



# Provision buckets

## ONTAP System Manager

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Add an S3 bucket for the new S3 object store or add additional buckets to an existing object store.

For remote client access, you must configure buckets in an S3-enabled storage VM. If you create a bucket in a storage VM that is not S3-enabled, it will only be available for local tiering.



Beginning in ONTAP 9.8, when you provision storage, QoS is enabled by default. You can disable QoS or choose a custom QoS policy during the provisioning process or at a later time.

## Steps

1. Add a new bucket on an S3-enabled storage VM.
  - a. Click **Storage > Buckets**, then click **Add**.
  - b. Enter a name, select the storage VM, and enter a size.
    - If you click **Save** at this point, a bucket is created with these default settings:
      - No users are granted access to the bucket unless any group policies are already in effect.



You should not use the S3 root user to manage ONTAP object storage and share its permissions, because it has unlimited access to the object store. Instead, create a user or group with administrative privileges that you assign.

- A Quality of Service (performance) level that is the highest available for your system.
  - You can click **More Options** to configure user permissions and performance level when you configure the bucket, or you can modify these settings later.
    - You must have already created user and groups before using **More Options** to configure their permissions.
    - If you intend to use the S3 object store for FabricPool tiering, consider selecting **Use for tiering** (use low-cost media with optimal performance for the tiered data) rather than a performance service level.
2. On S3 client apps – another ONTAP system or an external 3rd-party app – verify access to the new bucket by entering the following:
    - The S3 server CA certificate.
    - The user's access key and secret key.
    - The S3 server FQDN name and bucket name.

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