

■ SERVICE BRIEF

# VxRail Dynamic Cluster *Deployment Services*





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This document outlines the scope, deliverables, responsibilities, and terms governing Redesign's VxRail Dynamic Cluster Deployment Services. This engagement covers the physical installation, baseline configuration, validation, and migration framework validation of a net new VxRail dynamic cluster.

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

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# 01. Services Overview

Redesign's VxRail Dynamic Cluster Deployment Services provide end-to-end installation and configuration of VxRail nodes, SAN/Storage device, and associated network components. These services ensure proper physical setup, firmware validation, hypervisor and cluster configuration, SAN deployment, and migration framework validation.

The engagement delivers a validated, production-ready VxRail dynamic cluster environment aligned with vendor best practices and customer requirements.



# 02. Offer Structure

## PRIMARY SERVICES

- Rack & Stack of all VxRail nodes and networking hardware
- Hypervisor (VMware), SAN, and cluster configuration
- Firmware validation and baseline patching
- Cluster validation and knowledge transfer
- Documentation handover

## OPTIONAL ADD-ONS

### Separate SOW

- Advanced network integration (Core switch L3+, routing, segmentation)
- Workload migration
- Lifecycle Management
- Hypervisor conversions (Hyper-V/Nutanix/Etc. → VMware)
- Storage or Virtual Machine Replication Configuration
- Data Center Move and/or Staging Services
- Integration with external backup, security, or monitoring platforms
- Application-level services (Databases, VDI, AD, DNS, etc.)
- VMware Cloud Foundation Advanced Component Deployment and Configuration (NSX, Aria, Live Site Recovery, etc.)

## 03. Project Scope

This engagement includes an Omnisssa Standard deployment with the following parameters:

### In-Scope Platforms

- Net new OEM-supported VxRail nodes and top of rack/Layer 2 networking hardware.

### Scope Includes

- Rack, mount, and power-up of VxRail nodes and networking components
- Physical cabling and labeling
- iDRAC configuration for server management
- Validation/updates of latest stable versions of drivers and firmware
- Deployment of hypervisor (VMware), vSAN, and associated networking
- Vendor support system enablement (Dell Direct Connect)
- Validation of cluster implementation and handover
- Workload Migration Framework

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## 04. Quantity & Effort Model

- Service SKU: VXRAIL-DYNAMIC-DEPLOY
- Quantity: Number of clusters and nodes to be deployed

## 05. Services & Key Activities

Stage	Key Activities
 Rack & Stack Phase	<ul style="list-style-type: none"> <li>▪ Verify alignment with Solutions Architect design</li> <li>▪ Unpack and inspect hardware included in Bill of Materials</li> <li>▪ Rack, mount, and connect all components</li> <li>▪ Install and route power, data, and management cables</li> <li>▪ Apply labels to newly installed cables</li> <li>▪ Power on systems and validate hardware health</li> <li>▪ Configure iDRAC network addresses</li> </ul>
 Cluster & Network Implementation Phase	<ul style="list-style-type: none"> <li>▪ Configure ToR L2 switches if applicable</li> <li>▪ Validate drivers and firmware versions across all components</li> <li>▪ Install and configure hypervisor (VMware) and vSAN</li> <li>▪ Enable vendor monitoring and support systems</li> <li>▪ Apply customer-provided licensing</li> <li>▪ Validate cluster functionality with client review</li> </ul>
 Testing, Validation & Documentation Phase	<ul style="list-style-type: none"> <li>▪ Verify network connectivity across nodes</li> <li>▪ Test failover and redundancy</li> <li>▪ Provide As-Built documentation</li> <li>▪ Conduct remote knowledge transfer session with client IT team, limited to (2) hours</li> </ul>
 Workload Migration Framework Validation	<ul style="list-style-type: none"> <li>▪ Identify and assess existing network, storage, and server configurations</li> <li>▪ Establish migration framework and plan</li> <li>▪ Conduct (1) test migration with non-critical virtual machine (less than 250 GiB)</li> </ul>

## 06. Deliverables



Completed  
Pre-Engagement  
Questionnaire



As-Built  
Documentation  
(including configura-  
tion backups)



Remote  
Knowledge  
Transfer Session(s)

## 07. Services Scope Changes

Changes to cluster design, feature enablement, or migration scope will require a revised quote or formal Change Request (CR).

## 08. Services Scope Exclusions

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

### Deployment Exclusions

- 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.)
- Lifecycle Management
- 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.)

## 09. Customer Responsibilities

- 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 will prevent Redesign from delivering the services outlined in this Service Brief.

## 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:

### ⓘ ONSITE SERVICES WILL NOT BEGIN UNTIL THE FOLLOWING PREREQUISITES ARE MET

- Signed quote referencing SKU: VXRAIL-DYNAMIC-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 will prevent Redesign from delivering the services outlined in this Service Brief.

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