



Deployment Methods and Instructions

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Intersight Standalone Mode (ISM)

In an ISM deployment, nodes are connected to two Top-of-Rack (ToR) switches and do not require Fabric Interconnects (FIs). Only rack-mount servers are supported. Servers are centrally managed using Cisco Intersight.

- We recommend deploying three nodes for a standard Nutanix production cluster.
- Single node and two-node clusters can be deployed in Edge and branch locations with an existing high-performance network fabric.

For detailed cluster deployment instructions using ISM, see the [Cisco Compute Hyperconverged with Nutanix ISM Field Guide](#).

Intersight Managed Mode (IMM)

In an IMM deployment, nodes are connected to either two Cisco UCS® 6400 Series FIs or two Cisco UCS 6500 Series FIs. Both nodes and FIs are managed from Intersight using SaaS, Private Virtual Appliance (PVA), or Connected Virtual Appliance (CVA):

- Both C series rack mount and modular X-series servers are supported.
- We recommend deploying three nodes for a standard Nutanix production cluster.
- Single node and two-node clusters can be deployed in Edge and branch locations.

For detailed deployment instructions using IMM, see the [Cisco Compute Hyperconverged with Nutanix IMM Field Guide](#).

UCS Managed Mode (UMM)

In a UMM deployment, nodes are connected to either two Cisco UCS® 6400 Series FIs or two Cisco UCS 6500 Series FIs and managed as a single system using UCS Manager.



Note UMM is a legacy deployment method. We highly recommended the ISM or IMM deployment methods.

- We recommend deploying three nodes for a standard Nutanix production cluster.
- One-node and two-node clusters are not supported with UMM.

To deploy the servers using UMM, see the Cisco Compute Hyperconverged with [Nutanix UCS Managed Mode Field Guide](#).