

Re: Dynamic DNS and failed journal

Source: <http://linux.derkeiler.com/Mailing-Lists/Fedora/2006-07/msg04178.html>

- *From:* Paul Howarth <paul@xxxxxxxxxxxxx>
 - *Date:* Mon, 31 Jul 2006 08:53:19 +0100
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On Mon, 2006-07-31 at 17:37 +1000, Brian Chadwick wrote:

Hi

On FC5 I have dhcpd running and attempting to update the DNS server from DHCP.

a log output from bind is as follows:

```
31-Jul-2006 17:27:55.658 general: notice: running
31-Jul-2006 17:28:08.013 update: info: client 192.168.10.254#32826:
updating zone 'bac.org.au/IN': adding an RR at 'box.bac.org.au' A
31-Jul-2006 17:28:08.014 update: info: client 192.168.10.254#32826:
updating zone 'bac.org.au/IN': adding an RR at 'box.bac.org.au' TXT
31-Jul-2006 17:28:08.015 general: info: journal file
/var/named/bac.org.au.hosts.jnl does not exist, creating it
31-Jul-2006 17:28:08.016 general: error:
/var/named/bac.org.au.hosts.jnl: create: permission denied
31-Jul-2006 17:28:08.016 update: info: client 192.168.10.254#32826:
updating zone 'bac.org.au/IN': error: journal open failed: unexpected error
```

I am sure my dhcpd and named config files are ok, as far as allowing dynamic updates are concerned anyway ... but there seems to be a permission problem in trying to create bind's zone journal.

I have fiddled with permissions, even going so far as to use 777 !! ... but the error persists. The update apparently fails because this journal can not be created and/or written. This is a stock standard FC5 installation.

I suspect this is something to do with the chrooted environment in which bind is running

Any ideas people?

/var/named isn't normally writable by the named process.

Try configuring your DNS server to maintain the DDNS zone file in

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the /var/named/slaves directory instead, which is writable by named.

Paul.

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