

General Maintenance for CSI On-Prem (RHEL)

Tony Peacock

14/05/2018

Contents

- Free Up Disk Space.....3
- Services6
- Check Current Version.....8



Free Up Disk Space

One of the primary concerns for the server is Disk Space. This can be checked by running the following command as root. 'df -h', and will generate the output listed below;

```
Last login: Mon Apr 30 14:32:41 2018
[root@csi-7 ~]# df -h
Filesystem      Size  Used Avail Use% Mounted on
/dev/mapper/rhel-root    50G  2.7G   48G   6% /
devtmpfs        1.9G   0  1.9G   0% /dev
tmpfs           1.9G   0  1.9G   0% /dev/shm
tmpfs           1.9G  8.4M  1.9G   1% /run
tmpfs           1.9G   0  1.9G   0% /sys/fs/cgroup
/dev/sda1       1014M  230M  785M  23% /boot
/dev/mapper/rhel-home    73G   33M   73G   1% /home
tmpfs           379M   0  379M   0% /run/user/0
[root@csi-7 ~]#
```

There are 3 main areas to watch here. "Root" or '/', '/boot' & '/home'. If any of these fill up, it can cause problems for the server. One of the reasons for this can be due to historical backups, as CSI does not cycle (delete) these. To check this, you should go to one of the following locations;

