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Installasi DNSDIST Powerdns

Catatan tutorial installasi dnsdist pada sistem operasi centos 7-8/almalinux 8 berikut ini

Beberapa hal yang perlu di siapkan preinstallasi

```
sudo dnf group install "Development Tools"
yum install automake autoconf -y
yum install ragel ragel-devel -y
yum install libedit-devel -y
yum install boost boost-devel boost-system boost-filesystem -y
yum install lua lua-devel -y
yum install gcc openssl-devel bzip2-devel libffi-devel -y
```

Jika tidak bisa menginstall libedit-devel di almalinux maka perlu mengaktifkan repo powertools

```
sudo dnf config-manager --set-enabled powertools
```

selanjutnya install ulang libedit-devel

```
yum install libedit-devel -y
```

kemudian

```
wget https://downloads.powerdns.com/releases/dnsdist-1.9.2.tar.bz2
bunzip2 dnsdist-1.9.2.tar.bz2
untar dnsdist-1.9.2.tar
tar -xvf dnsdist-1.9.2.tar
cd dnsdist-1.9.2/
ls
./configure
make
```

konfigurasi

```
adduser dnsdist
```

```
nano /usr/local/etc/dnsdist.conf
```

Contoh

```
-- Define your Pi-hole DNS servers
newServer({address="8.8.8.8", name="google", checkName="google.com",
checkInterval=30})
newServer({address="1.1.1.1", name="opendns", checkName="opendns.com",
checkInterval=30})

-- Set the load balancing policy
```

```
setServerPolicy(roundrobin)

-- Listen on port 53 (DNS)
addLocal("127.0.0.2:53")

-- Use the console to manage dnst
controlSocket("127.0.0.3:5199")
setKey("2XCyp6q9keySARg=")
```

start

```
systemctl enable dnst
systemctl start dnst
```

DNST Command

```
dnst -C /usr/local/etc/dnst.conf -c
```

```
[root@smtp1 dnst-1.9.2]# dnst -C /usr/local/etc/dnst.conf -c
>
> showServers();
#   Name           Address          State    Qps    Qlim    Ord    Wt    Queries   Drops Rate   Lat
Pools
0  dnskul        [REDACTED]       up      0.0     0      1      1      19      0  0.0  14.2
1  dnsku2        [REDACTED]       up      0.0     0      1      1      18      0  0.0  0.4
2  google         8.8.8.8:53     up      0.0     0      1      1      18      0  0.0  0.3
3  opendns        1.1.1.1:53     up      0.0     0      1      1      18      0  0.0  0.4
All
```

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