



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

### **Astra**

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# What's new with Astra

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

## 15 Apr 2021

This release includes the following new features and enhancements.

### Support for AKS clusters

Astra 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 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 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.

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 pricing.](#)

### Min volume size of 100 GiB

Astra now creates Persistent Volumes with a minimum size of 100 GiB when using the CVS service type with GKE clusters. With this change, 100 GiB is now the default volume size for all types of backend storage (Google Cloud and Microsoft Azure).

- [Learn more about storage for GKE clusters](#)
- [Learn more about storage for AKS clusters](#)

### 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.](#)

Apps

Action

+ Define custom app

All Compute

Search

Managed

Discovered 3

Ignored

1-1 of 1 entries

<input type="checkbox"/>	Name ↓	Ready	Compute	Group	Discovered	Actions
<input type="checkbox"/>	jenkins			jenkins	2021/04/07 16:20 UTC	Unmanaged
<input type="checkbox"/>	jenkins-jenkins			jenkins app.kubernetes.io/name: jenkins +1	2021/04/07 16:20 UTC	Unmanaged
<input type="checkbox"/>	jenkins2-jenkins			jenkins app.kubernetes.io/name: jenkins +1	2021/04/07 19:26 UTC	Unmanaged
<input type="checkbox"/>	Resources ?					

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

Time (UTC)

Snapshots to keep

Backups to keep

1 X

02:00

0

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 account.

- Filter the activity list by managed app, severity level, user, and time range.

2

- Download your Astra 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 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 uses Cloud Volumes Service for Google Cloud as the backend storage for your persistent volumes.

This enhancement means that Astra 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 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 now creates Persistent Volumes with a minimum size of 100 GiB when using the CVS-Performance service type.
- Astra can now discover apps faster.
- You can now create and delete accounts on your own.
- We've improved notifications when Astra can no longer access Kubernetes compute.

These notifications are important because Astra 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, 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	0 B/0 B : 0%	netapp-cvs-perf-standard	N/A	Available	
data-mariadb-kevin-kevin-preview-clus3-0	0 B/0 B : 0%	netapp-cvs-perf-standard	N/A	Available	
data-mysql-kevin-kevin-preview-clus3-0	0 B/0 B : 0%	netapp-cvs-perf-standard	N/A	Available	
data-postgres-kevin-kevin-preview-clus3-postgresql-0	0 B/0 B : 0%	netapp-cvs-perf-standard	N/A	Available	

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

Overview

Data protection

Storage

Resources

Actions

Configure Protection Policy

Search

Snapshots

Backups

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>
<input type="checkbox"/>	ns-postgres-kevin-kevin-preview-clus3-snapshot-20201217154314	⚠	On-Schedule	2020/12/17 15:43 UTC	<div> <div>Backup</div> <div>Restore application</div> <div>Delete snapshot</div> </div>

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

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