



## Overview

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Cisco HX Data Platform upgrade for clusters running on Microsoft Hyper-V is completed one node at a time in HX Connect UI. The following table provides a summary of the automated steps that DO NOT require manual intervention.

#	Step	Result
1	Pre-upgrade validations	<ul style="list-style-type: none"> <li>• Windows Failover Cluster is configured.</li> <li>• All non-clustered VMs are powered off. These VMs are either shutdown or manually migrated to another node.</li> <li>• HX Cluster is healthy.</li> </ul> <p>Run the <a href="#">Hypercheck: HyperFlex Health &amp; Pre-upgrade Check Tool - HyperV</a></p> <ul style="list-style-type: none"> <li>• Live migration is configured.</li> </ul>
2	Enter HX Connect Maintenance Mode	<ul style="list-style-type: none"> <li>• Pause the Failover Cluster node that in addition triggers Live migration of clustered VMs.</li> <li>• Stop the storfs service on the controller VM.</li> </ul>
3	Upgrade	<ul style="list-style-type: none"> <li>• Upgrade storfs packages in the controller VM.</li> <li>• Reboot the controller VM.</li> </ul>

#	Step	Result
4	Exit Maintenance Mode	<ul style="list-style-type: none"><li>• Start the storfs service on the controller VM.</li><li>• Resume Failover Cluster Node that will trigger failback for the clustered VMs in Step #2.</li></ul>