/usr/local/Secunia/csi/backup for rpm based servers – see example below
/var/spool/csi/backup for Ubuntu Virtual Appliances.

```
[root@csi-7 backup]# ls
ca_backup_01-01-18.sql.gz  ca_backup_15-03-18.sql.gz  ca_backup_01-04-18.sql.gz  ca_backup_16-02-18.sql.gz
ca_backup_01-03-18.sql.gz  ca_backup_15-04-18.sql.gz  ca_backup_01-05-18.sql.gz  ca_backup_16-03-18.sql.gz
ca_backup_01-04-18.sql.gz  ca_backup_16-02-18.sql.gz  ca_backup_02-02-18.sql.gz  ca_backup_16-04-18.sql.gz
ca_backup_01-05-18.sql.gz  ca_backup_16-03-18.sql.gz  ca_backup_02-03-18.sql.gz  ca_backup_17-02-18.sql.gz
ca_backup_02-02-18.sql.gz  ca_backup_16-04-18.sql.gz  ca_backup_02-04-18.sql.gz  ca_backup_17-03-18.sql.gz
ca_backup_02-03-18.sql.gz  ca_backup_17-02-18.sql.gz  ca_backup_03-02-18.sql.gz  ca_backup_17-04-18.sql.gz
ca_backup_02-04-18.sql.gz  ca_backup_17-03-18.sql.gz  ca_backup_03-03-18.sql.gz  ca_backup_18-01-18.sql.gz
ca_backup_03-02-18.sql.gz  ca_backup_17-04-18.sql.gz  ca_backup_03-04-18.sql.gz  ca_backup_18-02-18.sql.gz
ca_backup_03-03-18.sql.gz  ca_backup_18-01-18.sql.gz  ca_backup_04-02-18.sql.gz  ca_backup_18-03-18.sql.gz
ca_backup_03-04-18.sql.gz  ca_backup_18-02-18.sql.gz  ca_backup_04-03-18.sql.gz  ca_backup_18-04-18.sql.gz
ca_backup_04-02-18.sql.gz  ca_backup_18-03-18.sql.gz  ca_backup_04-04-18.sql.gz  ca_backup_19-02-18.sql.gz
ca_backup_04-03-18.sql.gz  ca_backup_18-04-18.sql.gz  ca_backup_05-02-18.sql.gz  ca_backup_19-03-18.sql.gz
ca_backup_04-04-18.sql.gz  ca_backup_19-02-18.sql.gz  ca_backup_05-03-18.sql.gz  ca_backup_19-04-18.sql.gz
ca_backup_05-02-18.sql.gz  ca_backup_19-03-18.sql.gz  ca_backup_05-04-18.sql.gz  ca_backup_20-02-18.sql.gz
ca_backup_05-03-18.sql.gz  ca_backup_19-04-18.sql.gz  ca_backup_06-02-18.sql.gz  ca_backup_20-03-18.sql.gz
ca_backup_05-04-18.sql.gz  ca_backup_20-02-18.sql.gz  ca_backup_06-03-18.sql.gz  ca_backup_20-04-18.sql.gz
ca_backup_06-02-18.sql.gz  ca_backup_20-03-18.sql.gz  ca_backup_06-04-18.sql.gz  ca_backup_21-02-18.sql.gz
ca_backup_06-03-18.sql.gz  ca_backup_20-04-18.sql.gz  ca_backup_07-02-18.sql.gz  ca_backup_21-03-18.sql.gz
ca_backup_06-04-18.sql.gz  ca_backup_21-02-18.sql.gz  ca_backup_07-03-18.sql.gz  ca_backup_22-02-18.sql.gz
ca_backup_07-02-18.sql.gz  ca_backup_21-03-18.sql.gz  ca_backup_07-04-18.sql.gz  ca_backup_22-03-18.sql.gz
ca_backup_07-03-18.sql.gz  ca_backup_22-02-18.sql.gz  ca_backup_08-02-18.sql.gz  ca_backup_23-01-18.sql.gz
ca_backup_07-04-18.sql.gz  ca_backup_22-03-18.sql.gz  ca_backup_08-03-18.sql.gz  ca_backup_23-02-18.sql.gz
ca_backup_08-02-18.sql.gz  ca_backup_23-01-18.sql.gz  ca_backup_08-04-18.sql.gz  ca_backup_23-03-18.sql.gz
