Release notes

Astra Data Store

NetApp
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Release notes

We're pleased to announce the 21.12 preview release of Astra Data Store preview.

- What's new in this release of Astra Data Store preview
- Known issues
- Known limitations

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What's new in this release of Astra Data Store

We're pleased to announce the 2021.12.1 patch of the preview release of Astra Data Store.

08 February 2022 (2021.12.1)

Patch release (2021.12.1) for the Astra Data Store preview (21.12).

- With this release, Astra Data Store preview supports VXLAN configurations with Calico CNI.
- Calico WireGuard enabled network configurations are now supported by Astra Data Store preview.
- Updated AstraDSCluster.yaml `adsNetworkInterfaces` section includes improved, descriptive comments.
- New Astra Data Store uninstall script now provided as an easier alternative to the kubectl command uninstall process.

21 December 2021 (21.12)

Initial release of Astra Data Store preview.

- What it is
- Deployment models and components
- What it takes to get started
- Install and setup
- Manage and monitor performance
- Monitor with Cloud Insights
- Get help and use automatic support monitoring

Find more information

- Known issues
- Known limitations
- NetApp Knowledge Base articles

Known issues

Known issues identify problems that might prevent you from using this preview release of the product successfully.

MongoDB deployment with default liveness probe value fails with pods in crash loop

As a workaround, set the liveness probe initialDelaySeconds to 600 seconds in the MongoDB deployment spec.

Astra Data Store preview uninstallation process might cause pods to remain in a terminating state

The Astra Data Store preview uninstall process in Kubernetes v1.20 can occasionally cause pods to remain in a terminating state.

See Uninstall Astra Data Store preview manually without a script or Uninstall Astra Data Store preview automatically with a script.

Find more information

- Known limitations

Known limitations

Known limitations identify platforms, devices, or functions that are not supported by this preview release of the product, or that do not interoperate correctly with it. Review these limitations carefully.

Functionality to remove one or more nodes is not supported

Astra Data Store preview supports replacing a failed node but does not support node removal functionality.

Functionality to add or remove drives is not supported

Astra Data Store preview supports replacing a failed drive but does not support adding or removing drives to or from an existing cluster.

Astra Data Store preview functionality is not validated with firewall enabled

Astra Data Store preview requires host firewalld to be disabled. Enabling firewall using CNI tools like Calico HostEndpoint has not been validated.

Upgrade or patch requires a fresh install

Astra Data Store preview is not targeted for production workloads.

Ubuntu-based bare-metal or VM passthrough deployments require NVMe TLC SSDs

This limitation is not applicable to RHEL, RHCOS, or CentOS-based deployments.

Find more information

- Known issues

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