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About this Guide

This document is designed to guide Cisco HyperFlex (HX) users who are currently running HX Release 3.5(2a) or later and want to upgrade their environment to a more recent HX release.

If your cluster is managed by Intersight, please refer to [Upgrading Cisco HyperFlex Edge Systems with Cisco Intersight](#).

On-premises HyperFlex upgrade:

- HyperFlex Data Platform Upgrades using HyperFlex Connect
- HyperFlex Edge Upgrades
- Upgrades for HyperFlex Stretched Clusters
- Split upgrade procedures

Determining the Correct Upgrade Path for my HX Deployment



Note Upgrades from HXDP Release 5.5(x) and earlier, should upgrade using the installer based upgrade.

Many of the upgrade tasks are the same for Edge and Stretched Cluster configurations, but there are differences that should be noted. Use the information below to navigate through this document based on your specific configuration.

1. Select the Cisco HyperFlex Data Center release currently running in your environment and follow the upgrade workflow for your specific upgrade.

| Cisco HyperFlex Data Center release currently running in your environment | Cisco Upgrade Guide |
|---|---|
| Cisco HX Release 4.5(2x) or 5.0(2x) and later. | Cisco HyperFlex System Upgrade Guide for VMware ESXi (this guide). Continue to the next table to select your Deployment type. |
| Cisco HX Release 3.5(2x), 4.0(x), 4.5(1x) or 5.0(1x) ¹ | Cisco HyperFlex System Upgrade Guide for VMware ESXi (this guide). Continue to the next table to select your Deployment type. |
| Cisco HX Release 3.5(1x) and earlier | Cisco HyperFlex Systems Upgrade Guide for Unsupported Cisco HX Releases |

¹ These releases have reached the end of their support, but the Cisco HyperFlex System Upgrade Guide for VMware ESXi (this guide) provides the proper upgrade workflow.

2. Verify the minimum supported version of ESXi (vSphere) for your target upgrade release, then proceed to step 3.

| Target Release | Minimum Supported Version of ESXi (vSphere) |
|-------------------|---|
| 3.5(1a) - 4.0(2x) | 6.0 U3 |
| 4.5(1a) -5.0(2x) | 6.5 U3 |
| 5.5(x) | 7.0 U2 |

3. Select your deployment type:

| Deployment Type | Link to chapter in this guide |
|---|--|
| Classic HyperFlex Deployment | Prerequisites for Upgrading HyperFlex Software |
| HyperFlex Edge Deployment | HyperFlex Edge Upgrade Overview |
| HyperFlex Edge Upgrade through Intersight | Upgrading Cisco HyperFlex Edge Systems with Cisco Intersight |
| HyperFlex Stretched Clusters | Stretched Cluster Upgrade Overview |

Upgrading from an Unsupported Cisco HyperFlex HX Data Platform Software Release

Cisco HyperFlex users who need to upgrade their environment from a Cisco HyperFlex HX Data Platform software release that is past the last date of support, to the latest suggested release on the Cisco Software Download site, should follow the upgrade steps for their current release as defined in the [Cisco HyperFlex Systems Upgrade Guide for Unsupported Cisco HX Releases](#) Guide. The steps in this guide are not applicable for clusters running older software