



## **Release notes**

### **Astra Data Store**

NetApp  
May 16, 2022

# Table of Contents

- Release notes ..... 1
  - What's new in this release of Astra Data Store ..... 1
  - Known issues ..... 2
  - Known limitations ..... 2

# 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](#)

Follow us on Twitter [@NetAppDoc](#). Send feedback about documentation by becoming a [GitHub contributor](#) or sending an email to [doccomments@netapp.com](mailto:doccomments@netapp.com).

## 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](#)

## Copyright Information

Copyright © 2022 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.