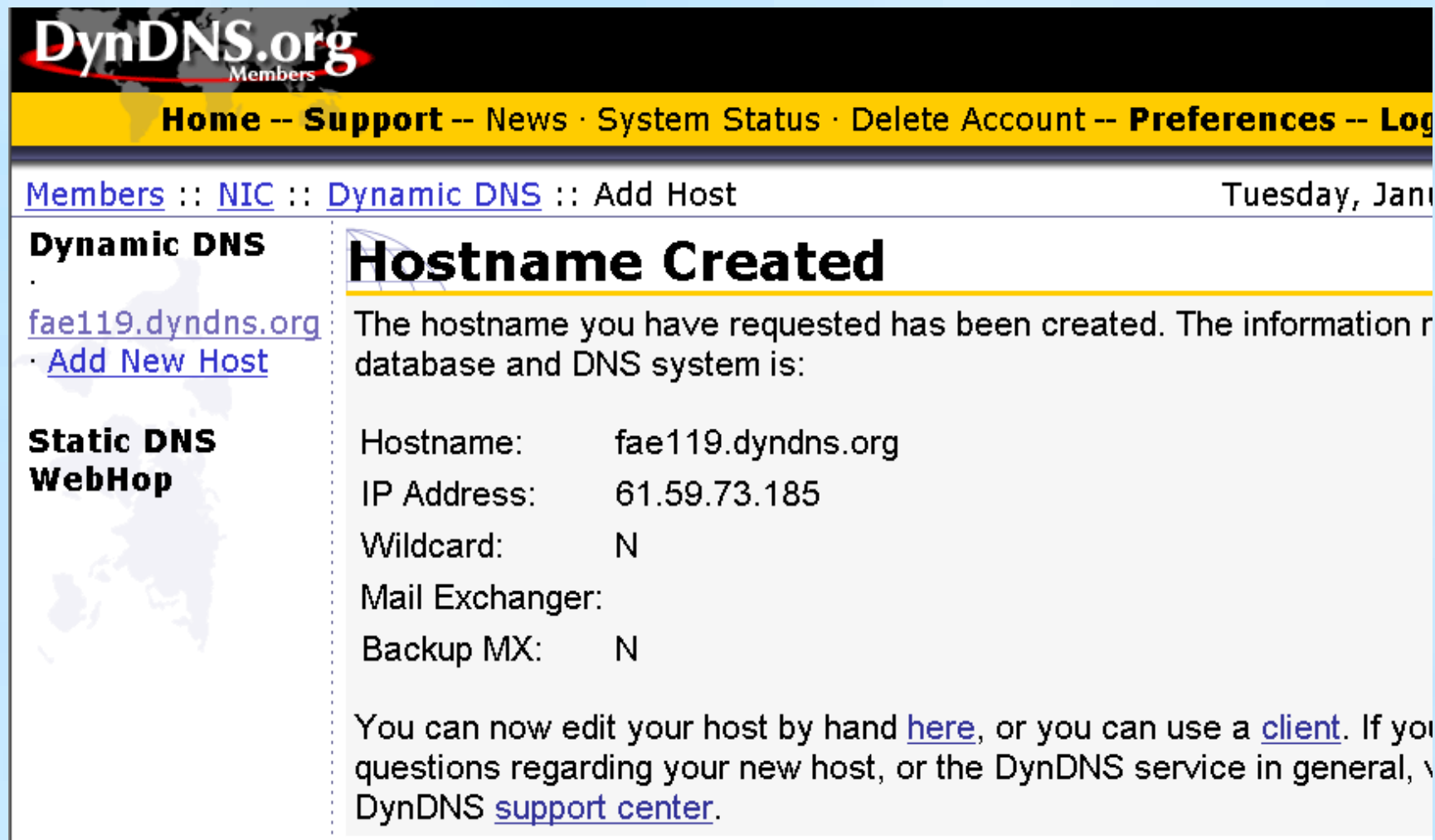
Enable Wildcard (optional):

Mail Exchanger (optional): Backup MX?

For more information on mail exchangers, consult the [E-Exchangers and DNS](#) white paper.

Sample for Apply Dyndns

New Host Name Created



The screenshot shows the DynDNS.org website interface. At the top, there is a navigation bar with links: Home -- Support -- News · System Status · Delete Account -- Preferences -- Log. Below this, a breadcrumb trail reads: Members :: NIC :: Dynamic DNS :: Add Host. The date and time are shown as Tuesday, Jan 11, 2005 10:05 AM. The main content area is titled "Hostname Created" and contains the following text: "The hostname you have requested has been created. The information in our database and DNS system is:" followed by a list of details: Hostname: fae119.dyndns.org, IP Address: 61.59.73.185, Wildcard: N, Mail Exchanger: (blank), and Backup MX: N. At the bottom, there is a paragraph: "You can now edit your host by hand [here](#), or you can use a [client](#). If you have any questions regarding your new host, or the DynDNS service in general, visit our [DynDNS support center](#)." On the left side, there are links for "Dynamic DNS" (with a sub-link for "fae119.dyndns.org" and "Add New Host") and "Static DNS WebHop".

DynDNS.org
Members

Home -- Support -- News · System Status · Delete Account -- Preferences -- Log

Members :: NIC :: Dynamic DNS :: Add Host Tuesday, Jan 11, 2005 10:05 AM

Dynamic DNS

[fae119.dyndns.org](#)
· [Add New Host](#)

Static DNS WebHop

Hostname Created

The hostname you have requested has been created. The information in our database and DNS system is:

Hostname: fae119.dyndns.org
IP Address: 61.59.73.185
Wildcard: N
Mail Exchanger:
Backup MX: N

You can now edit your host by hand [here](#), or you can use a [client](#). If you have any questions regarding your new host, or the DynDNS service in general, visit our [DynDNS support center](#).

Q & A