



# **What's new with Astra Control Service**

## **Astra**

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# What's new with Astra Control Service

NetApp periodically updates Astra Control Service to bring you new features, enhancements, and bug fixes.

## 5 Aug 2021

This release includes the following new features and enhancements.

### Astra Control Center

Astra Control is now available in a new deployment model. *Astra Control Center* is self-managed software that you install and operate in your data center so that you can manage Kubernetes application lifecycle management for on-premise Kubernetes clusters.

[Go to the Astra Control Center documentation to learn more.](#)

### Bring your own bucket

You can now 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.

[Learn more about managing buckets.](#)

## 2 June 2021

This release includes bug fixes and the following enhancements to Google Cloud support.

### Support for shared VPCs

You can now manage GKE clusters in GCP projects with a shared VPC network configuration.

### Persistent volume size for the CVS service type

Astra Control Service now creates persistent volumes with a minimum size of 300 GiB when using the CVS service type.

[Learn how Astra Control Service uses Cloud Volumes Service for Google Cloud as the backend storage for persistent volumes.](#)

### Support for Container-Optimized OS

Container-Optimized OS is now supported with GKE worker nodes. This is in addition to support for Ubuntu.

[Learn more about GKE cluster requirements.](#)

## 15 Apr 2021

This release includes the following new features and enhancements.

## Support for AKS clusters

Astra Control Service can now manage apps that are running on a managed Kubernetes cluster in Azure Kubernetes Service (AKS).

[Learn how to get started.](#)

## REST API

The Astra Control REST API is now available for use. The API is based on modern technologies and current best practices.

[Learn how to automate application data lifecycle management using the REST API.](#)

## Annual subscription

Astra Control Service now offers a *Premium Subscription*.

Pre-pay at a discounted rate with an annual subscription that enables you to manage up to 10 apps per *application pack*. Contact NetApp Sales to purchase as many packs as needed for your organization—for example, purchase 3 packs to manage 30 apps from Astra Control Service.

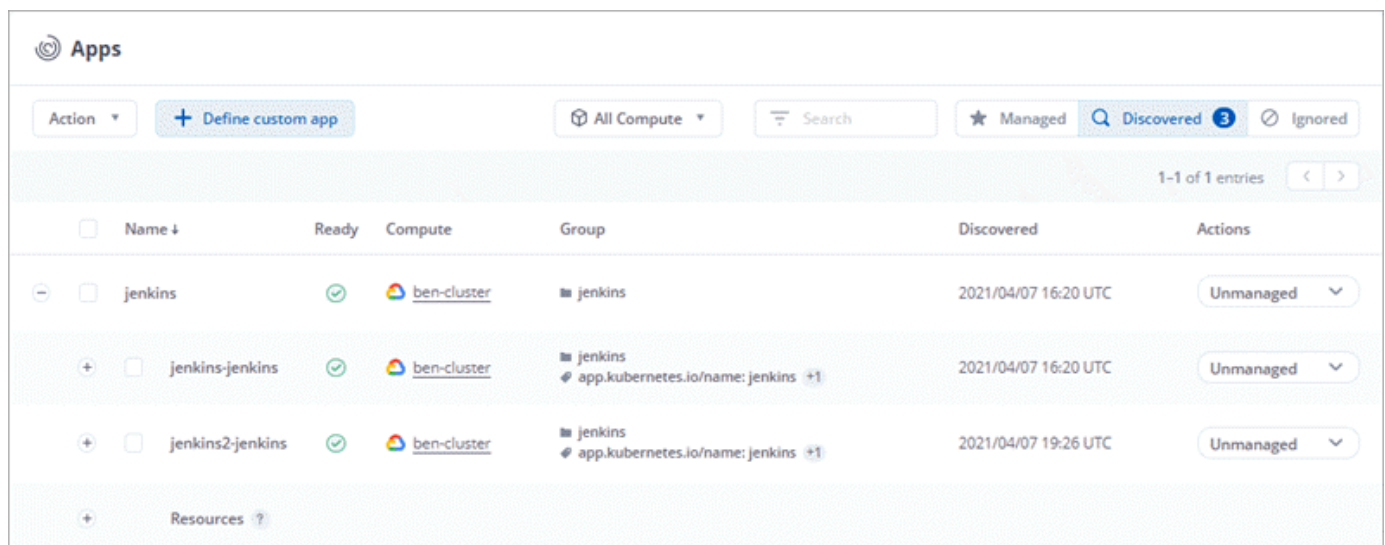
If you manage more apps than allowed by your annual subscription, then you'll be charged at the overage rate of \$0.005 per minute, per application (the same as Premium PayGo).

