

Systemd

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Systemd

Unit File

[Unit] Section

[Service] Section

[Install] Section

Unit

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kavita

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Systemd

<https://www.freedesktop.org/software/systemd/>



- [Systemd Unit](#)
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- [Systemd journal log](#)

Systemd

Unit type

Unit Type		
	.service	
	.target	
	.automount	
	.device	
	.mount	
	.path	
	.scope	
	.slice	
	.snapshot	systemd
	.socket	
	.swap	
	.timer	

Unit file

/usr/lib/systemd/system/	RPM
/run/systemd/system/	
/etc/systemd/system/	systemctl enable 가 unit file. Systemd unit file.

systemd

systemd

(/etc/systemd/system.conf)

90

DefaultTimeoutStartSec

DefaultTimeoutStartSec =

service

systemctl

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	.
service name reload	systemctl reload name.service	.
service name status	systemctl status name.service systemctl is-active name.service	가 .
service -status-all	systemctl list-units -type service -all	.

chkconfig

systemctl

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	가 .
chkconfig -list	systemctl list-unit-files -type service	.
chkconfig -list	systemctl list-dependencies -after	.
chkconfig -list	systemctl list-dependencies -before	.

Unit File

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systemctl

가

- [Unit] —

- [unit type] — [Service]
- [Install] — systemctl enable disable 가

[Unit] Section

[Unit] Section keyword

Description	systemctl status
Documentation	URI
After	가 After 가 Requires After Before After
Requires	Requires 가
Wants	Requires 가
Conflicts	Requires 가

[Service] Section

[Service] Section keyword

Type	ExecStart * simple — ExecStart * forking - ExecStart 가 * oneshot — simple 가 * dbus — simple 가 D-Bus * notify — simple sd_notify() * idle - simple
ExecStart	가 ExecStartPre ExecStartPost ExecStart , Type=oneshot
ExecStop	가
ExecReload	

Restart	systemctl 가
RemainAfterExit	True 가 False Type=oneshot가
limit	LimitCPU=, LimitFSIZE=, LimitDATA=, LimitSTACK=, LimitCORE=, LimitRSS=, LimitNOFILE=, LimitAS=, LimitNPROC=, LimitMEMLOCK=, LimitLOCKS=, LimitSIGPENDING=, LimitMSGQUEUE=, LimitNICE=, LimitRTPRIO=, LimitRTTIME=

[Install] Section

[Install] Section keyword

Alias	Unit enable 가 systemctl Unit systemctl
RequiredBy	Unit Require 가 Unit 가 Unit RequiredBy Unit
WantedBy	Unit Unit Want 가 Unit 가 Unit WantedBy
Also	Unit Unit
DefaultInstance	Unit Unit가

Unit

RHEL7
RedHat
RHEL8



Unit

- <https://access.redhat.com/solutions/3461241>
- <https://access.redhat.com/solutions/3523861>
- <https://access.redhat.com/solutions/4661741>
- <https://access.redhat.com/solutions/5101061>

가 sudo / 가

- <https://access.redhat.com/solutions/1293513>

Debian/Ubuntu . :)

Unit file

system unit file
unit file

root

가 unit file

.config/systemd/user/

.

jboss

unit file

.

.config/systemd/user/jboss.service

```
[Unit]
Description=JBoss EAP Systemctl script
After=NetworkManager.service

[Service]
Type=forking
ExecStart=/opt/server/jboss-eap-6/bin/init.d/jboss-as-standalone.sh start
ExecStop=/opt/server/jboss-eap-6/bin/init.d/jboss-as-standalone.sh stop
ExecReload=/opt/server/jboss-eap-6/bin/init.d/jboss-as-standalone.sh restart
PIDFile=/var/run/jboss-as/jboss-as-standalone.pid

TimeoutStartSec=600
TimeoutStopSec=600

[Install]
WantedBy=multi-user.target
```

systemd

unit file

.

```
[user@host ~]$ systemctl --user daemon-reload
[user@host ~]$ systemctl --user enable myunit.service
[user@host ~]$ systemctl --user start myunit.service
[user@host ~]$ systemctl --user stop myunit.service
[user@host ~]$ systemctl --user status myunit.service
```

- https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/7/html/system_administrators_guide/chap-managing_services_with_systemd
- <https://www.freedesktop.org/software/systemd/man/systemd.directives.html>
- <https://www.digitalocean.com/community/tutorials/understanding-systemd-units-and-unit-files>

kavita

[Unit]

Description=Kavita Daemon

[Service]

User=root

WorkingDirectory=/Kavita

Type=simple

ExecStart=/Kavita/Kavita

PIDFile=/Kavita/Kavita.pid

Restart=on-failure

[Install]

WantedBy=multi-user.target

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