Re: requesting disk space increase on vm12: 5 T (up from 1.4 T) and fix to domain name, was: Re: request for account for user nfreese on cci-moss.uncc.edu

1 message

Michael Cowan <mcowan14@uncc.edu>   Mon, Feb 20, 2023 at 4:40 PM
To: Ann Loraine <aloraine@uncc.edu>
Cc: Robert Reid <RobertReid@uncc.edu>

Hi Ann,

Thank you for the info! I've set this disk up on its own volume with a daily snapshot schedule with retention for two weeks, and I've attached the disk to the VM and verified it's recognized by the OS as sdb. Since I'm unfamiliar with the server I haven't mounted or partitioned the disk.   I'm fairly certain a symlink or alias would work for htdocs regardless of mount point.

```
[sysadmin@cci-vm12 ~]$ lsblk
NAME                        MAJ:MIN RM   SIZE RO TYPE MOUNTPOINT
sda                           8:0    0   1.4T  0 disk
├─sda1                        8:1    0   500M  0 part /boot
└─sda2                        8:2    0   1.4T  0 part
  ├─vg_cciigb-lv_root (dm-0) 253:0   0    50G  0 lvm  /
  ├─vg_cciigb-lv_swap (dm-1) 253:1   0     2G  0 lvm  [SWAP]
  ├─vg_cciigb-srv (dm-2)     253:2   0   1.4T  0 lvm  /srv
  └─vg_cciigb-lv_home (dm-3) 253:3   0     4G  0 lvm  /home
sr0                          11:0    1 1024M  0 rom
sdb                           8:16   0   4.9T  0 disk
```

Has anyone from OneIT contacted you about the DNS ticket? igbquickload.org now seems to resolve to the internal IP from the campus network, but I haven't seen ticket updates.

Michael

On Feb 10, 2023, at 4:56 PM, Ann Loraine <aloraine@uncc.edu> wrote:

Answering the question about file sizes:

Most will be around 20 mg, and the largest will likely max out at 10 gb.

Client software running on users local computers will access these files via http byte range requests.

Sent from my iPhone

On Feb 10, 2023, at 4:51 PM, Ann Loraine <aloraine@uncc.edu> wrote:

Hi!

I think the network managed solution would be fine.

Files will be accessed via HTTP several times per day, in bursts. So, when a file is requested, it will be requested many times as users work with it. Does that make sense?

Basically, the files need to be accessible to the web server, i.e., visible to the web server process. For example, the files would need to "look like" they are stored in the Apache web server's "htdocs" directory.

Thanks a lot! Also, feel free to call my cell if I can help! 205-789-3048.

Sent from my iPhone

On Feb 10, 2023, at 4:38 PM, Ann Loraine <aloraine@uncc.edu> wrote:

Hi!

Next week or the week after is fine.

Thank you!

Ann

Sent from my iPhone

> On Feb 10, 2023, at 3:44 PM, Michael Cowan <mcowan14@uncc.edu> wrote:
>
>
> One more question— How quickly do you need to have the storage for igbquickload? I'm on the brink of wrapping up a project and should be able to take care of this next week.
>
> > On Feb 10, 2023, at 2:11 PM, Ann Loraine <Ann.Loraine@uncc.edu> wrote:
> >
> > Hello Michael,
> >
> > Thank you for helping us manage our "igbquickload.org" site, also known as "cci-vm12" which I'm accessing via the cci-jump host, with:
> >
> > > - ssh -J aloraine@cci-jump.uncc.edu -p 1657 aloraine@igbquickload.org (note the atypical port for ssh)
> >
> > I have two mission-critical requests I hope you can help me with:
> >
> > 1) First request is that I need an increase in the VM's disk space. Currently the VM has 1.4 Tb of space. I would like to get 5 Tb instead of 1.4 Tb. I need more space so that I can host large data files used by an NSF-funded project. (Rob Reid, cc'd on this email, is one of my coworkers on this project.) By hosting, I mean: making the data files accessible via HTTP, served by an Apache Web server, or other standard Web server.
> >
> > 2) Second request is help for fixing a internal-to-UNCC-network domain resolution for "igbquickload.org," the domain name I've registered for the VM. Currently, if someone connecting to "igbquickload.org" through the UNC Charlotte network tries to access URLs with igbquickload.org domain name, nothing happens. Thus, only people visiting from an external network can access the site. I need this to be fixed so that internal UNC Charlotte users can also reach it.
> >
> > Please let me know if you have any questions or if I can provide any further information!
> >
> > -Ann
> >
> > > On Mon, Nov 28, 2022 at 10:31 AM Michael Cowan <mcowan14@uncc.edu> wrote:
> > > > Hi Ann,
> > > >
> > > > We've deployed a server that we intend to be used as a jump host, cci-jump.uncc.edu

