

Smart Proxy - Bug #17327

Unable to use multiple FreeIPA servers to enroll to REALM

11/14/2016 09:12 AM - Stephen Benjamin

<div>Status:New</div> <div>Priority:Normal</div> <div>Assignee:</div> <div>Category:Realm</div> <div>Target version:</div> <div>Difficulty:</div> <div>Triaged:</div> <div>Bugzilla link:1349487</div> <div>Pull request:</div>	<div>Fixed in Releases:</div> <div>Found in Releases:</div> <div>Red Hat JIRA:</div>
<div>Description</div> <div>Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=1349487</div> <div>Description of problem:</div> <div>We have an IDM solution with two IDM-servers.</div> <div>When we are provisioning we are using satellite -> capsule -> IDM. It works.</div> <div>The question is how to modify the provisioning so it works when one IDM server is down.</div> <div>This is the default config in the /etc/ipa/default.conf file on capsule, only the specified IDM server in this file will be used to enroll the client into the REALM:</div> <div>[global]</div> <div>verbose = 9</div> <div>basedn = dc=domain,dc=domain,dc=com</div> <div>realm = REALM</div> <div>domain = domain</div> <div>server = idmserver1.domain.com</div> <div>host = capsule.domain.com</div> <div>xmlrpc_uri = https://idmserver1.domain.com/ipa/xml</div> <div>enable_ra = True</div> <div>Version-Release number of selected component (if applicable):</div> <div>Satellite 6.1.9</div> <div>How reproducible:</div> <div>100%</div> <div>Steps to Reproduce:</div> <div>1. Setup 2 IDM server with full replication</div> <div>2. Configure capsule for REALM external authentication</div> <div>3. Provision with the specified IDM down from the /etc/ipa/default.conf on the capsule</div> <div>Actual results:</div> <div>Failed to create realm entry: ERF12-5287 [ProxyAPI::ProxyException]: Unable to create realm entry</div> <div>Expected results:</div> <div>To use the second IDM server for the enrollment into the REALM</div> <div>Additional info:</div>	

History

- #1 - 11/14/2016 09:12 AM - Stephen Benjamin
- Subject changed from Unable to use multiple IDM servers to enroll to REALM to Unable to use multiple FreeIPA servers to enroll to REALM
- #2 - 11/14/2016 09:18 AM - Dominic Cleal

- Category set to Realm

Should this be filed in the smart proxy if it's meant to fall back to a secondary URL? Or are you implying it should fall back to a different smart proxy?

#3 - 05/09/2017 01:53 PM - Stephen Benjamin

- Category changed from Realm to Smart Proxy

No, on the smart proxy side. Do you want this in the smart proxies category? Realm seemed more germane.

Anyway, the smart proxy should maybe try to use SRV DNS lookups to dynamically find the IPA server, as an option. The ipa.conf only gives one URL, and that freeipa server could be down.

#4 - 05/10/2017 02:49 AM - Dominic Cleal

- Project changed from Foreman to Smart Proxy

- Category changed from Smart Proxy to Realm