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RHEL7 Systemctl command

Target

```
target          SysV init      run level          systemd          default.target
                (run level)    mutl-user.target  .
```

```
$ systemctl get-default
```

```
multi-user.target
```

```
$ systemctl list-units --type target
```

UNIT	LOAD	ACTIVE	SUB	DESCRIPTION
basic.target	loaded	active	active	Basic System
cryptsetup.target	loaded	active	active	Encrypted Volumes
getty.target	loaded	active	active	Login Prompts
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	active	active	Network is Online
network.target	loaded	active	active	Network
paths.target	loaded	active	active	Paths
remote-fs.target	loaded	active	active	Remote File Systems
slices.target	loaded	active	active	Slices
sockets.target	loaded	active	active	Sockets
sound.target	loaded	active	active	Sound Card
swap.target	loaded	active	active	Swap
sysinit.target	loaded	active	active	System Initialization
timers.target	loaded	active	active	Timers

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

```
(rescue, emergency )
```

```
-all
```

```
가
```

```
$ systemctl list-units --type target --all
```

```
$ systemctl set-default name.target
```

graphical.target multi-user.target X-Windows

```
$ sudo systemctl set-default graphical.target
```

</WRAP

single user mode

single user mode 가 rescue

```
$ sudo systemctl rescue
```

systemctl emergency

) (root 가 single mode read only emergency 가

```
$ sudo systemctl emergency
```

service

service	systemctl	
service name start	systemctl start name.service	
service name stop	systemctl stop name.service	
service name restart	systemctl restart name.service	
service name condrestart	systemctl try-restart name.service	가
service name reload	systemctl reload name.service	
service name status	systemctl status name.service systemctl is-active name.service	
service -status-all	systemctl list-units -type service -all	

chkconfig

chkconfig	systemctl	
chkconfig name on	systemctl enable name.service	()
chkconfig name off	systemctl disable name.service	
chkconfig -list name	systemctl status name.service systemctl is-enabled name.service	
chkconfig -list	systemctl list-unit-files -type service	
chkconfig -list	systemctl list-dependencies -after	target
chkconfig -list	systemctl list-dependencies -before	target

```
systemctl status  
systemctl status php-fpm.service
```

```
systemctl start mariadb.service
```

```
systemctl enable mariadb.service
```

list-units

```
$ sudo systemctl list-units
```

unit list-unit-files

```
$ sudo systemctl list-unit-files
```

```
$ sudo systemctl list-units --state=failed
```

active

```
$ sudo systemctl list-units --state=active
```

가 inactive

```
$ sudo systemctl list-units --all --state=inactive
```

가 running

```
$ sudo systemctl list-units --type=service --state=running
```

가 active

```
가 active is-active
```

```
$ sudo systemctl is-active nginx
```

```
failed
```

가

```
가 active is-enabled
```

```
$ sudo systemctl is-enabled nginx
```

```
disabled
```

journalctl

Query the systemd journal log.

systemctl

```
journalctl -xn
```

Pager

-e(pager end)

```
journalctl -xe
```

```
journalctl -xn --no-pager | less
```

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