

OS Hardening

- Remove Legacy Services
- Disable Or Remove Server Services

Remove Legacy Services

The removal of legacy services

Check for legacy services

1. To check for legacy services, use the command the below

```
chkconfig --list
```

You should get an output similar to

```
Note: This output shows SysV services only and does not include native
systemd services. SysV configuration data might be overridden by native
systemd configuration.

If you want to list systemd services use 'systemctl list-unit-files'.
To see services enabled on particular target use
'systemctl list-dependencies [target]'.

netconsole    0:off  1:off  2:off  3:off  4:off  5:off  6:off
network       0:off  1:off  2:on   3:on   4:on   5:on   6:off
```

Disable legacy services

1. Confirm the necessity of the service and disable if not necessary with the below command

```
chkconfig "service name" off
```

I.e to disable netconsole

```
=====
```

```
chkconfig netconsole off
```

Disable Or Remove Server Services

Disable or remove server services that are not going to be utilized (e.g. FTP, DNS, LDAP, SMB, DHCP, NFS, SNMP, etc.)

Display a list of services available

1. To display a list of services available use the command the below

```
systemctl -t service
```

This will display something similar to

UNIT	LOAD	ACTIVE	SUB	DESCRIPTION
auditd.service	loaded	active	running	Security Auditing Service
clamd@scan.service	loaded	active	running	clamd scanner (scan) daemon
crond.service	loaded	active	running	Command Scheduler
dbus.service	loaded	active	running	D-Bus System Message Bus
fail2ban.service	loaded	active	running	Fail2Ban Service
firewalld.service	loaded	active	running	firewalld - dynamic firewall daemon
getty@tty1.service	loaded	active	running	Getty on tty1
httpd.service	loaded	active	running	The Apache HTTP Server
irqbalance.service	loaded	active	running	irqbalance daemon

Disable unnecessary services

1. Stop and turn OFF auto-start services not needed

```
systemctl stop "service name"
systemctl disable "service name"
```

I. e. to stop and disable the Postfix service

=====

```
systemctl stop postfix
systemctl disable postfix
```