

## DCSO - Necessary Maintenance #11374

### release cmssrv158 (old SL5 PhEEX dev server)

01/08/2016 02:33 PM - Natalia Ratnikova

<b>Status:</b>	Resolved	<b>Start date:</b>	01/08/2016
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Natalia Ratnikova	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Spent time:</b>	1.00 hour
<b>Scope:</b>	Internal	<b>Stakeholders:</b>	
<b>Experiment:</b>	-		
<b>Description</b>			
Development has been moved to cmsdev33 long ago. The node can be released to the pool of free servers.			

### History

#### #1 - 01/08/2016 02:35 PM - Natalia Ratnikova

Node is installed as SL 5 , and already configured as SL6 in cobbler:

```
[root@cmssrv201 ~]# cobbler-wrapper report cmssrv158
```

```
cmssrv158
Hostname      cmssrv158.fnal.gov
Profile       slf6-x86_64
Gateway       131.225.207.200
Interface     eth1 (static)
IP            131.225.204.165
MAC           78:2B:CB:3F:90:F2
Gateway       131.225.207.200
Netmask       255.255.252.0
MTU
Meta          disk=default
Comment
Status        development
Netboot Enabled? False
```

```
[root@cmssrv158 ~]# cat /etc/redhat-release
Scientific Linux SL release 5.4 (Boron)
```

#### #2 - 01/08/2016 02:41 PM - Natalia Ratnikova

```
[root@cmsadmin1 ~]# cms-shoot cmssrv158
removing host from rocks on cmsrocks51, if necessary
cmsstor24.fnal.gov: no host cmssrv158 to remove
Connection to cmsrocks51 closed.
removing host from rocks on cmsrocks52, if necessary
cmssrv26.fnal.gov: no host cmssrv158 to remove
Connection to cmsrocks52 closed.
stopping puppet on cmssrv158, if applicable
bash: puppet: command not found
telling host to netboot on next boot
cmssrv158: netboot -> True
set 1 hosts to boot
1 system(s) updated
telling cmspuppetca to remove host's cert, if present
telling cmspuppetca to update autosign information
when you're ready to start, run:
cmspower-powerit --action cycle --comment 'reinstalling' cmssrv158
don't forget to disable zabbix monitoring if applicable
```

```
[root@cmsconsole ~]# cmspower-cons cmssrv158
```

```
Connecting to node cmssrv158: ssh -x -t root:tyS11@fcc-2-1572
```

```
[root@cmsconsole ~]# cmspower-powerit --action cycle --comment 'reinstalling cmssrv158 as SL6. NR' cmssrv158 === cmssrv158 ===
```

```
connecting to APC APCCMS1572-1, outlet 3
```

```
Outlet state: OFF
```

```
connecting to APC APCCMS1572-1, outlet 3
```

Outlet state: ON  
[root@cmsconsole ~]#

### #3 - 01/08/2016 03:14 PM - Natalia Ratnikova

Node does not start properly after reinstall (clock skewed?).  
Rebooting again. Now can login from the console. But puppet is not running.

Added node to the ENC:

```
$ cat hosts/cmssrv158.fnal.gov.yaml
classes:
role::unconfigured:
parameters:
checkmk_extra:
- unmonitored
```

And rebooted again from the command line.  
Started puppet as it was not running. This made it worse:

```
[root@cmsadmin1 ~]# ssh cmssrv158
ssh: connect to host cmssrv158 port 22: No route to host
```

```
[root@cmsadmin1 ~]# ping cmssrv158
PING cmssrv158.fnal.gov (131.225.204.165) 56(84) bytes of data.
From cmssrv158.fnal.gov (131.225.204.165) icmp_seq=1 Destination Host Prohibited
From cmssrv158.fnal.gov (131.225.204.165) icmp_seq=2 Destination Host Prohibited
From cmssrv158.fnal.gov (131.225.204.165) icmp_seq=3 Destination Host Prohibited
```

Nothing alarming in the system log.

Rerun puppet manually a few times until it ends up with repeating errors, listed below.

Asked Lisa, if someone in DCSO can take over.

