Nov 4, 2026

VMware Cloud Foundation 9.1.1 and VMware vSphere Foundation 9.1.1

Feature Comparison & Upgrade Paths

vmware by Broadcom

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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[Compute | Storage | Networking | vSphere Kubernetes Service (VKS) | VCF Automation | VCF Operations | Private AI | Advanced Services]

Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
Compute			
Included Services			
vSphere Kubernetes Service (VKS)	•	•	•
KubeVM Service	•	•	•
Storage Service	• [2]	•	•
Network Service	• [2]	•	•
Local Harbor Registry	•	•	•
Regional Harbor Registry Service		•	•
vSphere Pod Service	•	•	•
Foundation Load Balancing	•	•	•
Service Mesh	•	•	•
External DNS	•	•	•
ArgoCD Operator		•	•
Secret Store Service		•	•
IaaS Policy Service		•	•
Data Services	•	•	•
Workload Availability Zones	•	•	•
VKS multi-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
Compute			
Operations Management			
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	•	•	•
Built-in Security			
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		•	•
EDR integration for ESX	•	•	•
Application Performance			
Per-VM Enhanced vMotion Compatibility (EVC)	•	•	•
Instant Clone	•	•	•
Distributed Resource Scheduler (DRS)	•	•	•

Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
Compute			
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		•	•
Business Continuity			
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
Compute			
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	●	●	●
Disaster Recovery	●	●	●
Storage			
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 Witness Host/ 2 Node Support		●	
vSAN cyber recovery clusters		● [15]	● [15]
Remote Datastores	●	●	●
Stretched Cluster	●	●	●
2-Node Cluster	●	● [3]	● [3]
File Services	●	●	●

Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
Storage			
Object Storage		● [17]	● [17]
iSCSI Target Service	●	● [3]	● [3]
Cloud Native Storage (CNS) Control Plane	●	●	●
vSphere Container Storage Interface (CSI) Driver	●	●	●
Rack Awareness (Fault Domains)	●	● [3]	● [3]
Snapshot Manager with Flexible Scheduling	●	●	●
Immutable Local and Remote Snapshots	●	●	●
Any-to-vSAN Replication	●	●	●
External Storage			
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
Networking			
vSphere Standard Switch	•	•	•
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		•	•

Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
Networking			
Virtual Private Cloud (VPCs)		•	•
VPC Policy-based Connectivity		•	•
Load Balancing for VCF Infrastructure Components (i.e. VCF appliances) [12]		•	•
Layer 4 Load Balancing for vSphere Supervisor (including KubeVM Service, vSphere PODs, and VKS Clusters) [11],[12]	•	•	•
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	•	•	•
vSphere Kubernetes Services (VKS) & VCF Cloud Services			
vSphere Kubernetes Service (VKS): Improved VKS cluster scalability; Fast deploy for VKS clusters; Intelligent Node pool placement	•	•	•
KubeVM Service: Import KubeVMs 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		•	•

Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
vSphere Kubernetes Services (VKS) & VCF Cloud Services			
Secret Service: Simplified secrets injection; Policies and roles to access Secrets		•	•
External DNS		•	•
Cert Manager		•	•
Cloud Management			
VCF Automation			
Modern Cloud Interface			
Self-Service Catalog [5]		•	•
Self-Service IaaS [6]		•	•
UI / CLI / Unified APIs (declarative K8s APIs [6] | REST APIs [5])		•	•
Workload Performance & Cost Visibility for Consumers (w/ VCF Operations) [6]		•	•
Private Cloud Services [6]			
Core Services: KubeVM, VKS, Container, Network, Volume, VM Image		•	•
Extensible Services (ArgoCD, Contour, Harbor, Service Mesh, Velero, etc.)		•	•
Service Management (Pre-bundled Services: GitOps, vSAN S3 Compatible Object Storage, 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)		•	•
Private AI Services [6], [10]			
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)		•	•

Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
VCF Automation			
Blueprints & Infrastructure as Code			
Visual Canvas Template Designer w/ declarative YAML syntax [5]		•	•
Blueprints (YAML [5] | K8s manifest in YAML [6])		•	•
Git Integration (GitHub, GitLab, Bitbucket) [5]		•	•
VCF Automation TF Provider [5]		•	•
Automated deployment & configuration of private cloud services [6]		•	•
Automated deployment & configuration of SDDC objects [7] (e.g., NSX n/w, Security Groups, Firewalls [8], Avi LB [9])		•	•
App Stack Formation (capture group of VMs into blueprints & reuse blueprints to redeploy) [6]		•	•
Kubernetes Multi-Cluster Management			
Centralized VKS Cluster Fleet Visibility		•	•
VKS Policy Management		•	•
VKS Data Protection		•	•
Add-on Management [18]		•	•
Governance & Policies			
Zones, Regions, Organization, Project, IAM (for Ent IT Admin) [5]		•	•
Namespace Classes, Namespaces, VPC (for Ent IT Admin) [6]		•	•
Namespaces & Private Cloud Services Management (for LOB Admin) [6]		•	•
Policies (approval, lease, day 2 action) (for Org Admin) [5]		•	•
Resource Policies (IaaS, VKS) w/ Policy as Code (for Org Admin) [6]		•	•
Infrastructure Placement Policies (for Ent IT Admin) [6]		•	•
Tenant Identity Management & RBAC (for Org Admin) [6]		•	•
Custom Naming Policy (for Org Admin) [5]		•	•

Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
VCF Automation			
Cost Visibility, Pricing [1], Notifications (alerts, reports, bills) (w/ VCF Operations) (for Ent IT Admin & Org Admin)		•	•
Tenant Management [6]			
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)		•	•
Content Management [6]			
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		•	•
Network & Security Automation [6]			
Self-service networking (e.g., VPN, NAT, static routes on TG, GW Firewall [8]) for Org consumption		•	•
Distributed Transit Gateway support for VPCs (VLAN support)		•	•
IPAM Support		•	•
Shared Subnets (across Orgs)		•	•

Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
VCF Automation			
Security Profiles, Security Groups, DFW, GW Firewall (for Org Admin)		● [8]	● [8]
Orchestration & Extensibility			
Workflow Orchestration (VCF Operations orchestrator) [5]	[14]	● [14]	● [14]
Event Subscription Service, Custom Resources/Custom Day 2, XaaS [5]		●	●
Action-Based Extensibility (ABX) (FaaS) [7]		●	●
Integrations (Ansible [7], Puppet [7], VMware Salt [7], ServiceNow ITSM [7], IPAM (Infoblox)[5], IPAM SDK[7], AD[5])		●	●
Workload Lifecycle Management			
Workload discovery and onboarding [7]		●	●
Day 2 Actions & Custom Actions [5]		●	●
Advanced Workload Placement (w/ VCF Operations) [7]		●	●
Resource right-sizing and reclamation (w/ VCF Operations) [7]		●	●
VCF Operations			
VCF AI Assistant		● [17]	● [17]
VCF Installer	●	●	●
Lifecycle Management	(VVF customers utilize vLCM)	●	●
License Management (IPv4, IPv6)	●	●	●
Certificate Management		●	●
Password Management		●	●
3rd party password vault integration with OpenID Connect (OIDC)		●	●
Configuration Drift Management		●	●
Centralized Tag Management		●	●
Global inventory	●	●	●
Identity and Access Management, Single Sign-on (vSphere interface)	●	N/A	N/A

Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
VCF Operations			
Identity and Access Management, Single Sign-on (VCF Operations interface)		•	•
GPU & vGPU monitoring	•	•	•
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		•	•
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)	•	•	•
VKS Cost Management			
VKS Observability (real-time)		•	•
Custom Profiles for VMs	•	•	•
Service Discovery and Application Dependency Mapping	•	•	•
Out-of-the-Box Discovery, Monitoring, and Troubleshooting for Packaged Applications		•	•

Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
VCF Operations			
Extensibility via VMW & 3rd-Party Infrastructure Management Packs (SDDC, Compute, Storage, Network, K8s/Container)	•	•	•
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	•	•	•
VCF Operations orchestrator	•	•	•
VCF Operations for networks			
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		•	•

Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
VCF Operations for networks			
DNS mapping (import BIND zone file)		•	•
NSX virtual network and physical network fabric visibility (Virtual+Physical)		•	•
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)		•	•
vDefend Firewall network segmentation planning and operations (Separate Add-On for vDefend is required)		•	•
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		•	•
Private AI			
Multi-tenant Model Sharing		•	•
Data Indexing and Retrieval Service		•	•
Agent Builder Service		•	•
Model Context protocol		•	•
AI Metrics Observability		•	•

Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
Private AI			
Model Store		•	•
Model Runtime		•	•
CPU-only AI workloads		•	•
AI Blueprints Quick Start		•	•
Deep Learning VM Templates		•	•
vGPU Profile visibility		•	•
Vector Databases for RAG		•	•
Advanced Services (Add-ons) [13]			
Additional Storage Capacity - vSAN	•	•	•
Cyber and Disaster Recovery			
VMware Live Recovery (On-Premises Cyber Recovery)		•	•
VMware Live Recovery Cloud (cyber and disaster recovery to VMC on AWS)		•	•
Workload Compliance			
VMware Compliance and Configuration Management		•	•
Advanced Security			
VMware HyperArmor	•	•	•
VMware vDefend Firewall with ATP	•	•	•
Load Balancing			
VMware Avi Load Balancer	•	•	•
Secure Open-Source			
TrueSource Spring Enterprise		•	•
TrueSource Trusted Artifacts		•	•
TrueSource Data Services		•	•
Agentic Services			
VMware Tanzu Data Intelligence		•	•
VMware Tanzu Platform (for Agents)		•	•

Features	VMware vSphere Foundation	VMware Cloud Foundation Edge	VMware Cloud Foundation
Advanced Services (Add-ons) [13]			
Application Services			
VMware Tanzu Platform (for Apps)		•	•
Identity / Agentic Security			
AgentMinder		•	•
Privileged Access Management		•	•
Network Observability			
Network Observability by Broadcom		•	•
Business Operations			
Automic Automation by Broadcom		•	•
ValueOps by Broadcom		•	•

Footnotes

[1] - Org for VM Apps includes ability to markup w/ rate card

[2] - Denotes features that are limited to the support of KubeVM 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 VMware vDefend (Advanced Service).

[9] - Requires VMware Avi Load Balancer (Advanced Service).

[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. Please refer to this knowledge base article 439411 for further details on Avi licensing and migration options. Customers who purchase VVF are entitled to the Foundation Load Balancer for this use case. Customers who purchase VCF Edge or VCF can use either the Foundation Load Balancer or the NSX Load Balancer for this use case.

[13] - Advanced services are available for separate purchases and are not included in the core VMware Cloud Foundation or VMware vSphere Foundation offerings.

[14] - VCF Operations orchestrator capabilities are included with VMware vSphere Foundation and VCF Operations and operate independently of VCF Automation; VCF Automation is not included with VMware vSphere Foundation.

[15] - Requires VMware Live Recovery (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 Runtime only.