I've given the user nfreese access to it as well.

Michael

> On Jan 1, 2021, at 1:41 PM, Ann Loraine <Ann.Loraine@uncc.edu> wrote:
>
> Hi!
>
> If anyone is checking this email, can you help?
>
> Basically, I need to know the internal IP address for the host "cci-moss.uncc.edu" since it seems like the VPN setup (vpn.uncc.edu) does not recognize the domain name anymore.
>
> If this is something you can answer quickly without a lot of hassle, go for it. If not, it can wait until Monday.
>
> Warm regards,
>
> Ann Loraine
>
> ---------- Forwarded message ---------
> From: **Ann Loraine** <Ann.Loraine@uncc.edu>
> Date: Fri, Jan 1, 2021 at 1:36 PM
> Subject: Re: request for account for user nfreese on cci-moss.uncc.edu
> To: Benjamin Stalcup <bstalcu1@uncc.edu>
> Cc: Freese, Nowlan <nfreese@uncc.edu>, Benjamin Stalcup <benjamins@uncc.edu>, Michael Cowan <Michael.Cowan@uncc.edu>
>
>
> Maybe let me know what the IP address is?
>
> On Fri, Jan 1, 2021 at 1:31 PM Ann Loraine <Ann.Loraine@uncc.edu> wrote:
>> Hello,
>>
>> Even after connecting to the UNCC VPN, I am not able to access cci-moss.uncc.edu. I am getting this error message:
>>
>> ```
>> local aloraine$ ssh
>> aloraine@cci-
>> moss.uncc.edu
>> ssh: Could not
>> resolve hostname cci-
>> moss.uncc.edu:
>> nodename nor
>> servname provided,
>> or not known
>> ```
>>
>> Can you help?
>>
>> Warm Regards,
>>
>> Ann
>>
>> On Mon, Nov 30, 2020 at 1:09 PM Benjamin Stalcup <bstalcu1@uncc.edu> wrote:

Nowlan is added to the cci-moss_users AD group for access.
Nowlan is already a member of the vpn access group which permits ssh.

> On Nov 30, 2020, at 12:25 PM, Michael Cowan <Michael.Cowan@uncc.edu> wrote:
>
> Hello Ann,
> I'm out today, but Benjamin should be able to take care of this for you assuming you've already created an account for Nowlan on igbquickload. We'll also ensure Nowlan has proper vpn access.
>
>> On Mon, Nov 30, 2020, 10:31 AM Ann Loraine <Ann.Loraine@uncc.edu> wrote:
>>> Hello,
>>>
>>> Nowlan Freese in my group (cc'd) needs to be able to log into our VM hosting igbquickload.org.
>>>
>>> Could you add him as a user to cci-moss.uncc.edu?
>>>
>>> To remind you, this is the linux machine that I used to log into the igbquickload VM (after launching the VPN on my local machine.)
>>>
>>> Warm regards,
>>>
>>> Ann
>>>
>>> --
>>>
>>> Ann Loraine, Ph.D.
>>> Dept. of Bioinformatics & Genomics
>>> UNC Charlotte

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