

# Alert upon reaching 80% volume space...

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[egono@equicom.com](mailto:egono@equicom.com) 3 posts since

Jun 15, 2009

Hi,

I am new here, please understand if i am on the wrong place posting my concern.

And this is my concern, i have a LUN and it is 50GB of space residing on a volume with 50GB usable space. The space guarantee of the volume was set **to volume**. The LUN does not have space reserve. The LUN is mapped on a SQL server and function as repository of the Database Log. There was a time that the LUN was offline due to lack of sapce on the volume. I increased the size of the volume as well as the LUN size and put the LUN on online state again. I don't want to encounter the same problem again and I'm thinking if there is a possibility that the filer will alert me if the volume reaching 80% space utilization?

Thanks.

The filer has Data ONTAP 7.3.1 installed.

[tanmoy](#) 18 posts since

Jan 29, 2009 1. **Re: Alert upon reaching 80% volume space utilization** Jul 2, 2009 9:20 PM

Hi Edwin,

Operations Manager has volume level thresholds which can help you in this case. The default thresholds for volumes are set at 80%( nearly full threshold--warning alert) and 90% ( full threshold-error alert). In your case if the LUN were space reserved and the size of the LUN were same as volume size; then you would have got always error alerts because it's 100% used.

Alert upon reaching 80% volume space...

But as your LUN is not space reserved; you should see the alerts as warning or error when LUN used space approaches to 80% or 90% of volumes space. If you are using Operations Manager then you can get those alerts easily.

Thanks

Tanmoy

[egono@equicom.com](mailto:egono@equicom.com) 3 posts since

Jun 15, 2009 2. **Re: Alert upon reaching 80% volume space utilization** Jul 5, 2009 5:50 PM

Hi Tanmoy,

Thanks for your support, by the way is there any other options that may address my concern?

Edwin Gono

[rbalaji](mailto:rbalaji) 7 posts since

Jan 18, 2009 3. **Re: Alert upon reaching 80% volume space utilization** Jul 5, 2009 10:17 PM

Hi Edwin,

You can tweak the global options 'volFullThreshold' (by default 90) or 'VolNearlyFullThreshold' (by default 80) to suit your environment.

(Refer dfm option set help).

Alert upon reaching 80% volume space...

And set the alarms (e.g: could be email) from DFM for these event types.

You can as well configure these options at individual volume level (dfm volume set help).

[egono@equicom.com](mailto:egono@equicom.com) 3 posts since

Jun 15, 2009 4. **Re: Alert upon reaching 80% volume space utilization** Jul 5, 2009 10:30 PM

Hi Balaji,

Thanks for your support.

I think DFM or Data Fabric Manager is an older version of Operations Manager.

It was already suggested by Sir Tanmoy on his post.

How about using the autosupport tool to issue an alert if I am nearing the 80% volume space utilization. Is there a way that I can set a threshold on volume options? Do you think this option can possibly work?

Thanks.

[rbalaji](mailto:rbalaji) 7 posts since

Jan 18, 2009 5. **Re: Alert upon reaching 80% volume space utilization** Jul 5, 2009 11:03 PM

Hi Edwin,

Operations Manager is the new name for the DataFabric Manager web interface.

Alert upon reaching 80% volume space...

<<<< How about using the autosupport tool to issue an alert if I am nearing the 80% volume space utilization.

Which autosupport tool are you referring to ?

Instead you can use DFM alarms.

From Operations Manager Web UI, Navigate to 'Control Center'->Home->Setup->Alarms and create an alarm for the required event (Volume Almost Full in your case).

<<<< Is there a way that I can set a threshold on volume options?

Its mentioned in my earlier post. You can set these options at volume level. Refer 'dfm volume set help'