[Learn more about Astra Control Service pricing.](#)

## Namespace and app visualization

We enhanced the Discovered Apps page to better show the hierarchy between namespaces and apps. Just expand a namespace to see the apps contained in that namespace.

[Learn more about managing apps.](#)



The screenshot shows the 'Apps' management interface. At the top, there's a header with 'Apps' and a search bar. Below the header, there's a table of discovered applications. The table has columns for 'Name', 'Ready', 'Compute', 'Group', 'Discovered', and 'Actions'. The first row shows 'jenkins' with a green checkmark in the 'Ready' column, 'ben-cluster' in the 'Compute' column, and 'jenkins' in the 'Group' column. The second row shows 'jenkins-jenkins' with a green checkmark in the 'Ready' column, 'ben-cluster' in the 'Compute' column, and 'jenkins' in the 'Group' column. The third row shows 'jenkins2-jenkins' with a green checkmark in the 'Ready' column, 'ben-cluster' in the 'Compute' column, and 'jenkins' in the 'Group' column. The 'Discovered' column shows the timestamp '2021/04/07 16:20 UTC' for the first two rows and '2021/04/07 19:26 UTC' for the third row. The 'Actions' column shows 'Unmanaged' for all three rows.

Name	Ready	Compute	Group	Discovered	Actions
jenkins	✓	ben-cluster	jenkins	2021/04/07 16:20 UTC	Unmanaged
jenkins-jenkins	✓	ben-cluster	jenkins app.kubernetes.io/name: jenkins	2021/04/07 16:20 UTC	Unmanaged
jenkins2-jenkins	✓	ben-cluster	jenkins app.kubernetes.io/name: jenkins	2021/04/07 19:26 UTC	Unmanaged

## User interface enhancements

Data protection wizards were enhanced for ease of use. For example, we refined the Protection Policy wizard

to more easily view the protection schedule as you define it.

**Configure Protection Policy** STEP 1/2: DETAILS

**PROTECTION SCHEDULE**

**Hourly** Every hour on the 0th minute, keep the last 4 snapshots

**Daily** Daily at 02:00 (UTC), keep the last 15 snapshots

**Weekly** Weekly on Mondays at 02:00 (UTC), keep the last 26 snapshots

**Monthly** Every 1st of the month at 02:00 (UTC), keep the last 12 backups

● Hourly ● Daily ● Weekly ● **Monthly**

Day(s) of Month: 1 X

Time (UTC): 02:00

Snapshots to keep: 0

Backups to keep: 12

**OVERVIEW**

**Schedule and Retention**

Define a policy to continuously protect your application on a schedule and configure a retention count to get started.

For select stateful applications expect IO to pause for a short period of time during a backup or snapshot operation.

Read more in [Protection Policies](#).

Application: jenkins-jenkins

Namespace: jenkins

Labels: app.kubernetes.io/name: jenkins, app.kubernetes.io/instance: jenkins

Compute: ben-cluster

Cancel Review Information →

## Activity enhancements

We've made it easier to view details about the activities in your Astra Control account.

- Filter the activity list by managed app, severity level, user, and time range.
- Download your Astra Control account activity to a CSV file.
- View activities directly from the Compute page or the Apps page after selecting compute or an app.

