

May 2026



# VMware Cloud Foundation 9.1 and VMware vSphere Foundation 9.1

## Feature Comparison & Upgrade Paths

This feature comparison document outlines the key differences between our two primary platforms - VMware Cloud Foundation and VMware vSphere Foundation.

**VMware Cloud Foundation** – a private cloud platform that combines the scale and agility of public cloud with security and performance of on-premises infrastructure, delivering increased productivity and lower Total Cost of Ownership (TCO).

- VMware Cloud Foundation is a full-stack Infrastructure as a Service (IaaS) platform that delivers software-defined compute, storage, networking, Kubernetes, security, and management.
- Integrated automation enables a self-service platform to rapidly deploy VMs/containers for developer agility.
- Hardened platform offering built-in resilience, scaling, and clustering for non-stop operations.
- Provides cloud agility to scale infrastructure without scaling staff, delivering cloud consumption on-premises.
- Provides automation and orchestration to simplify Day 0, Day 1, and Day 2 tasks.
- Available as a single SKU to simplify full stack deployment.

**VMware vSphere Foundation** – an enterprise-grade workload platform for modern infrastructure delivering virtualized benefits, simplified management, cost efficiency, scalability and serves as the core foundation for VMware Cloud Foundation.

- Unified workload platform for running VMs and containers side by side with a native Kubernetes runtime.
- Intelligent operations management delivers enhanced visibility and infrastructure optimization.
- Hyperconverged infrastructure integrates compute and storage virtualization for efficient resource management.
- Simplified deployment and scalability with a single SKU, enabling faster application delivery and future ready infrastructure.



Figure 1: shows VMware by Broadcom simplified portfolio

## Detailed Feature Comparison

- **VMware Cloud Foundation** - a private cloud platform software that delivers integrated components, including vSphere, vSphere Kubernetes Service, VCF Operations, VCF Operations for networks, VCF Operations fleet management, VCF Automation, vSAN, and NSX.
- **VMware vSphere Foundation** - a software that delivers some VCF capabilities or limited versions thereof, including vSphere, vSphere Kubernetes Service, VCF Operations and vSAN.
- **VMware Cloud Foundation Edge** - VMware Cloud Foundation Edge is an optimized configuration of VMware Cloud Foundation tailored for edge use cases.

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Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
<b>Compute</b>			
<b>Included Services</b>			
vSphere Kubernetes Service (VKS)	•	•	•
VM Service	•	•	•
Storage Service	• [2]	•	•
Network Service	• [2]	•	•
Container Registry Service	•	•	•
Harbor Image Registry Service	•	•	•
vSphere Pod Service	•	•	•
VKS Load Balancing	•	•	•
Service Mesh	•	•	•
External DNS	•	•	•
ArgoCD Operator		•	•
Secret Store Service		•	•
IaaS Policy Service		•	•
Data Services	•	•	•
Workload Availability Zones	•	•	•
Simplified VKS cluster lifecycle Management		•	•
Build Your Own Image (BYOI)	•	•	•
Supervisor Independent Updates	•	•	•
Custom Zone Optimization	•	•	•

Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
<b>Compute</b>			
<b>Operations Management</b>			
vSphere Lifecycle Manager	•	•	•
Live Patching for ESX	•	•	•
vCenter Quick Patching	•	•	•
vCenter Server Profiles	•	•	•
vCenter Update Planner	•	•	•
Content Library	•	•	•
vSphere Configuration Profiles	•	•	•
Host Profiles	•	[3]	[3]
Auto Deploy	•	[3]	[3]
vSphere elastic provisioning (ZTP - Zero Touch Provisioning)	•	•	•
Green Metrics	•	•	•
<b>Built-in Security</b>			
Identity Federation	•	•	•
Hardware TPM 2.0 Support	•	•	•
Virtual TPM 2.0	•	•	•
FIPS 140-2, and Common Criteria Certification	•	•	•
TLS 1.2	•	•	•
TLS 1.3	• [4]	• [4]	• [4]
Virtual Machine Encryption	•	•	•
Standard Key Provider (External KMS)	•	•	•
Native Key Provider	•	•	•
File Integrity Monitoring	•	•	•
Confidential Computing [15]		•	•
EDR integration for ESX	•	•	•
<b>Application Performance</b>			
Per-VM Enhanced vMotion Compatibility (EVC)	•	•	•
Instant Clone	•	•	•
Distributed Resource Scheduler (DRS)	•	•	•

Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
<b>Compute</b>			
Storage DRS	•	•	•
Distributed Power Management (DPM)	•	•	•
Storage Policy-Based Management	•	•	•
I/O Controls (storage)	•	•	•
Single Root I/O Virtualization (SR-IOV)	•	•	•
vSphere Persistent Memory	•	•	•
Memory Tiering	•	•	•
NVIDIA GRID vGPU	•	•	•
Accelerated Graphics for VMs	•	•	•
Dynamic DirectPath IO	•	•	•
Enhanced DirectPath I/O	•	•	•
Vendor Device Group	•	•	•
Heterogeneous vGPU profiles on same GPU	•	•	•
DRS automation for vGPU workloads	•	•	•
DPU Support and Dual DPU Support		•	•
<b>Business Continuity</b>			
vMotion	•	•	•
Cross-vCenter vMotion	•	•	•
Encrypted vMotion	•	•	•
vCenter Enhanced Linked Mode	•	•	•
vSMP	•	•	•
vSphere High Availability (HA)	•	•	•
Proactive HA	•	•	•
Storage vMotion	•	•	•
Fault Tolerance	•	•	•
vSphere Replication	•	•	•
Support for 4k Native Storage	•	•	•
vSphere Quick Boot	•	•	•

Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
<b>Compute</b>			
vCenter File-Based Backup and Restore	•	•	•
Cross vCenter Mixed Version Provisioning	•	•	•
Hot and Cold Migration to the Cloud	•	•	•
Policy-based Governance	•	•	•
Kubernetes Automation	•	•	•
Workload Lifecycle Management	•	•	•
vCenter Orchestration & Extensibility	•	•	•
<b>Storage</b>			
vSAN Express Storage Architecture (ESA)	•	•	•
vSAN Original Storage Architecture (OSA)	•	•	•
All-Flash Hardware	•	•	•
Basic Compression and Deduplication	• (OSA Only)	• (OSA Only)	• (OSA Only)
Advanced Compression and Global Deduplication	• (ESA Only)	• (ESA Only)	• (ESA Only)
Data-at-Rest Encryption	•	•	•
Data in-Transit Encryption	•	• [3]	• [3]
Storage Policy-Based Management	•	•	•
Software Checksum	•	•	•
vSAN over RDMA	•	• [3]	• [3]
Quality of Service (QoS) – IOPS Limit	•	•	•
Auto-Managed RAID	•	•	•
vSAN storage clusters	•	•	•
vSAN cyber recovery clusters		• [15]	• [15]
Remote Datastores	•	•	•
Stretched Cluster	•	•	•
2-Node Cluster	•	• [3]	• [3]
File Services	•	•	•
Object Storage		• [17]	• [17]
iSCSI Target Service	•	• [3]	• [3]

Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
<b>Storage</b>			
Cloud Native Storage (CNS) Control Plane	•	•	•
vSphere Container Storage Interface (CSI) Driver	•	•	•
Rack Awareness (Fault Domains)	•	• [3]	• [3]
Snapshot Manager with Flexible Scheduling	•	•	•
Immutable Snapshots	•	•	•
Any-to-vSAN Replication	• [14]	• [14]	• [14]
<b>External Storage</b>			
VMFS - Fibre Channel	•	• (Principal, Supplemental)	• (Principal, Supplemental)
VMFS - iSCSI	•	• (Supplemental)	• (Supplemental)
VMFS - FCoE	•	• (Supplemental)	• (Supplemental)
VMFS - NVMe/FC	•	• (Supplemental)	• (Supplemental)
VMFS - NVMe/TCP	•	• (Supplemental)	• (Supplemental)
VMFS - NVMe/RDMA	•	• (Supplemental)	• (Supplemental)
NFS - v3	•	• (Principal, Supplemental)	• (Principal, Supplemental)
NFS - v4.1	•	• (Supplemental)	• (Supplemental)
Storage I/O QoS Controls (SIOC)	•	•	•
Storage Array Integration (VAAI) for Block Storage	•	•	•
Storage Array Integration (VAAI) for NFS Storage	•	•	•
Workload (VMDK) Clustering	•	•	•
Auto config with NFS	•	•	•
3rd party storage plugins	•	•	•
Host commissioning and cluster management	•	•	•

Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
<b>Networking</b>			
vSphere Distributed Switch	•	•	•
Link Aggregation Control Protocol (LACP)	•	• [3]	• [3]
Load-Based Teaming	•	•	•
Network I/O QoS Control (NIOC)	•	•	•
Private VLAN	•	•	•
MAC Learning	•	•	•
BPDU Guard	•	•	•
Guest VLAN Tagging	•	•	•
VLAN Backed Networking	•	•	•
Virtual Networking		•	•
Spoofguard		•	•
L2 Multicast	•	•	•
L3 Multicast		•	•
Enhanced Datapath		•	•
Enhanced Datapath for DPUs		•	•
IPv4 and IPv6 Routing		•	•
Dynamic Routing (OSPFv2/BGP/BFD)		•	•
VRF		•	•
EVPN		•	•
NAT		•	•
L2 and L3 VPN		•	•
Quality of Service (QoS)	• (NIOC)	• (NIOC & NSX)	• (NIOC & NSX)
NSX Edge Bridge for Networking		•	•
DNS, DHCP and IPAM		•	•
Container Networking with NCP		• [16]	• [16]
Container Networking with Antrea	• [16]	• [16]	• [16]
Policy, Tagging, and Grouping		•	•
Multi-Tenancy with Projects		•	•
Virtual Private Cloud (VPCs)		•	•

Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
<b>Networking</b>			
Load Balancing for VCF Infrastructure Components (i.e. VCF appliances) <sup>[12]</sup>		•	•
Layer 4 Load Balancing for vSphere Supervisor (including VM Service, vSphere PODs, and VKS Clusters) <sup>[11],[12]</sup>	•	•	•
Manager / Controller Clustering		•	•
Federation		•	•
NSX Edge in VM and Bare-Metal Form Factor for Networking		•	•
Automated and Manual Manager and Edge Deployment		•	•
Automated Host Prep		•	•
Port Mirroring	•	•	•
Netflow/IPFIX	•	•	•
Traceflow		•	•
Live Traffic Analysis		•	•
Packet Capture	•	•	•
<b>vSphere Kubernetes Services (VKS) &amp; VCF Cloud Services</b>			
vSphere Kubernetes Service (VKS): Improved VKS cluster scalability; Fast deploy for VKS clusters; Node pool placement considering underlying affinities	•	•	•
VM Service: Import VMs without changing the network	•	•	•
Storage and Data Services		•	•
Network Services: Dual- network support for VKS; Supervisor deployment using DGTW		•	•
Private AI Services		•	•
Harbor Image Registry Service		•	•
Container Service	•	•	•
GitOps Integration		•	•
Supervisor Services: Multi-cluster zones and cluster decommission		•	•
Secret Service: Simplified secrets injection; Policies and roles to access Secrets		•	•

Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
<b>vSphere Kubernetes Services (VKS) &amp; VCF Cloud Services</b>			
External DNS		•	•
Cert Manager		•	•
<b>Cloud Management</b>			
<b>VCF Automation</b>			
<b>Modern Cloud Interface</b>			
Self-Service Catalog <sup>[5]</sup>		•	•
Self-Service IaaS <sup>[6]</sup>		•	•
UI / CLI / Unified APIs (declarative K8s APIs <sup>[6]</sup>   REST APIs <sup>[5]</sup> )		•	•
Workload Performance & Cost Visibility for Consumers (w/ VCF Operations) <sup>[6]</sup>		•	•
<b>Private Cloud Services <sup>[6]</sup></b>			
Core Services: VM, VKS, Container, Network, Volume, VM Image		•	•
Extensible Services (ArgoCD, Contour, Harbor, Service Mesh, Velero, etc.)		•	•
Services Framework (Pre-bundled Services: Harbor, DSM, Secret Store Service, VKSM Auto-Attach Service, Encryption Management (BYOK), Multi-tenant DR (VLR), Metrics Aggregator Service, Configuration Service, VCD Migration Assistant, Lumos In-Product Feedback Service)		•	•
<b>Private AI Services <sup>[6], [10]</sup></b>			
Catalog Setup Wizard (Automated Private AI service setup)		•	•
GPU-capable DL VM & GPU-capable VKS Cluster provisioning		•	•
DSM Integration for RAG-based workloads		•	•
Vector DBs, Data Indexing & Retrieval service, AI Agent Builder service, Model Context Protocol (MCP)		•	•
<b>Blueprints &amp; Infrastructure as Code</b>			
Visual Canvas Template Designer w/ declarative YAML syntax <sup>[5]</sup>		•	•
Blueprints (YAML <sup>[5]</sup>   K8s manifest in YAML <sup>[6]</sup> )		•	•

Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
<b>VCF Automation</b>			
Git Integration (GitHub, GitLab, Bitbucket) <sup>[5]</sup>		•	•
VCF Automation TF Provider <sup>[5]</sup>		•	•
Automated deployment & configuration of private cloud services <sup>[6]</sup>		•	•
Automated deployment & configuration of SDDC objects <sup>[7]</sup> (e.g., NSX n/w, Security Groups, Firewalls <sup>[8]</sup> , Avi LB <sup>[9]</sup> )		•	•
App Stack Formation (capture group of VMs into blueprints & reuse blueprints to redeploy) <sup>[6]</sup>		•	•
<b>Kubernetes Multi-Cluster Management</b>			
Centralized VKS Cluster Fleet Visibility		•	•
VKS Policy Management		•	•
Data Protection		•	•
Add-on Management <sup>[18]</sup>		•	•
<b>Governance &amp; Policies</b>			
Zones, Regions, Organization, Project, IAM (for Ent IT Admin) <sup>[5]</sup>		•	•
Namespace Classes, Namespaces, VPC (for Ent IT Admin) <sup>[6]</sup>		•	•
Namespaces & Private Cloud Services Management (for LOB Admin) <sup>[6]</sup>		•	•
Policies (approval, lease, day 2 action) (for Org Admin) <sup>[5]</sup>		•	•
Resource Policies (IaaS, VKS) w/ Policy as Code (for Org Admin) <sup>[6]</sup>		•	•
Infrastructure Placement Policies (for Ent IT Admin) <sup>[6]</sup>		•	•
Tenant Identity Management & RBAC (for Org Admin) <sup>[6]</sup>		•	•
Custom Naming Policy (for Org Admin) <sup>[5]</sup>		•	•
Cost Visibility, Pricing <sup>[1]</sup> , Notifications (alerts, reports, bills) (w/ VCF Operations) (for Ent IT Admin & Org Admin)		•	•

Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
<b>VCF Automation</b>			
<b>Tenant Management</b> <sup>[6]</sup>			
Tenant Resource Management (compute, storage, network) (for Ent IT Admin)		•	•
Tenant Network Isolation w/ VCF Networking (for Ent IT Admin)		•	•
Tenant Operations (utilization, chargeback, alerts)		•	•
Tenant Branding (for Org Admin)		•	•
Quick / Manual Setup of Organizations (for Ent IT Admin)		•	•
Provider and Consumer Dashboards		•	•
Certificate Management (for Ent IT Admin & Org Admin)		•	•
<b>Content Management</b> <sup>[6]</sup>			
Centralize Content Hub for blueprints, content libraries (VM Images), orchestrator workflows		•	•
Publish content to self-service catalog		•	•
Provider Tenant Admin to Tenant sharing: content library and catalog items		•	•
Provider Tenant Admin to Tenant sharing: content library and catalog items		•	•
Content Library Creation (for Org Admin & Project Admin)		•	•
Subscription to external & Canonical (Ubuntu OS images) content libraries		•	•
<b>Network &amp; Security Automation</b> <sup>[6]</sup>			
Self-service networking (e.g., VPN, NAT, static routes on TG, GW Firewall <sup>[8]</sup> ) for Org consumption		•	•
Distributed Transit Gateway support for VPCs (VLAN support)		•	•
IPAM Support		•	•
Shared Subnets (across Orgs)		•	•
Security Profiles, Security Groups, DFW, GW Firewall (for Org Admin)		• <sup>[8]</sup>	• <sup>[8]</sup>
Self-service networking (e.g., VPN, NAT, static routes on TG, GW Firewall <sup>[8]</sup> ) for Org consumption		•	•

Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
<b>VCF Automation</b>			
<b>Orchestration &amp; Extensibility</b>			
Workflow Orchestration (VCF Operations orchestrator) <sup>[5]</sup>		•	•
Event Subscription Service, Custom Resources/Custom Day 2, XaaS <sup>[5]</sup>		•	•
Action-Based Extensibility (ABX) (FaaS) <sup>[7]</sup>		•	•
Integrations (Ansible <sup>[7]</sup> , Puppet <sup>[7]</sup> , VMware Salt <sup>[7]</sup> , ServiceNow ITSM <sup>[7]</sup> , IPAM (Infoblox) <sup>[5]</sup> , IPAM SDK <sup>[7]</sup> , AD <sup>[5]</sup> )		•	•
<b>Workload Lifecycle Management</b>			
Workload discovery and onboarding <sup>[7]</sup>		•	•
Day 2 Actions & Custom Actions <sup>[5]</sup>		•	•
Advanced Workload Placement (w/ VCF Operations) <sup>[7]</sup>		•	•
Resource right-sizing and reclamation (w/ VCF Operations) <sup>[7]</sup>		•	•
<b>VCF Operations</b>			
Install	•	•	•
Lifecycle Management	(VVF customers utilize vLCM)	•	•
License Management	•	•	•
Certificate Management		•	•
Password Management		•	•
3rd party password vault integration with OpenID Connect (OIDC)		•	•
Configuration Drift Management (deprecated)		Requires Advanced Cyber Compliance add-on	Requires Advanced Cyber Compliance add-on
Centralized Tag Management		•	•
Global inventory	•	•	•
Identity and Access Management, Single Sign-on (vSphere interface)	•	N/A	N/A
Identity and Access Management, Single Sign-on (VCF Operations interface)		•	•
GPU & vGPU monitoring	•	•	•

Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
<b>VCF Operations</b>			
Audit events across vCenter, vSphere, vSAN, and NSX	•	•	•
Log Management	•	•	•
VCF Health and Diagnostics	•	•	•
Storage Operations (vSAN)	•	•	•
Visualization (OOTB; Custom): Alerts, Dashboards, Views, Reports, Heat Map, Performance Charts, Super Metrics, Metric Correlation, Relationship Mapping	•	•	•
Metric visualization using PromQL	•	•	•
Performance Monitoring and Analytics	•	•	•
Real-time monitoring	•	•	•
Compliance Management with remediation, including regulatory compliance Security baseline, PCI), custom compliance templates, vSphere hardening		Requires Advanced Cyber Compliance add-on	Requires Advanced Cyber Compliance add-on
Real-Time predictive capacity management, including trending (Workload What-If analysis), right-sizing, workload optimization (manual and automated)	•	•	•
Troubleshooting with guided remediation	•	•	•
Cost Management and Optimization with Fine-Grained Cost Analytics (Service and Data Center costs, Reclamation, Planning)	•	•	•
<b>VKS Cost Management</b>			
Custom Profiles for VMs	•	•	•
Data Protection and Recovery (Integrated VMware Live Cyber Recovery and VMware Live Site Recovery)	•	•	•
Service Discovery and Application Dependency Mapping	•	•	•
Out-of-the-Box Discovery, Monitoring, and Troubleshooting for Packaged Applications		•	•
Extensibility via VMW & 3rd-Party Infrastructure Management Packs (SDDC, Compute, Storage, Network, K8s/Container)	•	•	•

Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
<b>VCF Operations</b>			
Extensibility via VMW & 3rd-Party App & Management Packs (e.g., DBs, middleware, app management)		•	•
Application Monitoring (Telegraf Agent)		•	•
Prometheus Management Pack Builder, Prom QL API		•	•
Logs Alerting	•	•	•
Logs Query API	•	•	•
Logs Scheduled dashboard reports	•	•	•
Logs Partitioning	•	•	•
Logs Content Pack support	•	•	•
Security Operations (SecOps)		•	•
Supervisor Cluster monitoring (Metrics and Dashboard)	•	•	•
vSphere Kubernetes Service Cluster monitoring	•	•	•
<b>VCF Operations for networks</b>			
Network Visibility and Troubleshooting for vSphere, and NSX		•	•
Network Assessment and Optimization Report		•	•
Virtual flows (VDS IPFIX, VM to VM, VM to Physical, Antrea IPFIX)		•	•
Physical flows (NetFlow v7 and v9, and sFlow)		•	•
IPv6 Flows support for vSphere and NSX		•	•
Flow Analytics and Insights (Thresholds and Outliers)		•	•
Application discovery (Automated and Manual - names, tags, RegEx, ServiceNOW, csv)		•	•
Application health, monitoring & troubleshooting, Analytics & Intents		•	•
DNS mapping (import bind file)		•	•
NSX virtual network and physical network fabric visibility (Virtual+Physical)		•	•

Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
<b>VCF Operations for networks</b>			
Physical Device integration (Cisco, Arista, Juniper, Infoblox) for underlay network visibility		•	•
Network device auto-discovery		•	•
NSX Federation Visibility		•	•
Migration Plan, supporting workload mobility across and within Datacenters		•	•
Network Visibility for native Kubernetes (VKS), and Red Hat OpenShift using NSX container plugin		•	•
Avi Load Balancer Integration (Separate Add-On for Avi is required)		•	•
NSX Firewall network segmentation planning and operations (Separate Add-On for vDefend is required)		•	•
VCF Network Operations platform is Federal Information Processing Standards (FIPS 140-2) compliant	N/A	•	•
Highlight critical VMs via the Crown Jewels reachability and visibility analysis for security posture		•	•
Visibility of Incomplete TCP sessions for DDoS monitoring		•	•
User friendly Search/Query capability		•	•
Guided network troubleshooting		•	•
Path Visibility for NSX Virtual Network and Underlay Physical network		•	•
Network Map topology visualization across VCF & underlay		•	•
Network assurance & verification (Intents) for VCF & underlay		•	•
<b>Private AI</b>			
Data Indexing and Retrieval Service		•	•
Agent Builder Service		•	•
Model Context protocol		•	•
AI Metrics Observability		•	•
Model Store		•	•
Model Runtime		•	•
CPU-only AI workloads		•	•

Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
<b>Private AI</b>			
AI Blueprints Quick Start		•	•
Deep Learning VM Templates		•	•
vGPU Profile visibility		•	•
Vector Databases for RAG		•	•
<b>Advanced Services (Add-ons) <sup>[13]</sup></b>			
Additional Storage Capacity - vSAN	•	•	•
Advanced Cyber Compliance (ACC)		•	•
ACC - Compliance Enforcement and Policy Management for Workloads and VCF stack		•	•
ACC - On-Premises Cyber and Disaster Recovery		•	•
ACC - Policy-Based VPC Connectivity		•	•
ACC - Confidential Computing		•	•
Site Recovery Manager	•	•	•
Live Recovery Cloud	•	•	•
Load Balancing	•	•	•
Advanced Security		•	•
Application Services		•	•
Data Services		•	•
Network Observability		•	•
Business Operations		•	•
Identity Security		•	•

