

Настройка DNS-сервера

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ЦЕЛЬ РАБОТЫ

Приобретение практических навыков работы с DNS сервером, усвоение принципов работы системы доменных и мён.

```
[agsargsyan@server.agsargsyan.net ~]$ sudo -i
```

We trust you have received the usual lecture from the local System Administrator. It usually boils down to these three things:

- #1) Respect the privacy of others.
- #2) Think before you type.
- #3) With great power comes great responsibility.

```
[sudo] password for agsargsyan:
```

```
[root@server.agsargsyan.net ~]# dnf -y install bind bind-utils
```

Extra Packages for Enterprise Linux 9	12 kB/s		15 kB	00:01
Extra Packages for Enterprise Linux 9	4.9 MB/s		11 MB	00:02
Rocky Linux 9 - BaseOS	7.8 kB/s		3.6 kB	00:00
Rocky Linux 9 -	[==]	---	B/s	0 B --:-- ETA



```
agsargsyan.net 192.168.1
1 $TTL 1D
2 @      IN SOA  @ server.agsargsyan.net. (
3                               2020110500 ; serial
4                               1D         ; refresh
5                               1H         ; retry
6                               1W         ; expire
7                               3H )       ; minimum
8      NS      @
9      A      192.168.1.1
10 $ORIGIN agsargsyan.net.
11 server      A      192.168.1.1
12 ns          A      192.168.1.1
13
```

```
*agsargsyan.net *192.168.1
1 $TTL 1D
2 @      IN SOA  @ server.agsargsyan.net. (
3                               2020110500 ; serial
4                               1D         ; refresh
5                               1H         ; retry
6                               1W         ; expire
7                               3H )       ; minimum
8      NS      @
9      A      192.168.1.1
10      PTR    server.agsargsyan.net.
11 $ORIGIN 1.168.192.in-addr.arpa.
12 1      PTR    server.agsargsyan.net
13 1      PTR    ns.agsargsyan.net
```

server [Работает] - Oracle VM VirtualBox

Файл Машина Вид Ввод Устройства Справка

Activities Text Editor Nov 11 14:10 en

Open  *named.conf Save  x

/etc

```
5 // server as a caching only nameserver (as a localhost DNS resolver only).
6 //
7 // See /usr/share/doc/bind*/sample/ for example named configuration files.
8 //
9
10 options {
11     listen-on port 53 { 127.0.0.1; any; };
12     listen-on-v6 port 53 { ::1; };
13     directory "/var/named";
14     dump-file "/var/named/data/cache_dump.db";
15     statistics-file "/var/named/data/named_stats.txt";
16     memstatistics-file "/var/named/data/named_mem_stats.txt";
17     secroots-file "/var/named/data/named.secroots";
18     recursing-file "/var/named/data/named.recursing";
19     allow-query localhost; 192.168.0.0/16;
20
21     /*
```

ВЫВОД

1. Я настроил DNS сервер на своей виртуальной машине.
2. Разобрался с основными принципами системы доменных имён.