Capacity Tiers

ONTAP Select

NetApp
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Capacity Tiers

Considerations for sizing an ONTAP Select Capacity Tiers license

The Capacity Tiers license is based on the underlying disk capacity managed by each ONTAP Select node and not the usable capacity of the node, HA-pair, or cluster. Each Capacity Tiers license is assigned to an individual node serial number for a specified capacity and requires an accompanying support contract.

The licensed capacity for a Capacity Tiers license is in full TiB amounts, with a minimum of 1 TiB. You calculate the licensed capacity by multiplying the amount of usable space by the overhead factor. The overhead factor differs between a single-node and multi-node (HA-pair based) clusters:

- Overhead factor for single-node clusters is 1.13
- Overhead factor for multi-node clusters is 2.67

Calculate the licensed capacity based on the usable space to ensure you have enough for your deployment.

Description	Single node	HA pair
Usable space	10 TiB	5 TiB per node 10 TiB for HA pair
Licensed space	12 TiB (10 x 1.13 = 11.3, round up to next full TiB)	Two 14 TiB licenses (5 x 2.67 = 13.35, round up to next full TiB)
Maximum usable space per node **Note**: The maximum managed space per node or HA pair is 400 TiB	353 TiB (400 / 1.13)	Per node in a HA pair: • 74 TiB [(400 / 2) / 2.67] Per HA pair in a multi-node cluster: • Two-node: 148 TiB (2 x 74) • Four-node: 296 TiB (4 x 74) • Six-node: 444 TiB (6 x 74) • Eight-node: 592 TiB (8 x 74)

What's next

Acquire a Capacity Tier license for ONTAP Select

Acquire an ONTAP Select Capacity Tier license

When using Capacity Tiers licensing, you need to acquire a license file for each ONTAP Select node. The license file defines the storage capacity for the node and is locked to

the node through the unique nine-digit serial number assigned by NetApp.

Before you begin

- You must have the nine-digit license serial number assigned to the ONTAP Select node by NetApp.
- You should wait at least 24 hours after the shipped date of your purchase order before acquiring a license file.
- You have reviewed the considerations for sizing a Capacity Tiers license.

About this task

You must perform this task for each ONTAP Select node requiring a Capacity Tiers license.

Steps

1. Access the ONTAP Select license site.
2. Sign in using your NetApp account credentials.
3. On the **License Generator** page, select the desired license offering from the dropdown box.
4. Fill in the remaining fields on the **License Generator** page, including the **Product Serial #**.

   The "product serial #" is the serial number for the ONTAP Select node.

5. Select **Submit**.
6. After the request has been validated, select the delivery method for the license.

   You can select either **Download License** or **Email License**.

7. Confirm that you received the license file based on your selected delivery method.

After you finish

You must upload the license file to the Deploy administration utility before it can be applied to an ONTAP Select node.

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