

[SLE] DNS server – permissions problem

Source: <http://linux.derkeiler.com/Mailing-Lists/SuSE/2006-05/msg02319.html>

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 - *Date:* Mon, 22 May 2006 12:57:37 -0500
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Hi,

Suse 10.1.

I installed and setup a slave DNS server as follows:

Forwarder – my ISP's DNS server

Slave for our 2 domains – as master is SuSE 10.0 machine on a different subnet (i.e. if the net on which I set up the new machine is 10.88.1.0/24, the master DNS is on 10.88.2.0/24). The routing between the 2 networks is OK, I can ping, etc. machines on both nets. The routing goes through 10.88.3.x router machine.

Now, when I start the DNS slave, in the log files I see:

```
May 22 12:46:29 fwqa named[20985]: zone mydomain.com/IN: Transfer started.
May 22 12:46:29 fwqa named[20985]: transfer of 'mydomain.com/IN' from
10.88.2.11#53: connected using 10.88.3.11#44250
May 22 12:46:29 fwqa named[20985]: dumping master file: rename:
slave/mydomain.com: permission denied
May 22 12:46:29 fwqa named[20985]: transfer of 'mydomain.com/IN' from
10.88.2.11#53: failed while receiving responses: permission denied
May 22 12:46:29 fwqa named[20985]: transfer of 'mydomain.com/IN' from
10.88.2.11#53: end of transfer
May 22 12:46:29 fwqa kernel: audit(1148319989.417:73): REJECTING w
access to /slave/mydomain.com (named(20986) profile /usr/sbin/named
active /usr/sbin/named)
```

And I can not resolve anything for the domain mydomain.com.

There is no mydomain.com subdir in /var/lib/named/slave at all, so I do not understand the permission denied message.

The named daemon runs as user named. And the permissions in /var/lib/named are as follows:

```
sunny@fwqa:~> ls -l /var/lib/named/
total 40
```

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```
-rw-r--r-- 1 root root 192 2001-07-04 02:27 127.0.0.zone
drwxr-xr-x 2 root root 4096 2006-05-22 10:45 dev
drwxr-xr-x 2 named named 4096 2006-05-02 03:33 dyn
drwxr-xr-x 3 root root 4096 2006-05-22 10:48 etc
-rw-r--r-- 1 root root 158 2001-07-04 02:27 localhost.zone
drwxr-xr-x 2 named named 4096 2006-05-02 03:33 log
drwxr-xr-x 2 root root 4096 2006-05-02 03:33 master
-rw-r--r-- 1 root root 2517 2006-05-02 03:33 root.hint
drwxr-xr-x 2 named named 4096 2006-05-22 12:46 slave
drwxr-xr-x 4 root root 4096 2006-05-19 16:42 var
```

Under /var/lib/named/slave there are a bunch of tmp-xxxx files, all with named:named owner.

What is going wrong? Someone had a success to configure DNS server in 10.1? I did not change anything, all these are created by YaST, so looks like a bug. If someone else confirms that problem, I'll file a bug report.

But meanwhile, I need to make it run, so any help is appreciated.

Cheers

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Svetoslav Milenov (Sunny)

Windows is a 32-bit extension to a 16-bit graphical shell for an 8-bit operating system originally coded for a 4-bit microprocessor by a 2-bit company that can't stand 1 bit of competition.

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