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Run Level 변경

RedHat 6

1. 현재 설정된 runlevel 확인

```
[root@localhost ~]# runlevel
N 3
```

2. inittab 에서 직접 runlevel 변경하기

```
[root@localhost ~]# vim /etc/init
```

```
# inittab is only used by upstart for the default runlevel.
#
# ADDING OTHER CONFIGURATION HERE WILL HAVE NO EFFECT ON YOUR SYSTEM.
#
# System initialization is started by /etc/init/rcS.conf
#
# Individual runlevels are started by /etc/init/rc.conf
#
# Ctrl-Alt-Delete is handled by /etc/init/control-alt-delete.conf
#
# Terminal gettys are handled by /etc/init/tty.conf and
/etc/init/serial.conf,
# with configuration in /etc/sysconfig/init.
#
# For information on how to write upstart event handlers, or how
# upstart works, see init(5), init(8), and initctl(8).
#
# Default runlevel. The runlevels used are:
# 0 - halt (Do NOT set initdefault to this)
# 1 - Single user mode
# 2 - Multiuser, without NFS (The same as 3, if you do not have
networking)
# 3 - Full multiuser mode
# 4 - unused
# 5 - X11
# 6 - reboot (Do NOT set initdefault to this)
#
id:5:initdefault:
```

3. System reboot

```
[root@localhost ~]# reboot
```

RedHat 7

1. RHEL7 에서 사용할 수 있는 target 정보 출력

```
[root@localhost etc]# systemctl list-units --type=target --all
UNIT                                LOAD    ACTIVE SUB    DESCRIPTION
basic.target                       loaded active active Basic System
cryptsetup.target                  loaded active active Encrypted Volumes
emergency.target                   loaded inactive dead Emergency Mode
final.target                       loaded inactive dead Final Step
getty.target                       loaded active active Login Prompts
graphical.target                   loaded active active Graphical Interface
local-fs-pre.target                loaded active active Local File Systems (Pre)
local-fs.target                    loaded active active Local File Systems
multi-user.target                  loaded active active Multi-User System
network-online.target              loaded inactive dead Network is Online
network.target                     loaded active active Network
nfs.target                         loaded active active Network File System Server
nss-lookup.target                  loaded inactive dead Host and Network Name Lookups
nss-user-lookup.target             loaded inactive dead User and Group Name Lookups
paths.target                       loaded active active Paths
remote-fs-pre.target               loaded inactive dead Remote File Systems (Pre)
remote-fs.target                   loaded active active Remote File Systems
rescue.target                      loaded inactive dead Rescue Mode
shutdown.target                   loaded inactive dead Shutdown
slices.target                      loaded active active Slices
sockets.target                     loaded active active Sockets
swap.target                        loaded active active Swap
sysinit.target                     loaded active active System Initialization
syslog.target                      not-found inactive dead syslog.target
time-sync.target                   loaded inactive dead System Time Synchronized
timers.target                      loaded active active Timers
umount.target                      loaded inactive dead Unmount All Filesystems
```

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.

27 loaded units listed.

To show all installed unit files use 'systemctl list-unit-files'.

2. 현재 설정된 runlevel 확인

```
[root@localhost ~]# runlevel
N 3
```

3. runlevel 변경

```
[root@localhost ~]# systemctl set-default graphical.target  
rm '/etc/systemd/system/default.target'  
ln -s '/usr/lib/systemd/system/graphical.target'  
'/etc/systemd/system/default.target'
```

4. runlevel 확인

```
[root@localhost ~]# runlevel  
N 5
```

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