

Installer - Bug #27847

foreman-proxy-certs-generate uses a value for --foreman-proxy-cname to add a DNS record even if it is invalid

09/12/2019 04:50 PM - Ewoud Kohl van Wijngaarden

Status:	Closed	
Priority:	Normal	
Assignee:	Ewoud Kohl van Wijngaarden	
Category:	Foreman modules	
Target version:	1.24.0	
Difficulty:		Fixed in Releases: 1.24.0
Triaged:	Yes	Found in Releases:
Bugzilla link:	1747581	Red Hat JIRA:
Pull request:	https://github.com/theforeman/puppet-certs/pull/256 , https://github.com/theforeman/puppet-certs/pull/259 , https://github.com/theforeman/foreman-installer/pull/397 , https://github.com/theforeman/puppet-certs/pull/260	

Description

foreman-proxy-certs-generate uses the value for --foreman-proxy-cname to add a DNS record in the SAN field regardless of that setting making sense or not. E.g. DNS:[] and DNS: <= empty string.

This is what foreman-proxy-certs-generate is generating for qpid-router-server.crt: (used by capsules' qdrouterd on port 5647 to listen to clients' goferds)

```
X509v3 Subject Alternative Name:
      DNS:mycapsule.example.com, DNS:[]
```

The DNS:[] comes from the default value for --foreman-proxy-cname:

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```
[root@sat65a ~]# foreman-proxy-certs-generate --help
```

```
(...snip...)
```

```
= Module foreman_proxy_certs:
```

```
--certs-tar          Path to tar file with certs to generate (current: UNDEF)
```

```
--foreman-proxy-cname  additional names of the foreman proxy (current: [""]) <===== here
```

```
--foreman-proxy-fqdn   FQDN of the foreman proxy (current: "sat65a.usersys.redhat.com")
```

Turns out, if you use `--foreman-proxy-cname ""` with `foreman-proxy-certs-generate` it will still generate certs with DNS:<fqdn>, DNS: <==== second DNS entry empty.

The problem is that puppet-strings parses the default as the string "[]" rather than an empty array [].

#### Associated revisions

##### Revision 3beda1df - 09/16/2019 03:28 PM - Ewoud Kohl van Wijngaarden

Fixes #27847 - Refactor foreman\_proxy\_content class

- Move \$parent\_fqdn to Advanced Parameters since users generally don't touch this
- Implement stricter data types
- Use modern facts
- Work around a kafo\_parsers/puppet-strings limitation by using class inheritance

##### Revision 425987e2 - 09/23/2019 04:02 PM - Ewoud Kohl van Wijngaarden

Refs #27847 - Set parameter mapping

In puppet-certs master the default values are loaded via params.pp to workaround kafo limitations. This configures kafo to actually find it. Otherwise it can't load the defaults and the values are nil.

#### Revision 265404ac - 09/23/2019 06:32 PM - Ewoud Kohl van Wijngaarden

Refs #27847 - Load CNAME default from params

3beda1df35481210b581f9beeb63d1dcafd2aca0 intended to load the variable from params and even added it to params.pp, but missed using that variable.

#### Revision f913ba18 - 09/24/2019 12:58 PM - Ewoud Kohl van Wijngaarden

Refs #27847 - Use legacy facts

In foreman-installer we test the command inside bundler. There is only a factor 2 gem which doesn't have the modern facts. That means \$facts['networking'] is undef and breaks, even though this won't be a problem in production. In many places we still use legacy facts so this reverts back to legacy facts.

## History

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### #1 - 09/12/2019 05:04 PM - The Foreman Bot

- Status changed from New to Ready For Testing
- Pull request <https://github.com/foreman/puppet-certs/pull/256> added

### #2 - 09/16/2019 03:28 PM - The Foreman Bot

- Fixed in Releases 1.24.0 added

### #3 - 09/16/2019 04:01 PM - Ewoud Kohl van Wijngaarden

- Status changed from Ready For Testing to Closed

Applied in changeset [puppet-certs|3beda1df35481210b581f9beeb63d1dcafd2aca0](https://github.com/foreman/puppet-certs/pull/256).

### #4 - 09/17/2019 03:59 PM - The Foreman Bot

- Pull request <https://github.com/foreman/foreman-packaging/pull/4115> added

### #5 - 09/17/2019 04:05 PM - Ewoud Kohl van Wijngaarden

- Pull request deleted (<https://github.com/foreman/foreman-packaging/pull/4115>)

### #6 - 09/17/2019 04:05 PM - Ewoud Kohl van Wijngaarden

- Category set to Foreman modules
- Assignee changed from Eric Helms to Ewoud Kohl van Wijngaarden
- Target version set to 1.24.0
- Triaged changed from No to Yes

### #7 - 09/23/2019 04:06 PM - The Foreman Bot

- Pull request <https://github.com/foreman/puppet-certs/pull/259> added

### #8 - 09/23/2019 04:07 PM - The Foreman Bot

- Pull request <https://github.com/foreman/foreman-installer/pull/397> added

### #9 - 09/24/2019 12:43 PM - The Foreman Bot

- Pull request <https://github.com/foreman/puppet-certs/pull/260> added