ca_backup_08-03-18.sql.gz  ca_backup_23-02-18.sql.gz  ca_backup_09-01-18.sql.gz  ca_backup_24-01-18.sql.gz
ca_backup_08-04-18.sql.gz  ca_backup_23-03-18.sql.gz  ca_backup_09-02-18.sql.gz  ca_backup_24-02-18.sql.gz
ca_backup_09-01-18.sql.gz  ca_backup_24-01-18.sql.gz  ca_backup_09-03-18.sql.gz  ca_backup_24-03-18.sql.gz
ca_backup_09-02-18.sql.gz  ca_backup_24-02-18.sql.gz  ca_backup_09-04-18.sql.gz  ca_backup_25-01-18.sql.gz
ca_backup_09-03-18.sql.gz  ca_backup_24-03-18.sql.gz  ca_backup_10-01-18.sql.gz  ca_backup_25-02-18.sql.gz
ca_backup_09-04-18.sql.gz  ca_backup_25-01-18.sql.gz  ca_backup_10-02-18.sql.gz  ca_backup_25-03-18.sql.gz
ca_backup_10-01-18.sql.gz  ca_backup_25-02-18.sql.gz  ca_backup_10-03-18.sql.gz  ca_backup_26-01-18.sql.gz
ca_backup_10-02-18.sql.gz  ca_backup_25-03-18.sql.gz  ca_backup_10-04-18.sql.gz  ca_backup_26-02-18.sql.gz
ca_backup_10-03-18.sql.gz  ca_backup_26-01-18.sql.gz  ca_backup_11-01-18.sql.gz  ca_backup_26-03-18.sql.gz
ca_backup_10-04-18.sql.gz  ca_backup_26-02-18.sql.gz  ca_backup_11-02-18.sql.gz  ca_backup_27-01-18.sql.gz
ca_backup_11-01-18.sql.gz  ca_backup_26-03-18.sql.gz  ca_backup_11-03-18.sql.gz  ca_backup_27-02-18.sql.gz
ca_backup_11-02-18.sql.gz  ca_backup_27-01-18.sql.gz  ca_backup_11-04-18.sql.gz  ca_backup_27-03-18.sql.gz
ca_backup_11-03-18.sql.gz  ca_backup_27-02-18.sql.gz  ca_backup_12-01-18.sql.gz  ca_backup_28-01-18.sql.gz
ca_backup_11-04-18.sql.gz  ca_backup_27-03-18.sql.gz  ca_backup_12-02-18.sql.gz  ca_backup_28-02-18.sql.gz
ca_backup_12-01-18.sql.gz  ca_backup_28-01-18.sql.gz  ca_backup_12-03-18.sql.gz  ca_backup_28-03-18.sql.gz
ca_backup_12-02-18.sql.gz  ca_backup_28-02-18.sql.gz  ca_backup_12-04-18.sql.gz  ca_backup_28-04-18.sql.gz
ca_backup_12-03-18.sql.gz  ca_backup_28-03-18.sql.gz  ca_backup_13-02-18.sql.gz  ca_backup_29-03-18.sql.gz
ca_backup_12-04-18.sql.gz  ca_backup_29-01-18.sql.gz  ca_backup_13-03-18.sql.gz  ca_backup_30-01-18.sql.gz
ca_backup_13-02-18.sql.gz  ca_backup_29-03-18.sql.gz  ca_backup_13-04-18.sql.gz  ca_backup_30-03-18.sql.gz
ca_backup_13-03-18.sql.gz  ca_backup_30-01-18.sql.gz  ca_backup_14-02-18.sql.gz  ca_backup_31-01-18.sql.gz
ca_backup_13-04-18.sql.gz  ca_backup_30-03-18.sql.gz  ca_backup_14-03-18.sql.gz  ca_backup_31-03-18.sql.gz
ca_backup_14-02-18.sql.gz  ca_backup_31-01-18.sql.gz  ca_backup_14-04-18.sql.gz  complete-CSI-s-db-2018-02-06.sql
ca_backup_14-03-18.sql.gz  ca_backup_31-03-18.sql.gz  ca_backup_15-02-18.sql.gz  complete-CSI-s-db-2018-03-01.sql
ca_backup_14-04-18.sql.gz  ca_backup_01-02-18.sql.gz  ca_backup_15-03-18.sql.gz
ca_backup_15-02-18.sql.gz  ca_backup_01-03-18.sql.gz  ca_backup_15-04-18.sql.gz
[root@csi-7 backup]#
```