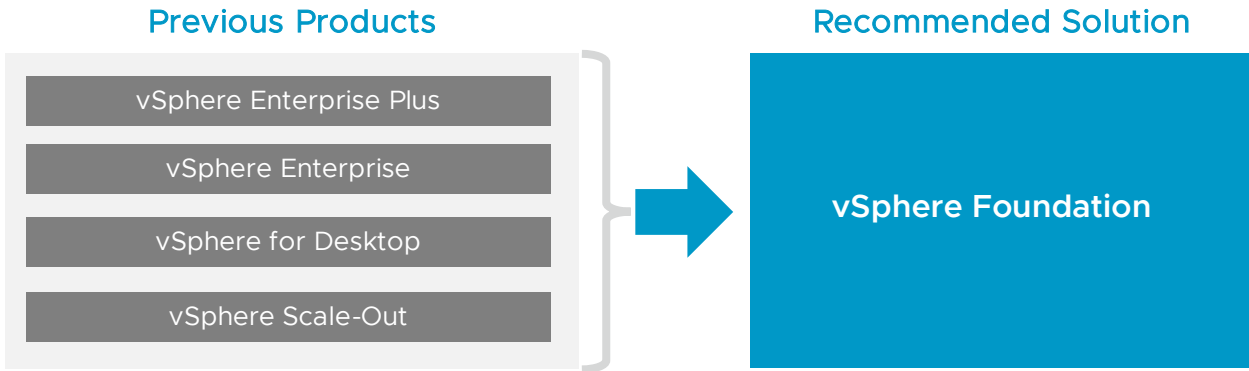
## Footnotes

- [1] - Org for VM Apps includes ability to markup w/ rate card
- [2] - Denotes features that are limited to the support of VM Service and VKS.
- [3] - Denotes features compatible with VCF but not integrated with VCF Operations fleet management.
- [4] - For more information about using TLS 1.3 with FIPS 140-3 requirements, consult the product documentation.
- [5] - Available in both Org for All Apps and VM Apps.
- [6] - Available in Org for All Apps.
- [7] - Available in Org for VM Apps.
- [8] - Requires Firewall add-on.
- [9] - Requires Avi LB add-on.
- [10] - Requires PAIF-N add-on.
- [11] - Ingress / Gateway API provided by Contour Ingress Controller / Supervisor Service.
- [12] - It is recommended that customers requiring general-purpose or advanced load balancing capabilities should purchase Avi Load Balancer. Customers who need additional time to migrate from existing VCF load balancing functionality to Avi may continue using full VCF load balancing capabilities until May 30, 2027, provided they have purchased the required Avi licenses.
- [13] - Advanced services are available for separate purchases and are not included in the core VMware Cloud Foundation or VMware vSphere Foundation offerings.
- [14] - Requires VMware Site Recovery Manager (SRM) License.
- [15] - Requires VCF Advanced Cyber Compliance (Advanced Services Add-on).
- [16] - Support for Antrea will be provided for VMware VKS only. Support for NCP will be provided for VMware vSphere Supervisor, and Tanzu Elastic Application Runtime only.
- [17] - Tech Preview
- [18] - This feature is accessible with VKS 3.5+

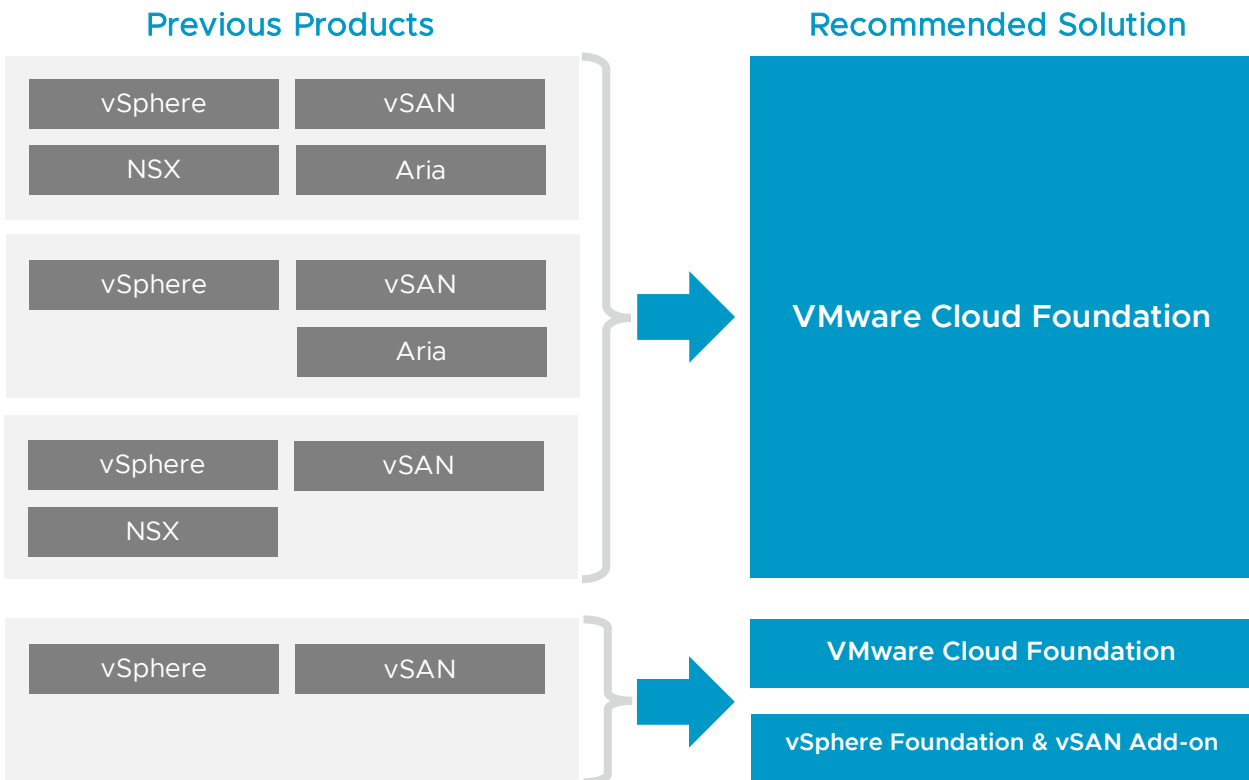
## Upgrade Paths

The below graphics show upgrade paths from previous products to new offerings.

