

■ SERVICE BRIEF

vSAN Ready Node
Deployment Services





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This document outlines the scope, deliverables, responsibilities, and terms governing Redesign's vSAN Ready Node Deployment Services. This engagement covers the physical installation, baseline configuration, and validation of a Broadcom vSAN Ready Node cluster based on OEM-certified hardware.

This engagement is governed by this Service Brief and associated with SKU: VSAN-RN-DEPLOY. The quantity defined in the quote reflects the number of vSAN clusters and nodes to be deployed.

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01. Services Overview

Redesign's vSAN Ready Node Deployment Services provide end-to-end installation and configuration of Broadcom vSAN clusters using certified Ready Node hardware. These services ensure proper physical setup, hypervisor installation, vSAN configuration, network integration, and cluster validation. The engagement delivers a production-ready, vendor-aligned vSAN environment consistent with best practices and customer design requirements.



02. Offer Structure

PRIMARY SERVICES

- Rack & stack of all vSAN Ready Node hardware
- Network configuration (Top-of-Rack L2 only)
- vSphere hypervisor installation and configuration
- vCenter & vSAN cluster deployment
- vSAN datastore creation and health validation
- Call-home and notifications
- Knowledge transfer and documentation handover

OPTIONAL ADD-ONS

Separate SOW

- Advanced network integration (L3 routing, segmentation, EVPN, etc.)
- LCM baseline creation & lifecycle integration
- Extended workload migration
- Integration with external storage, backup, or security platforms
- Application-level services (DB, VDI, AD, DNS, etc.)
- Implementation of advanced Broadcom features (vSAN ESA, HCI Mesh, Stretched Clusters, etc.)

03. Project Scope

In-Scope Platforms

- • Dell-certified vSAN Ready Nodes
- • Supported Broadcom versions per Broadcom Compatibility Guide

Scope Includes

- Rack, mount, and power-up of Ready Node hardware
- Physical cabling and labeling
- Configuration of BMC/iDRAC/iLO/IPMI
- Deployment of vSphere hypervisor on all nodes
- Deployment or integration of vCenter Server
- Creation and configuration of the vSAN cluster
- Configuration of disk groups, policies, and storage services
- Enablement of Broadcom support & telemetry (CEIP, vSAN Skyline Health, etc.)
- Validation of cluster performance, configuration, and call-home service

04. Quantity & Effort Model

- Service SKU: VSAN-RN-DEPLOY
- Quantity: Number of clusters and nodes to be deployed

Effort scales based on node count, switch configuration, and feature requirements.

05. Services & Key Activities

Stage	Key Activities
 Rack & Stack Phase	<ul style="list-style-type: none"> ▪ Unpack and inspect hardware ▪ Rack, mount, and connect all components ▪ Route and install power, data, and management cabling ▪ Apply customer-provided labels ▪ Power on systems and validate hardware health ▪ Configure BMC/iDRAC/iLO/IPMI addresses
 Cluster & Network Implementation Phase	<ul style="list-style-type: none"> ▪ Verify alignment with Solutions Architect design ▪ Configure and upgrade ToR L2 switches (if applicable) ▪ Install and configure vSphere hypervisor ▪ Deploy or integrate with existing vCenter Server ▪ Configure vSAN cluster settings and networking ▪ Create disk groups and validate device health ▪ Apply patches and updates to a supported release (iDRAC, VSphere, vCenter, etc.) ▪ Configure vSAN storage policies (RAID 1/5/6, FTT settings) ▪ Enable Broadcom support/monitoring systems ▪ Apply customer-provided Broadcom licensing ▪ Validate full cluster and storage function
 Testing, Validation & Documentation Phase	<ul style="list-style-type: none"> ▪ Validate end-to-end network connectivity ▪ Conduct basic troubleshooting tests (ping, traceroute, show commands) ▪ Validate vSAN cluster health and performance ▪ Test failover, storage redundancy, and node evacuation ▪ Validate vCenter and VSphere host configuration ▪ Confirm iDRAC internal alert notifications through SMTP ▪ Ensure proper call-home through Secure Connect Gateway (SCG) or OpenManage Enterprise (OME) ▪ Provide configuration backup and As-Built documentation ▪ Conduct knowledge transfer session with client IT team
 Workload Migration Framework Validation	<ul style="list-style-type: none"> ▪ Identify and assess existing network, storage, and server configurations ▪ Establish migration framework and plan ▪ Conduct (1) test migration with non-critical virtual machine (less than 250 GiB)

06. Deliverables



Completed
Pre-Engagement
Questionnaire
and Visio diagram



As-Built
Documentation
(including configura-
tion backups)



Remote
Knowledge
Transfer Session

07. Services Scope Changes

Changes to node count, vSAN features, network design, or migration scope will require a revised quote or formal Change Request (CR).

08. Services Scope Exclusions

Deployment Exclusions

This engagement does not include the following unless explicitly agreed upon:

Migration of workloads beyond single test migration

Application-level work (VDI, databases, Active Directory, DNS, security services, logging, monitoring)

Core switch Layer 3 functionality or advanced routing (OSPF, BGP, MPLS, etc.)

Ongoing monitoring, operations, or managed services beyond initial deployment and validation

VMware Cloud Foundation Advanced Component Deployment and Configuration (NSX, Aria, Live Site Recovery, etc.)

Full-scale datacenter or network architecture redesign

Integration with third-party systems (backup, replication, firewalls, SIEM, monitoring)

Unsupported or end-of-life software/firmware versions

Advanced SAN features not covered in baseline deployment (metro clustering, stretched arrays, replication to secondary sites, etc.)

Lifecycle Management

09. Customer Responsibilities

Maintain valid vendor support agreements:

- Provide rack elevations, power/cooling readiness, and cabling plan
- Provide remote/onsite access to requisite facilities and systems
- Ensure all hardware and licensing are procured and under OEM support
- Provide network schema, VLANs, and IP addressing requirements
- Assign stakeholders for coordination, testing, and sign-off
- Ensure source systems are available for migration testing

Failure to meet these requirements may delay or prevent delivery of services.

10. Services Schedule

- Schedule to be jointly agreed with Client

11. Terms and Conditions

This engagement will be governed by the Seller's terms and conditions located at:

ⓘ SERVICES WILL NOT BEGIN UNTIL THE FOLLOWING PREREQUISITES ARE MET:

- Signed quote referencing SKU: VSAN-RN-DEPLOY
- Hardware and cables have arrived at designated install location(s)
- Site readiness is completed with Redesign Engineering and Project Management Teams
- Remote and onsite access confirmation
- Completion of Pre-Engagement Questionnaire

Failure to meet these requirements may delay or prevent delivery of services

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