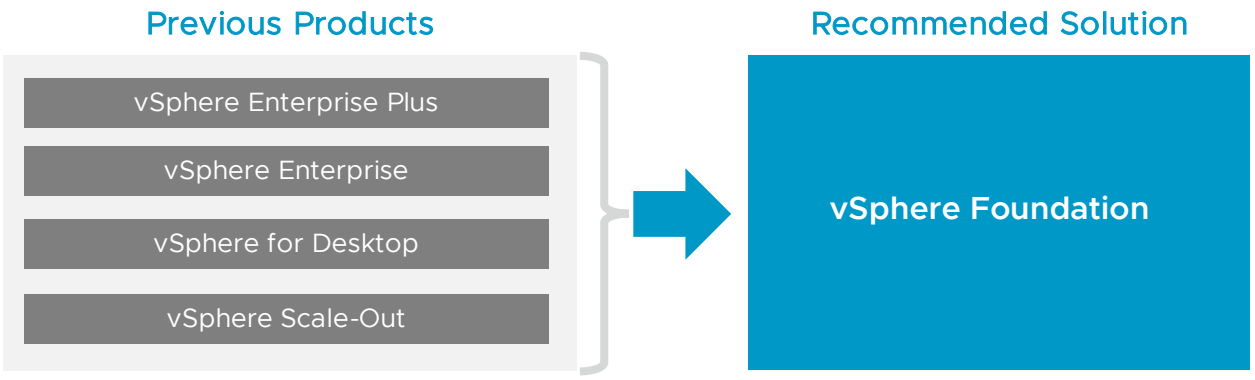
[17] - Tech Preview

[18] - This feature is accessible with VKS 3.5+

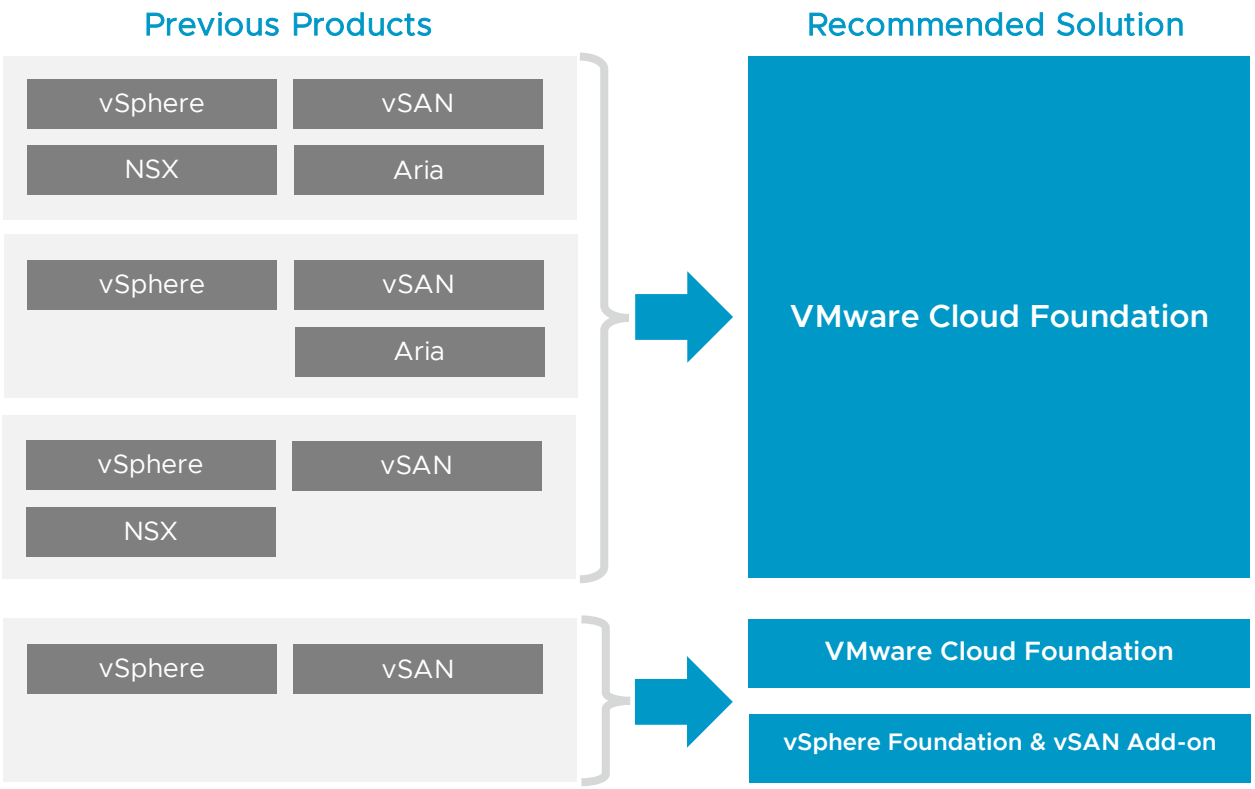
Upgrade Paths