[Learn more about viewing your account activity.](#)

## 1 Mar 2021

Astra Control Service now supports the [CVS service type](#) with Cloud Volumes Service for Google Cloud. This is in addition to already supporting the *CVS-Performance* service type. Just as a reminder, Astra Control Service uses Cloud Volumes Service for Google Cloud as the backend storage for your persistent volumes.

This enhancement means that Astra Control Service can now manage app data for Kubernetes clusters that are running in *any Google Cloud region where Cloud Volumes Service is supported*.

If you have the flexibility to choose between Google Cloud regions, then you can pick either CVS or CVS-Performance, depending on your performance requirements. [Learn more about choosing a service type.](#)

## 25 Jan 2021

We're pleased to announce that Astra Control Service is now Generally Available. We incorporated a lot of the feedback that we received from the Beta release and made a few other notable enhancements.


- Billing is now available, which enables you to move from the Free Plan to the Premium Plan. [Learn more about billing](#).
- Astra Control Service now creates Persistent Volumes with a minimum size of 100 GiB when using the CVS-Performance service type.
- Astra Control Service can now discover apps faster.
- You can now create and delete accounts on your own.
- We've improved notifications when Astra Control Service can no longer access Kubernetes compute.


These notifications are important because Astra Control Service can't manage apps for disconnected compute.

## 17 Dec 2020 (Beta update)

We primarily focused on bug fixes to improve your experience, but we made a few other notable enhancements:

- When you add your first Kubernetes compute to Astra Control Service, the object store is now created in the geography where the cluster resides.
- Details about persistent volumes is now available when you view storage details at the compute level.

 **kevin-preview-clus3**

Available 

Version  
v1.17.13-gke.2600


Created  
2020/12/17 04:14 UTC


Location  
northamerica-northeast1


Provisioners  
Trident 20.10.0



Overview

Storage

 Search

 Persistent Volumes

 Storage Classes

1-4 of 4 entries  

Name	Volume UID	Size	Storage Class	Created ↑	State
data-mariadb-kevin-kevin-preview-clus3-0		<u>0 B/0 B : 0%</u>	<u>netapp-cvs-perf-standard</u>	N/A	Available
data-mariadb-kevin-kevin-preview-clus3-0		<u>0 B/0 B : 0%</u>	<u>netapp-cvs-perf-standard</u>	N/A	Available
data-mysql-kevin-kevin-preview-clus3-0		<u>0 B/0 B : 0%</u>	<u>netapp-cvs-perf-standard</u>	N/A	Available
data-postgres-kevin-kevin-preview-clus3-postgresql-0		<u>0 B/0 B : 0%</u>	<u>netapp-cvs-perf-standard</u>	N/A	Available

- We added an option to restore an application from an existing snapshot or backup.

Overview <b>Data protection</b> Storage   Resources				
<div> <div>Actions ▾</div> <div>Configure Protection Policy</div> </div>		<div> <div>Search</div> <div>Snapshots Backups</div> </div>		26-29 of 29 entries
<input type="checkbox"/> Name	Ready	On-Schedule/On-Demand	Created ↑	Actions
<input type="checkbox"/> ns-postgres-kevin-kevin-preview-clus3-snapshot-20201217103001	✓	🕒 On-Schedule	2020/12/17 10:30 UTC	Available ✓
<input type="checkbox"/> ns-postgres-kevin-kevin-preview-clus3-snapshot-20201217183636	⚠	🕒 On-Schedule	2020/12/17 18:36 UTC	<div> <div>Backup</div> <div>Restore application</div> <div>Delete snapshot</div> <div>Failed</div> </div>
<input type="checkbox"/> ns-postgres-kevin-kevin-preview-clus3-snapshot-20201217154314	⚠	🕒 On-Schedule	2020/12/17 15:43 UTC	

- If you delete a Kubernetes cluster that Astra Control Service is managing, the cluster now shows up in a **Removed** state. You can then remove the cluster from Astra Control Service.
- Account owners can now modify the assigned roles for other users.
- We added a section for billing, which will be enabled when Astra Control Service is released for General Availability (GA).

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