

## Re: DHCP Server Offline.

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/questions/2005-07/1236.html>

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**From:** David van Geyn ([webformsNOSPAM\\_at\\_noc.peon.net](mailto:webformsNOSPAM_at_noc.peon.net))

**Date:** 07/15/05

Date: Fri, 15 Jul 2005 10:30:37 -0400 (EDT)  
To: "Stephan Weaver" <[stephanweaver@hotmail.com](mailto:stephanweaver@hotmail.com)>

```
du /var | sort -rn | more
```

This will sort the output with the largest directories at the top. Then you can examine what is in the directories that is taking up the space.

David

<http://freebsd.vangeyn.net/>

```
> I Found out the Problem,
> The /var partation is full.
> How do i find out where is taking up all the space?
>
>
> Thanks
>
>>From: Ean Kingston <ean@hedron.org>
>>To: freebsd-questions@freebsd.org
>>CC: stephanweaver@hotmail.com
>>Subject: Re: DHCP Server Offline.
>>Date: Fri, 15 Jul 2005 10:18:09 -0400
>>
>>On July 15, 2005 10:11 am, Stephan Weaver wrote:
>>> Hello folks,
>>>
>>> I have a Stand Alone FreeBSD Firewall / Nat / Dhcp Server.
>>> Everything seems to work fine, up until this morning.
>>> Users seem to complain they could not get on the network anymore.
>>>
>>> Further investigation revealed the dhcp server could not be contacted.
>>> Further more, only some of the users were online.
>>> I am guessing that these clients who were online had an ip address
>>> from
>>> the
>>> dhcp server at a previous time and the lease didnt expire as yet.
>>> And users who were not online, the lease expired and attempted to
>>> contact
>>> the dhcp server and failed.
```

freebsd-questions: Re: DHCP Server Offline.

>>>  
>>> *I Would appreciate any help or suggestions.*  
>>  
>>> *Set the lease expire time to at least 5 days (7 to 10 is better) and the*  
>>> *renewal time to between 4 and 12 hours.*  
>>  
>>> *Then setup a dhcp monitoring process that will alert you if it fails to*  
>> *get*  
>> *an*  
>> *address or renewal.*  
>>  
>>> *Make sure you have more addresses available than you ever expect to give*  
>>> *out.*  
>>> *I go with 50% more. I've known some admins that want at least double.*  
>>  
>>> *Like what to do in the future incase this happens again.*  
>>  
>>> *Setup 2 dhcp servers on the network. If one fails, the other will*  
>> *hopefully*  
>>> *continue to serve addresses. Monitor this one as well.*  
>>  
>>> *I Would like to find out what had happened.*  
>>  
>>> *Start reading logs.*  
>>  
>>> *The last thing that i had done to the server was setup, configure and*  
>>> *install 'ntop';*  
>>> *dont know if this would cause a problem.*  
>>>  
>>> *Thank you in advance.*  
>>> *Stephan Weaver*  
>>>  
>>> *P.S. Please reply to my Directly at @*  
>>> *stephanweaver@hotmail.com*  
>>  
>>--  
>> *Ean Kingston*  
>>  
>> *E-Mail: ean AT hedron DOT org*  
>> *URL: <http://www.hedron.org/>*  
>> *I am currently looking for work. If you need competent system/network*  
>> *administration please feel free to contact me directly.*  
>  
>  

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> *FREE pop-up blocking with the new MSN Toolbar – get it now!*  
> *<http://toolbar.msn.click-url.com/go/onm00200415ave/direct/01/>*  
>  
>  

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> *freebsd-questions@freebsd.org mailing list*  
> *<http://lists.freebsd.org/mailman/listinfo/freebsd-questions>*  
> *To unsubscribe, send any mail to*

Re: DHCP Server Offline.

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