

Smart Proxy - Bug #853

If used with the proxy, the dhcpd server is open for connections from any server

04/18/2011 06:30 PM - Marcello de Sousa

Status: Closed	
Priority: Normal	
Assignee: Ohad Levy	
Category: DHCP	
Target version: 0.2	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description	
When using :	
<pre>omapi-port 7911;</pre>	
The dhcpd api server will listen to any host. You might need to add something like this to provide basic security:	
<pre>key omapi_key { algorithm HMAC-MD5; secret "XXXXXXXXXX"; }; omapi-key omapi_key;</pre>	
At first sight, it looks logic to me that the foreman's "subnet" settings should get an extra field "omapi_key". If that field is not empty, "foreman-proxy/lib/proxy/dhcp/server/isc.rb" should issue an extra command ("OMSHHELL key omapi_key XXXXXXXXXXXX") when connecting to the dhcpd server.	
Related issues:	
Related to Foreman - Bug #947: Foreman UI doesn't report omapi_key error prop...	New

Associated revisions

Revision bf8dfda6 - 05/03/2011 09:05 AM - Ohad Levy

fixes #853 - If used with the proxy, the dhcpd server is open for connections from any server

Revision 3e042b2c - 05/06/2011 02:21 PM - Ohad Levy

refs #853 - fixes typo

Revision 025b5ad0 - 05/06/2011 02:25 PM - Ohad Levy

partial fix - refs #853

History

#1 - 04/19/2011 03:05 AM - Ohad Levy

You are correct.

at the moment its best to protect it via iptables, as its not possible to define which interfaces to bind to (ideally lo).

I guess we should add both the secret key (as a configuration option on the proxy similar to dns setup), and potentially allow to use a remote isc server as well.

#2 - 05/03/2011 09:05 AM - Ohad Levy

- Status changed from New to Ready For Testing

- % Done changed from 0 to 100

Applied in changeset [bf8dfda678ec7e59053585c357a79df3b9d340cb](#).

#3 - 05/03/2011 12:18 PM - Marcello de Sousa

I don't think this code is working 100%.

I've changed it to:

```
def omcmd cmd, msg=nil
  if cmd == "connect"
    @om = IO.popen("/bin/sh -c '/usr/bin/omshell 2>&1'", "r+")
    if SETTINGS.dhcp_key_name and SETTINGS.dhcp_key_secret
      @om.puts "key #{SETTINGS.dhcp_key_name} \\"#{SETTINGS.dhcp_key_secret}\\""
    end
    @om.puts "server #{name}"
    @om.puts "connect"
    @om.puts "new host"
  end
  (...)
end
```

And a typo ("gsub" instead of "sub"):

```
logger.debug "omshell: executed - #{SETTINGS.dhcp_key_secret.nil? ? cmd : cmd.gsub(SETTINGS.dhcp_key_secret, "[filtered]")}"
```

then it seems to work.

There's one problem, if the key is incorrect (I forced an incorrect key) Foreman's interface is not reporting the error. In the proxy.log (in debug mode) I can see the error:

```
(...)
E, [2011-05-03T17:51:57.835019 #10819] ERROR -- : Omshell failed:
> > > obj: <null>
, > obj: host
, > obj: host
, hardware-address = 00:0c:29:38:71:62
, > can't open object: connection reset by peer
, obj: host
, hardware-address = 00:0c:29:38:71:62
, > can't destroy object: not connected
, obj: host
, hardware-address = 00:0c:29:38:71:62
, >
E, [2011-05-03T17:51:57.835393 #10819] ERROR -- : Failed to remove DHCP reservation for => 192.168.115.156 / 00:0c:29:38:71:62: No response from DHCP server
```

#4 - 05/26/2011 10:22 AM - Ohad Levy

- Status changed from Ready For Testing to Closed

- Assignee set to Ohad Levy

Marcello, I'm closing this ticket, if you want to follow up on the error, please create a new ticket.

it would be great if you could update the wiki with the new settings as well.