As you can see from the previous example, there are a number of stored backups on this machine. The command 'ls -l' will show the list in more detail and allow you to see the size of the files.

Once you have established that there is a need to delete backups, the safest way is to move them first.

```
[root@csi-7 backup]# mkdir Remove
[root@csi-7 backup]# cd Remove/
[root@csi-7 Remove]# mv ../ca_*02-18.sql.gz .
[root@csi-7 Remove]# ls
ca_backup_01-02-18.sql.gz ca_backup_15-02-18.sql.gz ca_backup_01-02-18.sql.gz ca_backup_15-02-18.sql.gz
ca_backup_02-02-18.sql.gz ca_backup_16-02-18.sql.gz ca_backup_02-02-18.sql.gz ca_backup_16-02-18.sql.gz
ca_backup_03-02-18.sql.gz ca_backup_17-02-18.sql.gz ca_backup_03-02-18.sql.gz ca_backup_17-02-18.sql.gz
ca_backup_04-02-18.sql.gz ca_backup_18-02-18.sql.gz ca_backup_04-02-18.sql.gz ca_backup_18-02-18.sql.gz
ca_backup_05-02-18.sql.gz ca_backup_19-02-18.sql.gz ca_backup_05-02-18.sql.gz ca_backup_19-02-18.sql.gz
ca_backup_06-02-18.sql.gz ca_backup_20-02-18.sql.gz ca_backup_06-02-18.sql.gz ca_backup_20-02-18.sql.gz
ca_backup_07-02-18.sql.gz ca_backup_21-02-18.sql.gz ca_backup_07-02-18.sql.gz ca_backup_21-02-18.sql.gz
ca_backup_08-02-18.sql.gz ca_backup_22-02-18.sql.gz ca_backup_08-02-18.sql.gz ca_backup_22-02-18.sql.gz
ca_backup_09-02-18.sql.gz ca_backup_23-02-18.sql.gz ca_backup_09-02-18.sql.gz ca_backup_23-02-18.sql.gz
ca_backup_10-02-18.sql.gz ca_backup_24-02-18.sql.gz ca_backup_10-02-18.sql.gz ca_backup_24-02-18.sql.gz
ca_backup_11-02-18.sql.gz ca_backup_25-02-18.sql.gz ca_backup_11-02-18.sql.gz ca_backup_25-02-18.sql.gz
ca_backup_12-02-18.sql.gz ca_backup_26-02-18.sql.gz ca_backup_12-02-18.sql.gz ca_backup_26-02-18.sql.gz
ca_backup_13-02-18.sql.gz ca_backup_27-02-18.sql.gz ca_backup_13-02-18.sql.gz ca_backup_27-02-18.sql.gz
ca_backup_14-02-18.sql.gz ca_backup_28-02-18.sql.gz ca_backup_14-02-18.sql.gz ca_backup_28-02-18.sql.gz
[root@csi-7 Remove]#
```

