

VMware Cloud Foundation New Deployment

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Implementation Deliverables

- Review of pre-installation design requirements for VCF:
 - vCenter, vSphere, vSAN, NSX, Aria Suite, SDDC Manager
- Completion of the VCF Planning and Preparation Workbook
- Physical unboxing, racking, and cabling up to eight server nodes and two TOR switches
- Imaging up to eight server nodes and two TOR network switches with required software versions
- VCF Management Domain deployment and base configuration
- VCF Workload Domain deployment and base configuration
- VMware Aria Suite deployment and base configuration of each product
 - Aria Lifecycle
 - Aria Workspace One
 - Aria Operations
 - Aria Operations for Logs
 - Aria Operations for Networks
 - Aria Automation
- Documentation and Knowledge Transfer

Documentation Deliverables



- VCF Planning and Preparation Workbook
- Post-deployment as-built document

Assumptions

- All work to be performed at a single customer location during normal business hours
- All northbound ethernet and fibre channel cabling should be run to rack in advance
- All network configurations above the top-of-rack switches will need to be completed in advance
- Unless explicitly listed in this BSO, no additional tasks to be performed (network configurations, data migrations, application reconfiguration, etc.)
- NSX Networking will be overlay based, which will require the following:
 - Top of Rack switching that supports routing and BGP peering
 - Jumbo frame support
- New IP spaces for all connectivity
- Customer has internal Certificate Authority for certificate management
 - Can use self-signed certificates, if required

Customer Requirements and Responsibilities

The customer is responsible for providing physical access to the data center, ensuring infrastructure readiness (including space, power, cooling, and network connectivity), and configuring network ports, firewall settings, upstream IP/FCP networking, AD service accounts, and groups as outlined in the planning workbook. It is also the customer's responsibility to fulfill all prerequisite requests, provide necessary third-party licenses for CDI's project completion, and handle all aspects of network connectivity, performance, and configuration issues. Additionally, the customer must deploy test workloads to validate the environments and manage the deployment and configuration of the SFTP backup server for essential file-based backups of VCF components.



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