

# Cisco UCS Kick Start Deployment

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## SERVICE OVERVIEW

The Cisco Data Center Unified Computing Implementation is a mentored, hands-on education service designed for system engineers, Data Center administrators, and architects implementing Cisco Unified Computing System B- and C-Series servers. The objectives of this service are to train your engineers to deploy, configure, and manage UCS servers with consolidated I/O networking for LAN and SAN connectivity.

The end result is a complete, UCS environment at your site that is implemented to meet your specific requirements in alignment with best practices. The UCS-certified OnX Engineer will provide a mentoring environment where your engineers will perform the UCS configuration. The engineers will learn how to complete implementation steps and operational functions, and best practices for building UCS environments.

This service combines product education with practical experience and knowledge transfer to provide a complete Mentored Deployment Service to rapidly provision your environment to provide immediate, measurable results.

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## METHODOLOGY

Service delivery includes the following phases:

- > **Planning.** We will apply standard methodology and best practices while planning the CISCO UCS implementation for your specific environment. Our goal is to make the new CISCO UCS ready to use and turn over to you a working system.
- > **Provisioning.** Our service engineers will configure the CISCO UCS components.
- > **Validation.** Validating that the equipment is ready for use requires successful verification testing. Validation includes executing the agreed upon validation test plan to ensure proper functionality of configured protocols.
- > **Service completion and knowledge transfer.** Upon completion of the implementation, our service professionals will transfer all necessary information to you, including the “as-built” document, so you can continue to support and maintain the new hardware in your environment.

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## SCOPE

- > One (1) pair of fabric inter-connect switches
- > Up to five (5) VLAN's
- > Up to two (2) chassis
- > Up to sixteen (16) blades
- > Up to five (5) service profiles

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## LIMITATIONS

- > Sufficient rack space, power and cooling exists to support the CISCO UCS infrastructure
- > OnX consultants will have the necessary access to facilities
- > The service will be delivered during standard business hours (9:00 AM to 5:00 PM Monday through Friday, excluding holidays) unless mutually agreed to by OnX and the Customer.
- > Customer will provide user ID parameters, passwords, required IP addresses and other related information, which may be required to complete this service.
- > Customer has all required software licenses and installation media.
- > The engagement will begin on a mutually acceptable date.
- > OnX is not responsible for product related defects and assumes that bugs in manufacturer software, hardware, and specifications are the responsibility of that manufacturer.
- > Cabling will be completed prior to the OnX consulting coming onsite.
- > Some portions of this service brief that do not require physical access to the Customer's systems may be performed remotely.

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## TASKS

- > Define the implementation architecture
- > Install CISCO UCS equipment into customer provided rack
- > Connect fabric inter-connect cluster to the network
  - Configure equipment policy
  - Configure ports
  - Update firmware
  - Create KVM IP pool
  - Create sub-organization
  - Create a server pool
  - Create a UUID suffix pool
  - Create MAC pools
  - Create WWNN pools
  - Create network control policy
  - Create up to ten (10) VLAN's
  - Create up to five (5) VSAN's
  - Create vNIC templates
  - Create vHBA templates
  - Create BIOS policy
  - Create host firmware policy
  - Create local disk configuration policy
  - Create maintenance policy
  - Create boot policy
  - Create up to five (5) service profile templates
- > Install blades into chassis
- > Deploy service profiles
- > Validate operability

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## DELIVERABLES

- > Architecture diagram
- > Solution configured per design
- > As-built documentation

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## RELATED SERVICES

OnX Professional Services can assist you in any and every phase of the network lifecycle. Whether you need help planning a new infrastructure, upgrading an existing infrastructure, or want to optimize your existing infrastructure, OnX Professional Services personnel have the skills and expertise to assist. OnX offers a complete portfolio of related services, including assessments, planning and design, implementation, and troubleshooting and support services.

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## ACCEPTANCE

Service is deemed accepted upon notification to customer from OnX of completion of service scope activities listed above.

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## TERMS AND CONDITIONS

Unless otherwise agreed to in writing by the parties in a document effective as of the date hereof, these products and services are offered subject to the applicable terms, conditions and agreements and the OnX Standard Terms and Conditions of Sale (U.S) available at: [www.onx.com/TermsAndConditionsOfSale/](http://www.onx.com/TermsAndConditionsOfSale/) . Prices may not include taxes, or insurance charges, if any.