



What's new with Astra Control Service

Astra

Ben Cammett
June 08, 2021

This PDF was generated from <https://docs.netapp.com/us-en/astra/release-notes/whats-new.html> on July 12, 2021. Always check docs.netapp.com for the latest.

Table of Contents

- What's new with Astra Control Service 1
 - 2 June 2021 1
 - 15 Apr 2021 1
 - 1 Mar 2021 3
 - 25 Jan 2021 3
 - 17 Dec 2020 (Beta update) 4

What's new with Astra Control Service

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

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.

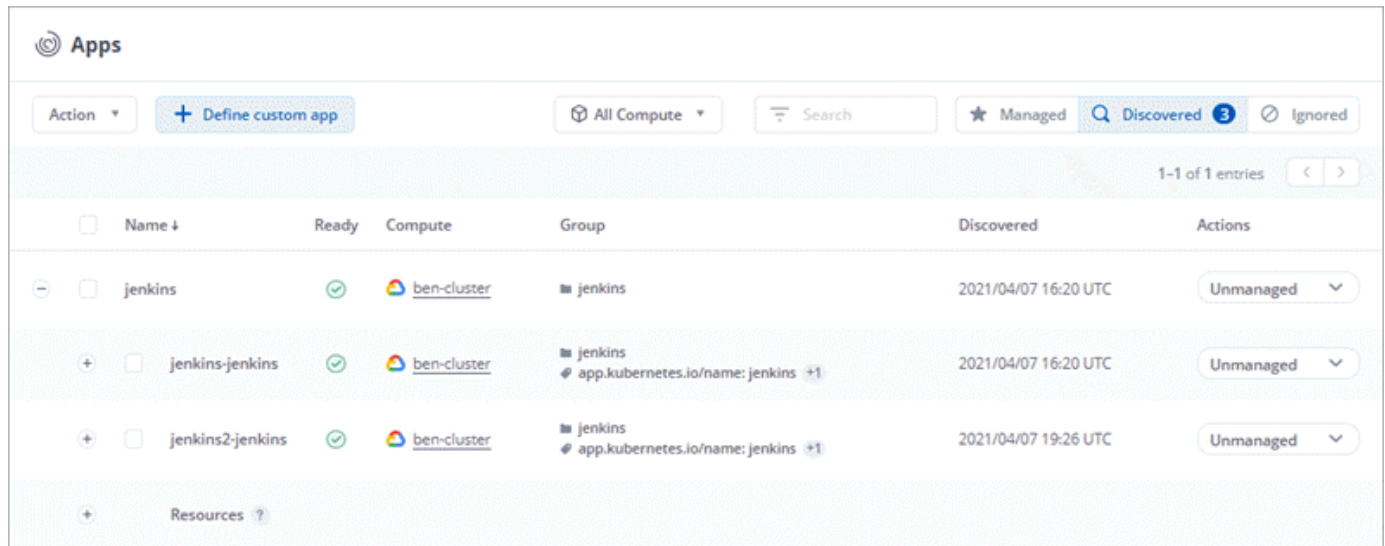
If you manage more apps than allowed by your annual subscription, then you'll be charged at the overage rate of \$0.005 per minute, per application (the same as Premium PayGo).

[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 the 'Apps' title and a '+ Define custom app' button. Below this is a filter bar with 'All Compute', a search box, and tabs for 'Managed', 'Discovered' (selected, with a count of 3), and 'Ignored'. The main table has columns: Name, Ready, Compute, Group, Discovered, and Actions. It lists three entries under the 'jenkins' namespace, including sub-namespaces like 'jenkins-jenkins' and 'jenkins2-jenkins'. Each entry shows its status (Ready), the compute resource it's on ('ben-cluster'), the group it belongs to, the discovery timestamp, and an 'Unmanaged' action button. A 'Resources' link is at the bottom.

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		<div>0 B/0 B : 0%</div>	<div>netapp-cvs-perf-standard</div>	N/A	<div>Available</div>
data-mariadb-kevin-kevin-preview-clus3-0		<div>0 B/0 B : 0%</div>	<div>netapp-cvs-perf-standard</div>	N/A	<div>Available</div>
data-mysql-kevin-kevin-preview-clus3-0		<div>0 B/0 B : 0%</div>	<div>netapp-cvs-perf-standard</div>	N/A	<div>Available</div>
data-postgres-kevin-kevin-preview-clus3-postgresql-0		<div>0 B/0 B : 0%</div>	<div>netapp-cvs-perf-standard</div>	N/A	<div>Available</div>

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

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

- 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).

Copyright Information

Copyright © 2021 NetApp, Inc. All rights reserved. Printed in the U.S. No part of this document covered by copyright may be reproduced in any form or by any means-graphic, electronic, or mechanical, including photocopying, recording, taping, or storage in an electronic retrieval system-without prior written permission of the copyright owner.

Software derived from copyrighted NetApp material is subject to the following license and disclaimer:

THIS SOFTWARE IS PROVIDED BY NETAPP "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL NETAPP BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

NetApp reserves the right to change any products described herein at any time, and without notice. NetApp assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by NetApp. The use or purchase of this product does not convey a license under any patent rights, trademark rights, or any other intellectual property rights of NetApp.

The product described in this manual may be protected by one or more U.S. patents, foreign patents, or pending applications.

RESTRICTED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.277-7103 (October 1988) and FAR 52-227-19 (June 1987).

Trademark Information

NETAPP, the NETAPP logo, and the marks listed at <http://www.netapp.com/TM> are trademarks of NetApp, Inc. Other company and product names may be trademarks of their respective owners.