



# Get started with ONTAP updates

## BlueXP software updates

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# Get started with ONTAP updates

## Learn about BlueXP software updates

You can update your ONTAP storage system to take advantage of the new and enhanced features by using the BlueXP software updates. This can help you reduce costs, accelerate critical workloads, and improve security.

The BlueXP software updates service enables customers to streamline ONTAP updates. It automates the assessment, planning, and execution processes. The intelligent upgrade advisor predicts which versions best fit the specific environment, recommending versions to remediate issues, improves efficiencies, and increases system security, allowing customers to determine the best option to meet their needs. Then it distributes the software package and automatically executes the automated non-distributive upgrade (ANDU), independent of support services.

## Supported systems

### ONTAP systems

You can complete the ONTAP update using BlueXP software updates service only if you are running on ONTAP 9.10 or later versions.

The following information provides the software update process for different ONTAP versions:

Current ONTAP version	Update process
9.12 and above	All steps of ONTAP update happen within BlueXP.
9.10 to 9.12	Preparation for ONTAP update happens within BlueXP Software updates screens. You will be navigated to System Manager to perform the actual ONTAP update. To execute all steps of ONTAP update within BlueXP, you need to <a href="#">set up a connector</a> .
9.8 to 9.10	Preparation for ONTAP update happens within BlueXP Software updates screens. You will be navigated to System Manager to perform the actual ONTAP update.
Below 9.7	Automated ONTAP update is not supported for this cluster. You need to update ONTAP manually. For more information, see <a href="#">manually update your storage systems</a> .

## Benefits of using BlueXP software updates

Updating your ONTAP storage system can help you improve the performance, security, and functionality of your storage system.

Some of the benefits of updating your ONTAP storage system are:

- You can access the latest features and enhancements that ONTAP offers, such as new protocols, data services, and cloud integration options.

- You can fix any bugs or vulnerabilities that may affect your system stability, reliability, or security.
- You can optimize your system performance and efficiency by applying the latest patches and improvements.
- You can ensure compatibility and interoperability with other NetApp products, third-party applications, and cloud providers.
- You can benefit from the ongoing support and maintenance that NetApp provides for the latest ONTAP OS versions.

## Cost

NetApp doesn't charge you for using the service.

## Prerequisites to update ONTAP using BlueXP software updates

Get started by verifying the readiness of your operational environment, login, network access, and web browser.

To use BlueXP software updates, you should ensure that your environment meets all requirements.

- Valid BlueXP account should be available.
- Working environment is set up in BlueXP.
- Administrator privileges are available to perform software update using System Manager.
- Administrator credentials are available for the desired cluster while performing software update.
- All the nodes in the cluster are sending AutoSupport data.
- All nodes should be running on ONTAP 9.10 or later versions.
- Nodes should not be in a MetroCluster configuration.

## Quick start to update ONTAP using BlueXP software updates

Here's an overview of the steps needed to get started with BlueXP software updates. The links within each step take you to a page that provides more details.

**1**

### Review prerequisites

[Ensure your environment meets these requirements.](#)

**2**

### Update your ONTAP storage system

You should complete all the tasks to update the ONTAP storage system.

- [Identify ONTAP target version.](#)
- [Fix and acknowledge blockers.](#)

- [Complete ONTAP storage system updates.](#)



### What's next?

After you update the ONTAP storage system, here's what you might do next.

[Validate the status of ONTAP storage system update.](#)

## Access BlueXP software updates

You can use BlueXP software updates by logging in to NetApp BlueXP.

To log in to BlueXP, you can use your NetApp Support Site credentials or you can sign up for a NetApp cloud login using your email and a password. [Learn more about logging in.](#)

### Steps

1. Open a web browser and go to the [BlueXP console](#).

The NetApp BlueXP login page appears.

2. Log in to BlueXP.
3. From the BlueXP left navigation, select **Health > Software updates**.

## Frequently asked questions for BlueXP software updates

This FAQ can help if you're just looking for a quick answer to a question.

### What's the BlueXP software updates URL?

For the URL, in a browser, enter: <https://console.bluexp.netapp.com/> to access the BlueXP console.

### Do you need a license to use BlueXP software updates?

A NetApp License File (NLF) is not required.

### Why am I not able to view the cluster in the history tab even after updating the ONTAP version of the cluster?

It takes 2 to 3 hours for the cluster to appear in the history tab. Once the ONTAP version of the cluster is updated, AutoSupport is generated. It takes 2 to 3 hours to process the AutoSupport data and reflect the latest version of ONTAP.

### Why am I seeing the older version of ONTAP in the software updates dashboard even after updating the ONTAP version of the cluster?

It takes 2 to 3 hours for the cluster to appear in the history tab. Once the ONTAP version of the cluster is updated, AutoSupport is generated. It takes 2 to 3 hours to process the AutoSupport data and reflect the latest version of ONTAP.

### Why am I seeing different screens for different updates?

This is due to the current ONTAP version and unavailability of BlueXP connector for clusters. A BlueXP

connector performs the ONTAP update within BlueXP and does not require you to move out of BlueXP for an update. For information about the ONTAP update process for different versions of ONTAP, see [Supported ONTAP systems](#).

### **What do I need to discover clusters?**

To perform ONTAP update for your desired cluster, you need the ONTAP cluster IP and the admin credentials for connecting to the cluster. As part of cluster discovery, you need to provide these details so that ONTAP update can be executed automatically.

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