In the example above we create a directory, change to that directory, move all of February's backups and display them;

1. mkdir Remove – Make Directory
2. cd Remove/ - Change Current Directory to Remove
3. mv ../ca_*02-18.sql.gz . – Move files (mv) from the directory above (../) where the name begins with ca_, contains 02-18 and ends in .sql.gz (ca_*02-18.sql.gz) to the current directory (.)
4. ls – List files now in current directory

The same command will move March's files. Simply change 02 – 03, (mv ../ca_*03-18.sql.gz .).

The example below shows all the files to be removed once we have processed Jan – Mar.

```
[root@csi-7 Remove]# mv ../ca_*03-18.sql.gz .
[root@csi-7 Remove]# ls
ca_backup_01-02-18.sql.gz  ca_backup_16-02-18.sql.gz  ca_backup_01-03-18.sql.gz  ca_backup_16-03-18.sql.gz
ca_backup_01-03-18.sql.gz  ca_backup_16-03-18.sql.gz  ca_backup_02-02-18.sql.gz  ca_backup_17-02-18.sql.gz
ca_backup_02-02-18.sql.gz  ca_backup_17-02-18.sql.gz  ca_backup_02-03-18.sql.gz  ca_backup_17-03-18.sql.gz
ca_backup_02-03-18.sql.gz  ca_backup_17-03-18.sql.gz  ca_backup_03-02-18.sql.gz  ca_backup_18-02-18.sql.gz
ca_backup_03-02-18.sql.gz  ca_backup_18-02-18.sql.gz  ca_backup_03-03-18.sql.gz  ca_backup_18-03-18.sql.gz
ca_backup_03-03-18.sql.gz  ca_backup_18-03-18.sql.gz  ca_backup_04-02-18.sql.gz  ca_backup_19-02-18.sql.gz
ca_backup_04-02-18.sql.gz  ca_backup_19-02-18.sql.gz  ca_backup_04-03-18.sql.gz  ca_backup_19-03-18.sql.gz
ca_backup_04-03-18.sql.gz  ca_backup_19-03-18.sql.gz  ca_backup_05-02-18.sql.gz  ca_backup_20-02-18.sql.gz
ca_backup_05-02-18.sql.gz  ca_backup_20-02-18.sql.gz  ca_backup_05-03-18.sql.gz  ca_backup_20-03-18.sql.gz
ca_backup_05-03-18.sql.gz  ca_backup_20-03-18.sql.gz  ca_backup_06-02-18.sql.gz  ca_backup_21-02-18.sql.gz
ca_backup_06-02-18.sql.gz  ca_backup_21-02-18.sql.gz  ca_backup_06-03-18.sql.gz  ca_backup_21-03-18.sql.gz
ca_backup_06-03-18.sql.gz  ca_backup_21-03-18.sql.gz  ca_backup_07-02-18.sql.gz  ca_backup_22-02-18.sql.gz
ca_backup_07-02-18.sql.gz  ca_backup_22-02-18.sql.gz  ca_backup_07-03-18.sql.gz  ca_backup_22-03-18.sql.gz
ca_backup_07-03-18.sql.gz  ca_backup_22-03-18.sql.gz  ca_backup_08-02-18.sql.gz  ca_backup_23-02-18.sql.gz
ca_backup_08-02-18.sql.gz  ca_backup_23-02-18.sql.gz  ca_backup_08-03-18.sql.gz  ca_backup_23-03-18.sql.gz
ca_backup_08-03-18.sql.gz  ca_backup_23-03-18.sql.gz  ca_backup_09-02-18.sql.gz  ca_backup_24-02-18.sql.gz
ca_backup_09-02-18.sql.gz  ca_backup_24-02-18.sql.gz  ca_backup_09-03-18.sql.gz  ca_backup_24-03-18.sql.gz
ca_backup_09-03-18.sql.gz  ca_backup_24-03-18.sql.gz  ca_backup_10-02-18.sql.gz  ca_backup_25-02-18.sql.gz
ca_backup_10-02-18.sql.gz  ca_backup_25-02-18.sql.gz  ca_backup_10-03-18.sql.gz  ca_backup_25-03-18.sql.gz
ca_backup_10-03-18.sql.gz  ca_backup_25-03-18.sql.gz  ca_backup_11-02-18.sql.gz  ca_backup_26-02-18.sql.gz
ca_backup_11-02-18.sql.gz  ca_backup_26-02-18.sql.gz  ca_backup_11-03-18.sql.gz  ca_backup_26-03-18.sql.gz
ca_backup_11-03-18.sql.gz  ca_backup_26-03-18.sql.gz  ca_backup_12-02-18.sql.gz  ca_backup_27-02-18.sql.gz
ca_backup_12-02-18.sql.gz  ca_backup_27-02-18.sql.gz  ca_backup_12-03-18.sql.gz  ca_backup_27-03-18.sql.gz
ca_backup_12-03-18.sql.gz  ca_backup_27-03-18.sql.gz  ca_backup_13-02-18.sql.gz  ca_backup_28-02-18.sql.gz
ca_backup_13-02-18.sql.gz  ca_backup_28-02-18.sql.gz  ca_backup_13-03-18.sql.gz  ca_backup_28-03-18.sql.gz
ca_backup_13-03-18.sql.gz  ca_backup_28-03-18.sql.gz  ca_backup_14-02-18.sql.gz  ca_backup_29-02-18.sql.gz
ca_backup_14-02-18.sql.gz  ca_backup_29-02-18.sql.gz  ca_backup_14-03-18.sql.gz  ca_backup_29-03-18.sql.gz
ca_backup_14-03-18.sql.gz  ca_backup_29-03-18.sql.gz  ca_backup_15-02-18.sql.gz  ca_backup_30-02-18.sql.gz
ca_backup_15-02-18.sql.gz  ca_backup_30-02-18.sql.gz  ca_backup_15-03-18.sql.gz  ca_backup_31-03-18.sql.gz
ca_backup_15-03-18.sql.gz  ca_backup_31-03-18.sql.gz  ca_backup_01-02-18.sql.gz  ca_backup_16-02-18.sql.gz
[root@csi-7 Remove]# █
```

Once you are certain that the only files contained in this directory are safe to remove, you can continue to delete them.

```
[root@csi-7 Remove]# rm -f *.gz
[root@csi-7 Remove]# ls
[root@csi-7 Remove]# █
```

The above command removes (rm) forcefully (-f) any file that ends in .gz (*.gz). We then run a directory listing (ls) and can see that the directory is now empty.

