

RADIUS Authentication - Bug #383

Exception thrown: Name or service not known

07/26/2012 10:02 PM - Luke Murphey

Status:	Rejected	Start date:	07/26/2012
Priority:	Normal	Due date:	
Assignee:	Luke Murphey	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
On one installation the following error when attempting to test a user:			
Unexpected error "<class 'socket.gaierror'>" from python handler: "[Errno -2] Name or service not known"			
Below is the traceback:			
Traceback (most recent call last):			
File "/opt/splunk/lib/python2.7/site-packages/splunk/admin.py", line 64, in init			
hand.execute(info)			
File "/opt/splunk/lib/python2.7/site-packages/splunk/admin.py", line 447, in execute			
if self.requestedAction == ACTION_EDIT: self.handleEdit(confInfo)			
File "/opt/splunk/etc/apps/radius_auth/bin/radius_auth_rest_handler.py", line 84, in wrapper			
r = fx(self, *args)			
File "/opt/splunk/etc/apps/radius_auth/bin/radius_auth_rest_handler.py", line 291, in handleEdit			
cleaned_params = RadiusAuthRestHandler.checkConf(new_settings, name, confInfo)			
File "/opt/splunk/etc/apps/radius_auth/bin/radius_auth_rest_handler.py", line 338, in checkConf			
validator.validate(stanza, cleaned_params)			
File "/opt/splunk/etc/apps/radius_auth/bin/radius_auth_rest_handler.py", line 77, in validate			
values['test_password']):			
File "/opt/splunk/etc/apps/radius_auth/bin/radius_auth_rest_handler.py", line 56, in testSetting			
s			
return ra.authenticate(username, password, False)			
File "/opt/splunk/etc/apps/radius_auth/bin/radius_auth.py", line 461, in authenticate			
reply=srv.SendPacket(req)			
File "/opt/splunk/etc/apps/radius_auth/bin/pyrad/client.py", line 159, in SendPacket			
return self._SendPacket(pkt, self.authport)			
File "/opt/splunk/etc/apps/radius_auth/bin/pyrad/client.py", line 123, in _SendPacket			
self._socket.sendto(pkt.RequestPacket(), (self.server, port))			
gaierror: [Errno -2] Name or service not known			

History

#1 - 07/26/2012 10:15 PM - Luke Murphey

This is being thrown by the pyrad client when attempting to send the packet:

```
self._socket.sendto(pkt.RequestPacket(), (self.server, port))
```

_socket is an instance of socket (imported from socket). See <http://svn.python.org/projects/python/trunk/Lib/socket.py>.

The gaierror seems to be thrown for errors related to inability to resolve the host name:

- socket.gaierror: exception raised for getaddrinfo/getnameinfo errors, a subclass of socket.error

[Reference [socketmodule.c](#)]

I'm guessing this is due to an invalid host name (or some other reason that prevents the host name from being resolved).

#2 - 07/26/2012 10:18 PM - Luke Murphey

- Status changed from New to In Progress

#3 - 07/27/2012 05:57 AM - Luke Murphey

Here is a link to a description of the gaierror: <http://docs.python.org/library/socket.html#socket.gaierror>

#4 - 07/27/2012 03:50 PM - Luke Murphey

Issue was apparently due to an incorrect IP address being enter for the RADIUS server.

#5 - 07/27/2012 03:50 PM - Luke Murphey

- Status changed from In Progress to Rejected