

MaxScale - load balancer

- Basic three node load balancer

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Preparations

```
dnf repolist | grep -i maxscale
```

```
mariadb-maxscale          MariaDB MaxScale
```

```
```bash
```

```
dnf install \
 maxscale \
 MariaDB-client
systemctl enable maxscale
systemctl start maxscale
systemctl status maxscale
ss -ntap | grep -i maxscale
```

```
systemctl stop maxscale
maxctrl destroy user superadmin
maxctrl create user superadmin superpass --type admin
```

```
list servers
```

```
create server lt58ncp1dbn1 192.168.56.104 3306
```

```
create server lt58ncp1dbn2 192.168.56.105 3306
```

```
create server lt58ncp1dbn3 192.168.56.106 3306
```

```
alter server lt58ncp1dbn1 ssl true
```

```
alter server lt58ncp1dbn2 ssl true
```

```
alter server lt58ncp1dbn3 ssl true
```

```
list servers
```

```
create monitor mon galera user=maxscale password=superpass
```

```
servers=lt58ncp1dbn1,lt58ncp1dbn2,lt58ncp1dbn3
```

```
list monitors
```

```
list services
```

```
create service rr-service readconnroute user=maxscale password=superpass
show service rr-service
link service rr-service lt58ncp1dbn1
link service rr-service lt58ncp1dbn2
link service rr-service lt58ncp1dbn3
start service rr-service

list listeners
create listener rr-service rr-listener 3306
list listeners
```

## Cleaning up

```
stop service
unlink service rr-service lt58ncp1dbn1
unlink service rr-service lt58ncp1dbn2
unlink service rr-service lt58ncp1dbn3
destroy listener rr-listener
destroy service rr-service
list services

unlink monitor mon lt58ncp1dbn1 lt58ncp1dbn2 lt58ncp1dbn3
stop monitor mon
destroy monitor mon

destroy server lt58ncp1dbn1
destroy server lt58ncp1dbn2
destroy server lt58ncp1dbn3
list servers
```