Services

To list all services, you should run the following command. 'systemctl list-units --type service'. The text before the word 'type' is 2 minus signs. The output below will then be generated.

```
[root@csi-7 backup]# systemctl list-units --type service
UNIT                                LOAD    ACTIVE SUB    DESCRIPTION
auditd.service                      loaded active running Security Auditing Service
chronyd.service                     loaded active running NTP client/server
crond.service                        loaded active running Command Scheduler
dbus.service                         loaded active running D-Bus System Message Bus
firewalld.service                   loaded active running firewalld - dynamic firewall daemon
getty@tty1.service                  loaded active running Getty on tty1
haproxy.service                     loaded active running HAProxy Load Balancer
httpd.service                        loaded active running The Apache HTTP Server
kdump.service                       loaded active exited Crash recovery kernel arming
kmod-static-nodes.service           loaded active exited Create list of required static device nodes for the current kernel
lvm2-lvmetad.service                loaded active running LVM2 metadata daemon
lvm2-monitor.service                loaded active exited Monitoring of LVM2 mirrors, snapshots etc. using dmeventd or progress polling
lvm2-pvscan@8:2.service             loaded active exited LVM2 PV scan on device 8:2
mariadb.service                     loaded active running MariaDB database server
network.service                    loaded active exited LSB: Bring up/down networking
NetworkManager-wait-online.service loaded active exited Network Manager Wait Online
NetworkManager.service              loaded active running Network Manager
polkit.service                       loaded active running Authorization Manager
postfix.service                     loaded active running Postfix Mail Transport Agent
rhel-dmmsg.service                  loaded active exited Dump dmesg to /var/log/dmmsg
rhel-import-state.service            loaded active exited Import network configuration from initramfs
rhel-readonly.service               loaded active exited Configure read-only root support
rhnsd.service                       loaded active running LSB: Starts the Spacewalk Daemon
rhnscerrtd.service                  loaded active running Enable periodic update of entitlement certificates.
rsyslog.service                     loaded active running System Logging Service
scandaeomon.service                 loaded active running CSI Scanning Daemon
sgdaemon.service                    loaded active running CSI Smart Group Generation Daemon
sshd.service                         loaded active running OpenSSH server daemon
systemd-journal-flush.service        loaded active exited Flush Journal to Persistent Storage
systemd-journald.service             loaded active running Journal Service
systemd-logind.service               loaded active running Login Service
systemd-random-seed.service          loaded active exited Load/Save Random Seed
systemd-remount-fs.service           loaded active exited Remount Root and Kernel File Systems
systemd-sysctl.service               loaded active exited Apply Kernel Variables
systemd-tmpfiles-setup-dev.service   loaded active exited Create Static Device Nodes in /dev
systemd-tmpfiles-setup.service       loaded active exited Create Volatile Files and Directories
systemd-udev-trigger.service         loaded active exited udev Coldplug all Devices
systemd-udevd.service                loaded active running udev Kernel Device Manager
systemd-update-utmp.service           loaded active exited Update UTMP about System Boot/Shutdown
systemd-user-sessions.service         loaded active exited Permit User Sessions
systemd-voconsole-setup.service      loaded active exited Setup Virtual Console
tuned.service                        loaded active running Dynamic System Tuning Daemon

LOAD = Reflects whether the unit definition was properly loaded.
ACTIVE = The high-level unit activation state, i.e. generalization of SUB.
SUB = The low-level unit activation state, values depend on unit type.

42 loaded units listed. Pass --all to see loaded but inactive units, too.
To show all installed unit files use 'systemctl list-unit-files'.
[root@csi-7 backup]#
```

Please ensure that the following are running;

- crond.service
- haproxy.service
- httpd.service
- mariadb.service
- scandaeomon.service
- sgdaemon.service

If you find that any services are not listed, you will need to start them. For example, if httpd.service is missing from the list, you would run the following command.

```
[root@csi-7 Remove]# systemctl start httpd
```

Once the command has completed, run 'systemctl list-units --type service' again & confirm the service is now running. Repeat for any additional missing services, replacing 'httpd' with the name of the relevant service.