Here are puppet errors:

```
[root@cmssrv158 ~]# puppet agent -t
Info: Retrieving pluginfacts
Info: Retrieving plugin
Info: Loading facts in /var/lib/puppet/lib/facter/root_home.rb
Info: Loading facts in /var/lib/puppet/lib/facter/iptables_version.rb
Info: Loading facts in /var/lib/puppet/lib/facter/rsyslog_version.rb
Info: Loading facts in /var/lib/puppet/lib/facter/certificate_facts.rb
Info: Loading facts in /var/lib/puppet/lib/facter/afs_cache_size.rb
Info: Loading facts in /var/lib/puppet/lib/facter/facter_dot_d.rb
Info: Loading facts in /var/lib/puppet/lib/facter/code_server.rb
Info: Loading facts in /var/lib/puppet/lib/facter/concat_basedir.rb
Info: Loading facts in /var/lib/puppet/lib/facter/os_maj_version.rb
Info: Loading facts in /var/lib/puppet/lib/facter/condorceversion.rb
Info: Loading facts in /var/lib/puppet/lib/facter/pe_version.rb
Info: Loading facts in /var/lib/puppet/lib/facter/postgres_default_version.rb
Info: Loading facts in /var/lib/puppet/lib/facter/iptables_persistent_version.rb
Info: Loading facts in /var/lib/puppet/lib/facter/cvmfsspartsize.rb
Info: Loading facts in /var/lib/puppet/lib/facter/cvmfsversion.rb
Info: Loading facts in /var/lib/puppet/lib/facter/puppet_var_dir.rb
Info: Loading facts in /var/lib/puppet/lib/facter/ip6tables_version.rb
Info: Caching catalog for cmssrv158.fnal.gov
Info: Applying configuration version '1452289101'
Error: /Stage[main]/P_krb5::Keytab/P_secret::File[/etc/krb5.keytab]/File[/etc/krb5.keytab]: Could not evaluate
: Could not retrieve information from environment production source(s) puppet:///secrets/master/cmssrv158.fnal
.gov/krb5.keytab
Notice: /Stage[main]/P_postfix/File[/etc/postfix/main.cf]/content:
--- /etc/postfix/main.cf      2014-02-20 05:07:18.000000000 -0600
+++ /tmp/puppet-file20160108-10527-179dk4c-0    2016-01-08 15:40:54.737734503 -0600
@@ -1,676 +1,24 @@
-# Global Postfix configuration file. This file lists only a subset
-# of all parameters. For the syntax, and for a complete parameter
-# list, see the postconf(5) manual page (command: "man 5 postconf").
+# /etc/default/main.cf -- Server postfix configuration file.
#
-# For common configuration examples, see BASIC_CONFIGURATION_README

[... lots of postfix output ... ]
```

```
Error: Could not back up /etc/postfix/main.cf: Got passed new contents for sum {md5}49b648101b0e361231a977aa89e0dd60
Error: Could not back up /etc/postfix/main.cf: Got passed new contents for sum {md5}49b648101b0e361231a977aa89e0dd60
Error: /Stage[main]/P_postfix/File[/etc/postfix/main.cf]/content: change from {md5}49b648101b0e361231a977aa89e0dd60 to {md5}293a300026b12419b1f4cd52692ee7e6 failed: Could not back up /etc/postfix/main.cf: Got passed new contents for sum {md5}49b648101b0e361231a977aa89e0dd60
Notice: /Stage[main]/P_postfix/Exec[postmap recipients]: Dependency File[/etc/postfix/main.cf] has failures: true
Warning: /Stage[main]/P_postfix/Exec[postmap recipients]: Skipping because of failed dependencies
Notice: /Stage[main]/P_postfix/File[/etc/postfix/master.cf]: Dependency File[/etc/postfix/main.cf] has failures: true
Warning: /Stage[main]/P_postfix/File[/etc/postfix/master.cf]: Skipping because of failed dependencies
Notice: /Stage[main]/P_postfix/Service[postfix]: Dependency File[/etc/postfix/main.cf] has failures: true
Warning: /Stage[main]/P_postfix/Service[postfix]: Skipping because of failed dependencies
Notice: /Stage[main]/P_postfix/Exec[postfix reload]: Dependency File[/etc/postfix/main.cf] has failures: true
Warning: /Stage[main]/P_postfix/Exec[postfix reload]: Skipping because of failed dependencies
Notice: /Stage[main]/P_postfix/P_postfix::Map[/etc/postfix/transport]/Exec[postmap hash:/etc/postfix/transport]: Dependency File[/etc/postfix/main.cf] has failures: true
Warning: /Stage[main]/P_postfix/P_postfix::Map[/etc/postfix/transport]/Exec[postmap hash:/etc/postfix/transport]: Skipping because of failed dependencies
Notice: /Stage[main]/P_postfix/Exec[postmap senders]: Dependency File[/etc/postfix/main.cf] has failures: true
Warning: /Stage[main]/P_postfix/Exec[postmap senders]: Skipping because of failed dependencies
Notice: Finished catalog run in 14.90 seconds
```

**#4 - 01/14/2016 10:50 AM - Natalia Ratnikova**

*- Status changed from Assigned to Resolved*

Krista generated new keytab and finished reinstall.