

FreeNAS - Bug #6511

Dynamic DNS Service configured for freedns.afraid.org tries to update dyndns instead

11/01/2014 01:51 PM - Ian Cartwright

Status:	Resolved	
Priority:	Nice to have	
Assignee:	Dru Lavigne	
Category:	Documentation	
Target version:	Master - FreeNAS Nightlies	
Seen in:	9.2.1.8-RELEASE	Needs Merging: Yes
Severity:	New	Needs Automation: No
Reason for Closing:		Support Suite Ticket: n/a
Reason for Blocked:		Hardware Configuration:
Needs QA:	Yes	ChangeLog Required: No
Needs Doc:	Yes	
Description		
Just what it says on the tin. If you configure the Dynamic DNS service for freedns.afraid.org it will try to update dyndns.com instead. Apparently this has been broken for a while but no one has officially opened a ticket to have it fixed. See this thread: https://forums.freenas.org/index.php?threads/freedns-afraid-ddns-help.18944/ .		

History

#1 - 11/01/2014 05:39 PM - Jordan Hubbard

- Category set to 20
- Assignee set to William Grzybowski
- Target version set to 9.3-M4

Hmm. Casual inspection of the code doesn't explain this to me...

#2 - 11/04/2014 09:14 AM - William Grzybowski

- Status changed from Unscreened to Closed: Behaves correctly
- Target version deleted (9.3-M4)

That is just how inadynt works.

You can specify a different IP server if you want.

#3 - 11/04/2014 11:06 AM - Ian Cartwright

Hi William,

I just want to make sure I understand the behavior of inadynt in FreeNAS. My understanding from the man page is that as long as the provider is specified, inadynt will use the default update server **for that provider**. I have confirmed this is true for some of the providers (easydns and Hurricane Electric). However, what I understand from you is that that even though there is a drop down list to choose the Dynamic DNS provider, that the provider's update server must still be specified? This doesn't seem to match the behavior for EasyDNS and Hurricane Electric. I think that there is a bug such that when freedns.afraid.org is chosen from the drop down, the appropriate command line option is not set which causes inadynt to fall back to its default behavior, which is to contact DynDNS.

#4 - 11/04/2014 11:08 AM - William Grzybowski

What makes you think so?

Check the field "IP Server".

#5 - 11/04/2014 12:15 PM - Ian Cartwright

My source of information is the man page for inadyn-mt and topdump on my FreeNAS server. According to the man page, it is sufficient to specify the Dynamic DNS provider. I confirmed this for EasyDNS and Hurricane Electric via topdump.

From the man page (<http://manned.org/inadyn-mt.8>):

--dyndns_system
An optional DNS service. For

<http://www.dyndns.org>

the acceptable services are one of dyndns@dyndns.org,
statdns@dyndns.org or custom@dyndns.org.

There is only one acceptable service for
<http://freedns.afraid.org>, which is default@freedns.afraid.org.

Other services are: default@zoneedit.com, default@no-ip.com,
default@easydns.com, dyndns@3322.org, default@sitelutions.com,
default@dnsomatic.com, ipv6tb@he.net, default@tzo.com,
default@dynsip.org, default@dhis.org, default@majimoto.net,
default@zerigo.com, custom@http_svr_basic_auth._ **The default
service is dyndns@dyndns.org, which is believed to be used by most
users, at least initially.**

--dyndns_server_name[:port]
The server that receives the update DNS requests. When no proxy is specified it is sufficient to set the dyndns_system so that the default servers will be taken. The option is useful for generic DynDNS services that support HTTP update.

TYPICAL USAGE

<http://www.dyndns.org>

```
inadyn-mt
-u username -p password -a my.registered.name
```

```
inadyn-mt
--username test --password test --update_period 60000 --alias
test.homeip.net --alias my.second.domain
```

```
inadyn-mt
--background u test p test update_period 60000 alias
inarcis.homeip.net alias my.second.domain log_file inadyn
mt.log
```

<http://freedns.afraid.org>

```
inadyn-mt
--dyndns_system default@freedns.afraid.org -a
my.registrated.name,hash_from_freedns
```

```
inadyn-mt
--update_period 60000 --alias test.homeip.net,hash_for_host1 -a
```

#6 - 11/04/2014 12:16 PM - Ian Cartwright

Ewww. Sorry about the formatting...

#7 - 11/04/2014 12:21 PM - William Grzybowski

That doesn't explain absolutely anything.

Do you see anything wrong at all in the generated config file?

#8 - 11/04/2014 12:38 PM - Ian Cartwright

I'm not looking at the config file at all. I'm using the FreeNAS GUI and not getting the expected results. Are you saying that the GUI generates the config file properly and that inadynt has a bug where it doesn't follow the config file when it comes to freedns.afraid.org?

#9 - 11/04/2014 12:39 PM - William Grzybowski

Yeah, or you're not understanding the meaning of IP Server which I have been screaming all along.

#10 - 11/04/2014 01:04 PM - Ian Cartwright

Enlighten me then... What does IP server mean? It doesn't appear in either the FreeNAS GUI or the inadynt man page.

#11 - 11/04/2014 01:36 PM - Ian Cartwright

Well, I figured it out. It looks like freedns.afraid.org is "special" and doesn't take the "standard" fields presented in the GUI. I can document this if desired. I definitely wouldn't say that this "Behaves correctly" using the FreeNAS GUI and documentation. Maybe removing freedns.afraid.org from the drop down list would be an alternative.

#12 - 12/24/2014 08:31 AM - Dru Lavigne

- Category changed from 20 to Documentation
- Status changed from Closed: Behaves correctly to Screened
- Assignee changed from William Grzybowski to Dru Lavigne

Ian, what is the status of this from a doc perspective?

#13 - 01/28/2015 05:19 AM - Dru Lavigne

- Status changed from Screened to Closed: Insufficient Info

No feedback yet on what to document...

#14 - 01/28/2015 07:17 AM - Ian Cartwright

- File Screen Shot 2015-01-28 at 10.15.53 AM.jpg added

Here's where I spelled out what I did to make it work:

<https://forums.freenas.org/index.php?threads/dynamic-dns-and-freedns-afraid-org.24455/#post-151746>

See attachment for it looks like in the GUI (note: not my actual hashes).

#15 - 01/28/2015 01:03 PM - Dru Lavigne

- Status changed from Closed: Insufficient Info to Screened

#16 - 02/05/2015 06:14 AM - Dru Lavigne

- *Status changed from Screened to Resolved*

Fixed in 6baaa07ca2701ecc2ebf236ebfa595f8f0d4f010.

#17 - 11/22/2017 11:56 AM - Dru Lavigne

- *Target version set to Master - FreeNAS Nightlies*

Files

Screen Shot 2015-01-28 at 10.15.53 AM.jpg	42.9 KB	01/28/2015	lan Cartwright
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