
KNOWLEDGE BASE ARTICLE

Bind9 Unit - Disable port 53 on the GLServer host

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DOCUMENT

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Issue

When running the GLServer bind 9 unit the unit fails to start due to a conflicting DNS port (53) Confirm port 53 is in use by the local DNSresolver service with the following command

```
lsof -i :53 which will produce output similar to the following
```

	COMMAND	PID	USER	FD	TYPE
DEVICE	SIZE/OFF	NODE	NAME	systemd-r 1051	systemd-resolve 12u IPv4 25710 0t0 UDP
localhost:domain	systemd-r 1051	systemd-resolve 13u	IPv4 25711 0t0	TCP	localhost:domain (LISTEN)

Solution

Edit the following

```
/etc/systemd/resolved.conf
```

The file contents should replicate the following

```
[Resolve]
DNS=127.0.0.1
#FallbackDNS=
#Domains=
#LLMNR=no
#MulticastDNS=no
#DNSSEC=no
#Cache=yes
DNSStubListener=no
```

Create a sym link to the resolve.conf file

```
ln -sf /run/systemd/resolve/resolv.conf /etc/resolv.conf
```

Restart the resolved service

```
systemctl daemon-reload
systemctl restart systemd-resolved.service
```

Test port 53 is no longer in use using the following command

```
lsof -i :53
```

If successful no output will be produced you can now restart the unit

```
gl -s bind9-unit-name
```