



Managing an Archive Node when TSM server reaches capacity

StorageGRID

NetApp

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Managing an Archive Node when TSM server reaches capacity

The TSM server has no way to notify the Archive Node when either the TSM database or the archival media storage managed by the TSM server is nearing capacity. The Archive Node continues to accept object data for transfer to the TSM server after the TSM server stops accepting new content. This content cannot be written to media managed by the TSM server. An alarm is triggered if this happens. This situation can be avoided through proactive monitoring of the TSM server.

What you'll need

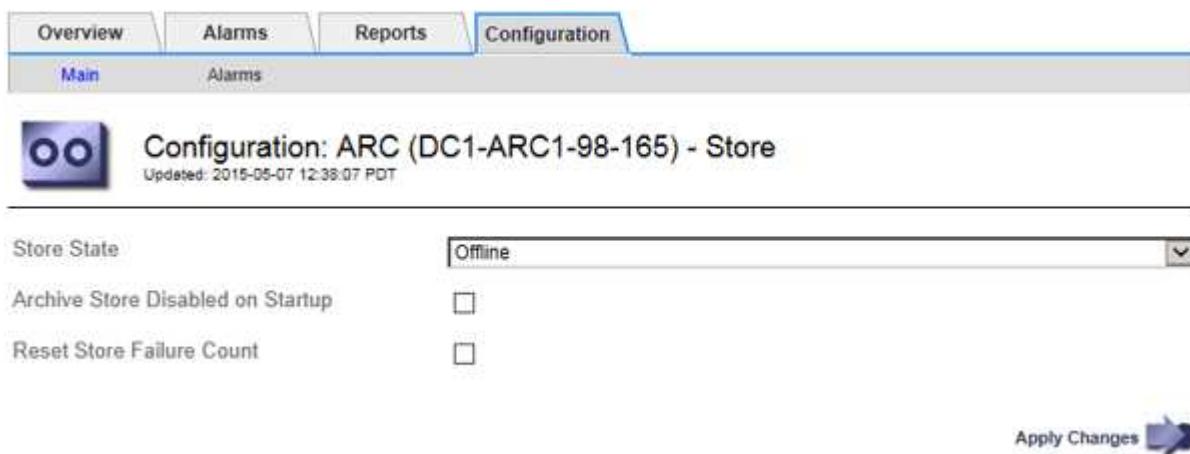
- You must be signed in to the Grid Manager using a supported browser.
- You must have specific access permissions.

About this task

To prevent the ARC service from sending further content to the TSM server, you can take the Archive Node offline by taking its **ARC > Store** component offline. This procedure can also be useful in preventing alarms when the TSM server is unavailable for maintenance.

Steps

1. Select **Support > Tools > Grid Topology**.
2. Select **Archive Node > ARC > Store**.
3. Select **Configuration > Main**.



Configuration: ARC (DC1-ARC1-98-165) - Store
Updated: 2015-05-07 12:39:07 PDT

Store State	<input checked="" type="button"/> Offline
Archive Store Disabled on Startup	<input checked="" type="checkbox"/>
Reset Store Failure Count	<input checked="" type="checkbox"/>

Apply Changes 

4. Change **Store State** to Offline.
5. Select **Archive Store Disabled on Startup**.
6. Click **Apply Changes**.

Setting Archive Node to read-only if TSM middleware reaches capacity

If the targeted TSM middleware server reaches capacity, the Archive Node can be optimized to only perform retrievals.

What you'll need

- You must be signed in to the Grid Manager using a supported browser.
- You must have specific access permissions.

Steps

1. Select **Support > Tools > Grid Topology**.
2. Select **Archive Node > ARC > Target**.
3. Select **Configuration > Main**.
4. Change Maximum Retrieve Sessions to be the same as the number of concurrent sessions listed in Number of Sessions.
5. Change Maximum Store Sessions to 0.



Changing Maximum Store Sessions to 0 is not necessary if the Archive Node is Read-only. Store sessions will not be created.

6. Click **Apply Changes**.

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