Manage buckets

Astra

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Manage the buckets that Astra uses for backups and clones by adding additional buckets and by changing the default bucket for the Kubernetes clusters in your cloud provider.

Only Admins can add and modify buckets.

How Astra Control uses buckets

When you start managing your first Kubernetes cluster, Astra Control Service creates the default bucket for your cloud provider in the same geography as the managed cluster.

Astra Control Service uses this default bucket for the backups and clones that you create. You can then use the backups to restore and clone apps between clusters.

If you add additional buckets to Astra Control Service, you can select from those buckets when you create a protection policy. You can also change the default bucket that Astra Control Service uses for ad-hoc backups and clones.

Astra Control Service checks whether a destination bucket is accessible prior to starting a backup or a clone.

View existing buckets

View the list of buckets that are available to Astra Control Service to determine their status and to identify the default bucket for your cloud provider.

A bucket can have any of the following states:

Pending
: After you add a bucket, it starts in the pending state while Astra Control looks at it for the first time.

Available
: The bucket is available for use by Astra Control.

Removed
: The bucket isn't operational at the moment. Hover your mouse over the status icon to identify what the problem is.

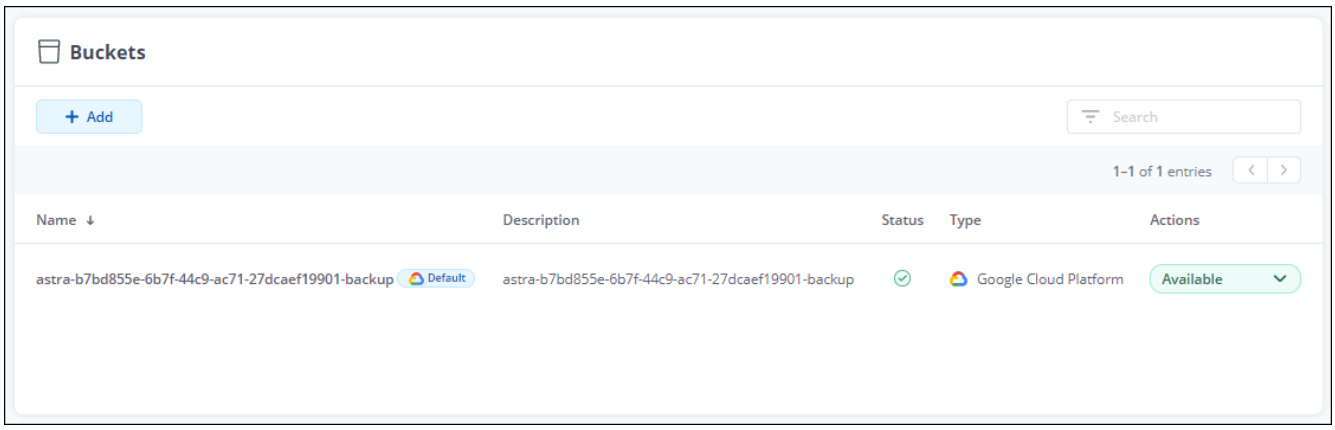
  If a bucket is in the Removed state, you can still set it as the default bucket and assign it to a protection schedule. But if the bucket isn't in the Available state by the time a data protection operation starts, then that operation will fail.

Step

1. Under **Manage your storage**, click **Buckets**.

   The list of buckets available to Astra Control Service displays.

   As you can see from the following example, there is only one bucket available: the default bucket that Astra created.



Add an additional bucket

After you start managing a cluster in your cloud provider, you can add additional buckets at any time. This enables you to choose between buckets when creating a protection policy and to change the default bucket for ad-hoc backups and clones.

Note that Astra Control Service doesn't enable you to remove a bucket after you've added it.

What you'll need

- The name of an existing bucket in your cloud provider.
- If your bucket is in Azure, it must belong to the resource group named *astra-backup-rg*.

