

NethServer 6 - Enhancement #2767

Customizable SMTP HELO value

06/11/2014 10:08 AM - Davide Principi

Status:	CLOSED	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	100%
Category:	nethserver-mail-common	NEEDINFO:	No
Target version:	v6.5		
Resolution:			
Description			
There are some cases where the server hostname does not fit the SMTP HELO value, e.g. hostname is not in public DNS.			
Add a HeloHost prop to override the Postfix default .			
[rif Nethesis 2014061110000101]			

Associated revisions

Revision 807ee755 - 08/28/2014 03:31 AM - Davide Principi

main.cf: Customizable SMTP HELO value. Refs #2767

Set to empty string to get Postfix default.

Revision 836d38e3 - 08/28/2014 12:49 PM - Davide Principi

Merge branch 'b2750'

Refs #2843 #2841 #2814 #2804 #2784 #2768 #2767 #2750 #2723

Revision 5aee2c5 - 08/28/2014 12:50 PM - Davide Principi

Merge branch 'b2750'

Refs #2843 #2841 #2814 #2804 #2784 #2768 #2767 #2750 #2723

Revision 2ea5d3e8 - 08/28/2014 12:51 PM - Davide Principi

Merge branch 'b2750'

Refs #2843 #2841 #2814 #2804 #2784 #2768 #2767 #2750 #2723

History

#1 - 06/11/2014 10:26 AM - Davide Principi

The commands below set up a custom-template based implementation:

```
# config setprop postfix HeloHost mail.cliente.it
```

```
# mkdir -p /etc/e-smith/templates-custom/etc/postfix/main.cf
# cat - > /etc/e-smith/templates-custom/etc/postfix/main.cf/90custom_helo <<EOF
#
# 90custom_helo (custom template)
# rif 2014061110000101 #2767
#
{ \${postfix{'HeloHost'} ? "" : "# " }smtp_helo_name = { \${postfix{'HeloHost'} }

EOF
# signal-event nethserver-mail-common-save
```

#2 - 06/11/2014 10:27 AM - Davide Principi

- Description updated

#3 - 08/25/2014 06:02 AM - Davide Principi

- Status changed from TRIAGED to ON_DEV

- Assignee set to Davide Principi

- % Done changed from 20 to 30

In branch b2750

#4 - 08/28/2014 04:17 AM - Davide Principi

Test case

Here we check the EHLO SMTP command sent by Postfix smtp client process when it talks to other mail servers.

- Create a transport to the test smtp server:

```
mkdir -p /etc/e-smith/templates-custom/etc/postfix/transport
echo "qa2727.tld smtp:[127.0.0.1]:11025" > /etc/e-smith/templates-custom/etc/postfix/transport/20QA2727
signal-event nethserver-mail-common-save
```

- Start smtp-sink SMTP server:

```
smtp-sink -q EHLO,HELO -v -u postfix 127.0.0.1:11025 3 &
```

- Send a message:

```
echo "helloworld" | mail -s test someaddress@qa2727.tld
```

You should see smtp-sink: output on your console:

```
smtp-sink: connect (AF_INET 127.0.0.1)
smtp-sink: vstream_tweak_tcp: TCP_MAXSEG 16384
smtp-sink: fd=5: stream buffer size old=0 new=32768
smtp-sink: smtp_stream_setup: maxtime=100 enable_deadline=0
smtp-sink: EHLO davidep2.vboxnet0.tld
smtp-sink: disconnect
```

The message is still on your queue (see mailq output). To send it again flush the queue typing:

```
postqueue -f
```

- Change HeloHost prop value, signal-event nethserver-mail-common-save
- Check EHLO line changes accordingly when message is sent, repeating the step above

#5 - 08/28/2014 04:17 AM - Davide Principi

- Status changed from ON_DEV to MODIFIED
- Assignee deleted (Davide Principi)
- % Done changed from 30 to 60

Test case

see previous comment

#6 - 08/28/2014 12:58 PM - Davide Principi

- Status changed from MODIFIED to ON_QA
- % Done changed from 60 to 70

In nethserver-testing:

```
nethserver-mail-common-1.3.3-1.19git5aeec2c.ns6.noarch.rpm
```

```
nethserver-mail-server-1.7.0-1.9git836d38e.ns6.noarch.rpm
```

```
nethserver-mail-filter-1.1.6-5.0git2ea5d3e8.ns6.noarch.rpm
```

#7 - 09/03/2014 06:24 AM - Giacomo Sanchiotti

- Assignee set to Giacomo Sanchiotti

#8 - 09/03/2014 06:29 AM - Giacomo Sanchiotti

- Status changed from ON_QA to VERIFIED
- Assignee deleted (Giacomo Sanchiotti)
- % Done changed from 70 to 90

Before setting custom HELO:

```
smtp-sink: connect (AF_INET 127.0.0.1)
smtp-sink: vstream_tweak_tcp: TCP_MAXSEG 16384
smtp-sink: fd=5: stream buffer size old=0 new=32768
smtp-sink: smtp_stream_setup: maxtime=100 enable_deadline=0
smtp-sink: EHLO testserver.mydomain.loc
smtp-sink: disconnect
```

Setting the new HELO and try again:

```
[root@testserver ~]# config setprop postfix HeloHost qa2727.tld
```

```
[root@testserver ~]# signal-event nethserver-mail-common-save
```

```
smtp-sink: connect (AF_INET 127.0.0.1)
smtp-sink: vstream_tweak_tcp: TCP_MAXSEG 16384
smtp-sink: fd=5: stream buffer size old=0 new=32768
smtp-sink: smtp_stream_setup: maxtime=100 enable_deadline=0
smtp-sink: EHLO qa2727.tld
smtp-sink: disconnect
```

Note: remember to update manual when releasing.

#9 - 10/07/2014 01:15 PM - Giacomo Sanchietti

- *Status changed from VERIFIED to CLOSED*

- *% Done changed from 90 to 100*

Released in nethserver-updates:

- nethserver-mail-server-1.8.0-1.ns6.noarch.rpm
- nethserver-mail-common-1.4.0-1.ns6.noarch.rpm
- nethserver-mail-filter-1.2.0-1.ns6.noarch.rpm

New documentation:

- http://docs.nethserver.org/projects/nethserver-devel/en/latest/mail_server.html
- http://docs.nethserver.org/projects/nethserver-devel/en/latest/mail_common.html
- http://docs.nethserver.org/projects/nethserver-devel/en/latest/mail_filter.html
- <http://docs.nethserver.org/en/latest/mail.html>