



# **Save storage space using compression, compaction, and deduplication**

## **ONTAP 9**

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# Save storage space using compression, compaction, and deduplication

For volumes on non-AFF clusters, you can run deduplication, data compression, and data compaction together or independently to achieve optimal space savings.

- Deduplication eliminates duplicate data blocks.
- Data compression compresses the data blocks to reduce the amount of physical storage that is required.
- Data compaction stores more data in less space to increase storage efficiency.



These tasks are supported for volumes on non-AFF clusters. Beginning with ONTAP 9.2, all inline storage efficiency features, such as inline deduplication and inline compression, are enabled by default on AFF volumes.

## Steps

1. Click **Storage > Volumes**.
2. Next to the name of the volume for which you want to save storage, click .
3. Click **Edit** and scroll to **Storage Efficiency**.
4. *Optional:* If you want to enable background deduplication, ensure the checkbox is checked.
5. *Optional:* If you want to enable background compression, specify the storage efficiency policy and ensure the checkbox is checked.
6. *Optional:* If you want to enable inline compression, ensure the checkbox is checked.

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