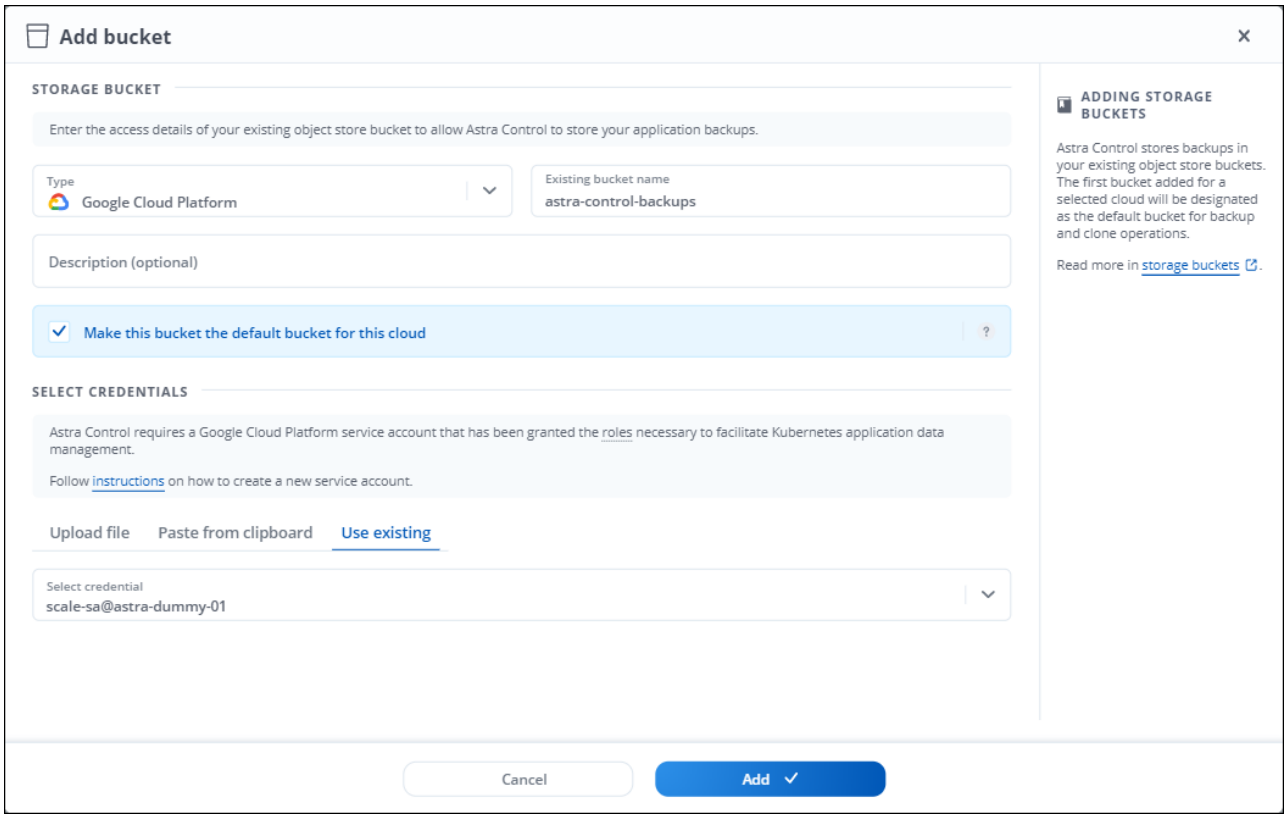
Steps

1. Under **Manage your storage**, click **Buckets**.
2. Click **Add** and follow the prompts to add the bucket.
   - **Type**: Choose your cloud provider.

     Your cloud provider is available only after Astra Control Service has started managing a cluster that's running in that cloud provider.

   - **Existing bucket name**: Enter the name of the bucket.
   - **Description**: Optionally enter a description of the bucket.
   - **Make this bucket the default bucket for this cloud**: Choose whether you would like to use this bucket as the default bucket for ad-hoc backups and clones.
   - **Select credentials**: Choose the credentials that provide Astra Control Service with the permissions that it needs to manage the bucket.

     Here's an example that shows adding a new bucket in Google Cloud Platform.



3. Click **Add** to add the bucket.

Result

Astra Control Service adds the additional bucket. You can now choose the bucket when creating a protection policy.

Change the default bucket

Change the default bucket that Astra Control Service should use for backups and clones. Each cloud provider has its own default bucket.

Astra Control Service uses the default bucket for a cloud provider for ad-hoc backups and for ad-hoc clones when you don’t choose to clone from an existing backup.

Steps

1. Under **Manage your storage**, click **Buckets**.
2. Click the drop-down list in the **Actions** column for the bucket that you want to edit.
3. Select **Make this bucket the default bucket for this cloud**.
4. Click **Update**.