To list all running process' and services you can run the following command. 'systemctl list-unit-files'. This will generate the output below. Please be aware, this will likely be several pages which you can scroll through by pressing the space bar. Once at the end of the list, press 'q' to return to the root prompt.

```
UNIT FILE STATE
proc-sys-fs-binfmt_misc.automount static
dev-hugepages.mount static
dev-mqueue.mount static
proc-sys-fs-binfmt_misc.mount static
sys-fs-fuse-connections.mount static
sys-kernel-config.mount static
sys-kernel-debug.mount static
tmp.mount disabled
brandbot.path disabled
systemd-ask-password-console.path static
systemd-ask-password-plymouth.path static
systemd-ask-password-wall.path static
session-12.scope static
session-158.scope static
session-76.scope static
auditd.service enabled
autovt@.service enabled
blk-availability.service disabled
brandbot.service static
chrony-dnssrv@.service static
chrony-wait.service disabled
chronyd.service enabled
console-getty.service disabled
console-shell.service disabled
container-getty@.service static
cpupower.service disabled
cron.service enabled
dbus-org.fedoraproject.FirewallD1.service enabled
dbus-org.freedesktop.hostname1.service static
dbus-org.freedesktop.import1.service static
dbus-org.freedesktop.locale1.service static
dbus-org.freedesktop.login1.service static
dbus-org.freedesktop.machine1.service static
dbus-org.freedesktop.NetworkManager.service enabled
dbus-org.freedesktop.nm-dispatcher.service enabled
dbus-org.freedesktop.timedate1.service static
dbus.service static
debug-shell.service disabled
dm-event.service disabled
dnsmasq.service disabled
dracut-cmdline.service static
dracut-initqueue.service static
dracut-mount.service static
dracut-pre-mount.service static
dracut-pre-pivot.service static
dracut-pre-trigger.service static
dracut-pre-udev.service static
dracut-shutdown.service static
eatables.service disabled
emergency.service static
firewalld.service enabled
fstrim.service static
getty@.service enabled
halt-local.service static
haproxy.service enabled
htcacheclean.service static
httpd.service enabled
initrd-cleanup.service static
initrd-parse-etc.service static
initrd-switch-root.service static
initrd-udevadm-cleanup-db.service static
libas_1m62
```

Check Current Version

The easiest way to check the version of CSI that you are running is from the web browser, by opening IE as an administrator and browsing to <https://csi7.secunia.com>

The screenshot shows the Corporate Software Inspector (CSI) dashboard. The interface includes a navigation menu on the left and a main content area. The main content area displays an 'Overview' window with a table comparing 'Currently' and 'Last Week' data for various metrics. The status bar at the bottom right shows 'CSI 2018 R1' circled in yellow.

	Currently	Last Week
Average Flexera System Score:	90%	90%
Hosts:	6	6
Programs:		
Insecure:	4	4
End-of-Life:	19	19
Patched:	250	250
	<u>273</u>	<u>273</u>
Operating Systems:		
Insecure:	1	1
End-of-Life:	0	0
Patched:	5	5
	<u>6</u>	<u>6</u>
TOTAL:	<u>279</u>	<u>279</u>

The version number will be displayed in the bottom right of the screen. With the mouse over this text, it will reveal the exact version number, for example 7.6.1.1.

About Flexera

Flexera is reimagining the way software is bought, sold, managed and secured. We view the software industry as a supply chain, and make the business of buying and selling software more transparent, secure, and effective. Our Monetization and Security solutions help software sellers transform their business models, grow recurring revenues and minimize open source risk. Our Vulnerability and Software Asset Management (SAM) solutions strip waste and unpredictability out of buying applications, helping companies purchase only the software and cloud services they need, manage what they have, and reduce license compliance and security risk. In business for 30+ years, our 1000+ employees are passionate about helping our 80,000+ customers generate millions in ROI every year. Visit us at: www.flexera.com



Flexera

300 Park Blvd., Suite 500

Itasca, IL 60143

USA

Itasca (Global Headquarters):

+1 800-374-4353

United Kingdom (Europe, Middle East Headquarters)

+44 370-871-1111

+44 870-873-6300

Japan (Asia, Pacific Headquarters)

+81 3-4360-8291

Australia

+61 3 9895 2000

www.flexera.com

©2017 Flexera. All rights reserved.

All other brand and product names are trademarks, registered trademarks, or service marks of their respective owners.