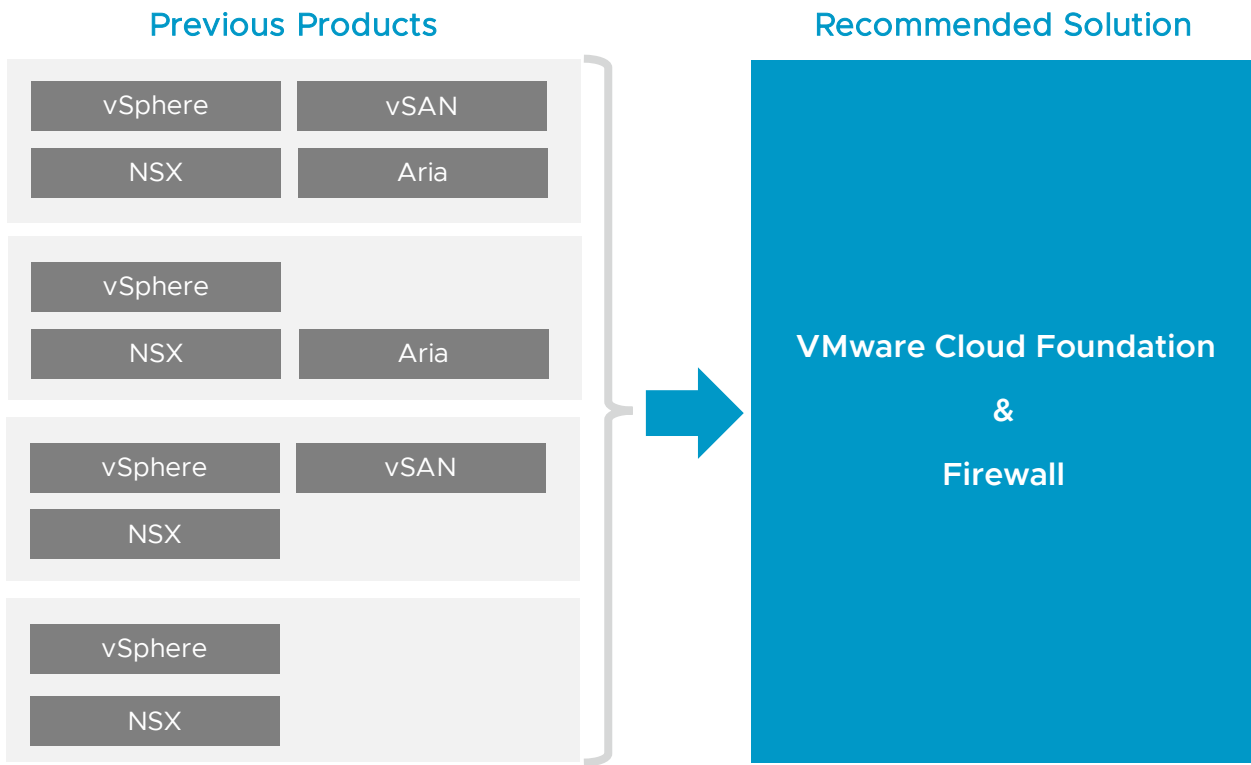
### Compute Paths



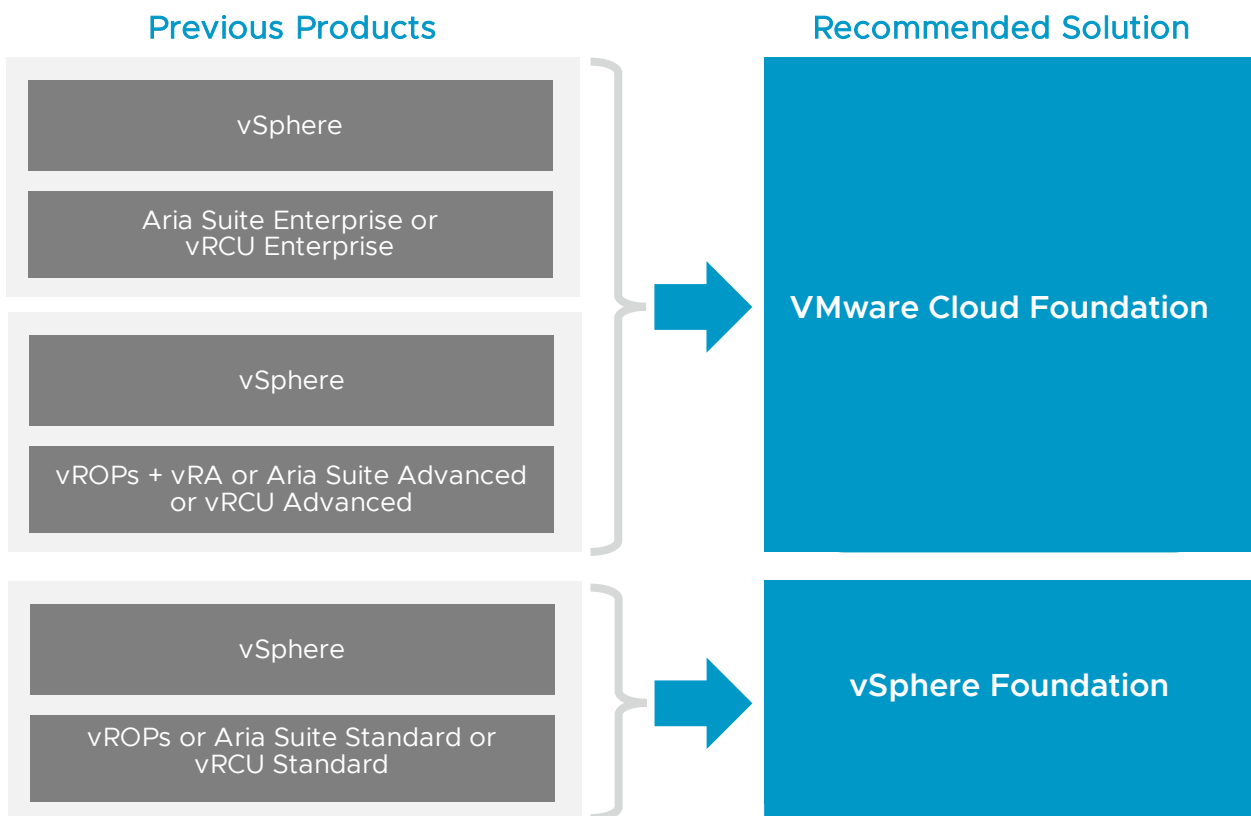
### Storage Paths



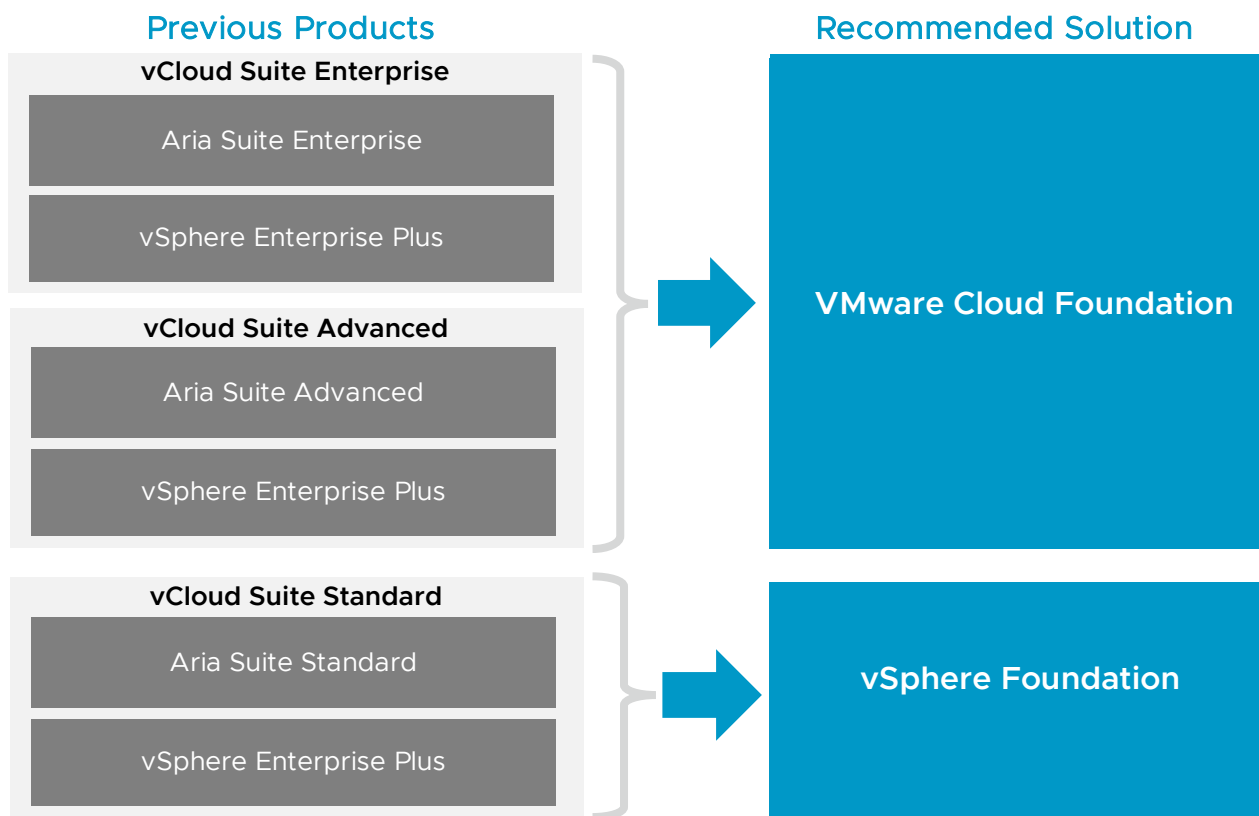
## Networking/ Security Paths



## Management Path



## vCloud Suite Paths



## VCF Paths



For additional details, contact your VMware account team and sales representative.



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#### Disclaimer

Although great care has been taken to ensure the accuracy and completeness of this whitepaper, Broadcom does not accept any legal responsibility for any actions taken based on the information contained herein and Broadcom makes no representations or warranties of any kind.