Foreman - Bug #3896

OVirt console connection fails

12/17/2013 02:19 PM - Jimmi Dyson

Status:	Closed		
Priority:	Normal		
Assignee:	Jimmi Dyson		
Category:	Compute resources		
Target version:	1.4.0		
Difficulty:	easy	**Fixed in Releases:**	
Triaged:		**Found in Releases:**	
Bugzilla link:		**Red Hat JIRA:**	
Pull request:			

Description

Our RHEV manager is behind a firewall & so from Foreman server we opened up port 443 for mnagement through the API & 5900-6011 for console access.

Things didn't work, connection timed out. I narrowed it down to some code in app/models/compute_resources/foreman/model/ovirt.rb, lines 218ff:

def cacert
ca_url = URI.parse(url)
ca_url.path = "/ca.crt"
ca_url.scheme = "http"
ca_url.port = 8080 if ca_url.port 8443
ca_url.port = 80 if ca_url.port 443
Net::HTTP.get(ca_url).to_s
end

It's fetching the (normally) self-signed CA certificate over an unencrypted channel & later on using this to validate the SSL connection. This is in effect no different to connecting directly over SSL & disabling certificate verification, but it does mean that port 80 or 8080 needs to be opened up as well which there seems no need to do.

I see 2 options:

1. Connect over SSL to retrieve the CA certificate, but disable certificate verification.
2. Retrieve & store the CA certificate only when the compute resource is added & display a warning to user around connecting to insecure site.

I prefer 2, but this is more work to implement. I have already written the trivial patch for 1 & will submit a pull request for this soon.

Thanks,
Jimmi

Associated revisions

Revision 6a85948c - 12/31/2013 02:49 PM - Jimmi Dyson

fixes #3896 Retrieve OVirt CA certificate via same URL scheme as API URL by disabling SSL verification

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History

#1 - 12/17/2013 08:13 PM - Dominic Cleal

- Status changed from New to Ready For Testing

- Assignee set to Jimmi Dyson

- Target version set to 1.9.3

https://github.com/theforeman/foreman/pull/1097

#2 - 12/31/2013 03:31 PM - Anonymous

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [6a85948c0fea29e86ff3c290db08e80cbe6e0a52](#).

#3 - 01/02/2014 03:29 PM - Dominic Cleal

- translation missing: en.field_release set to 2