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

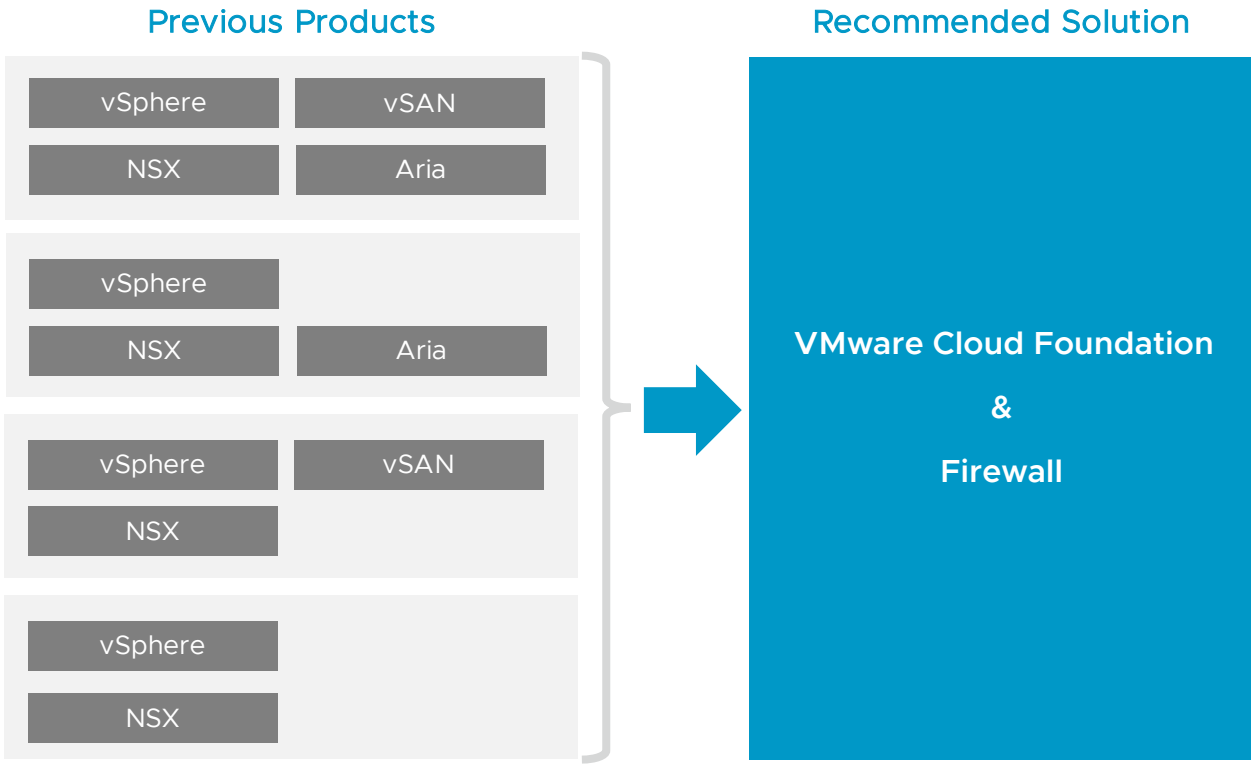
Compute Paths



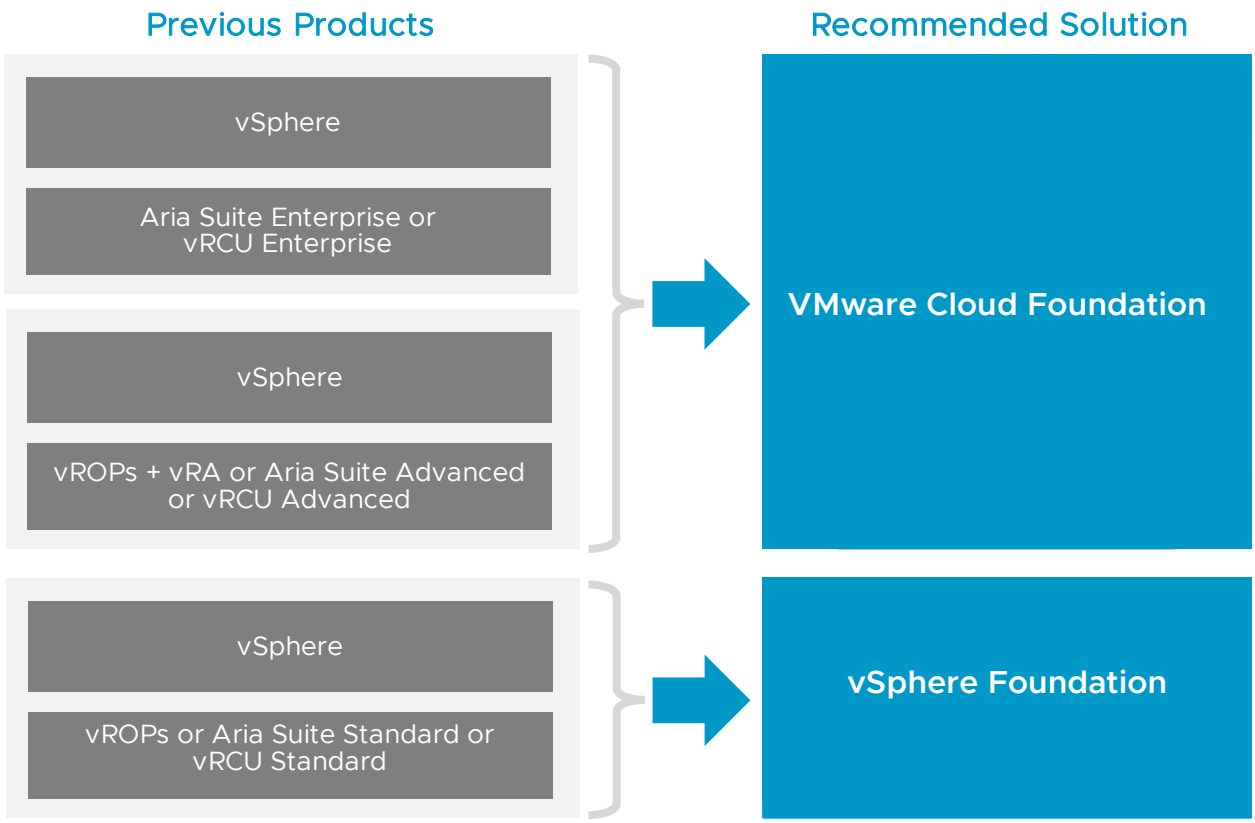
Storage Paths



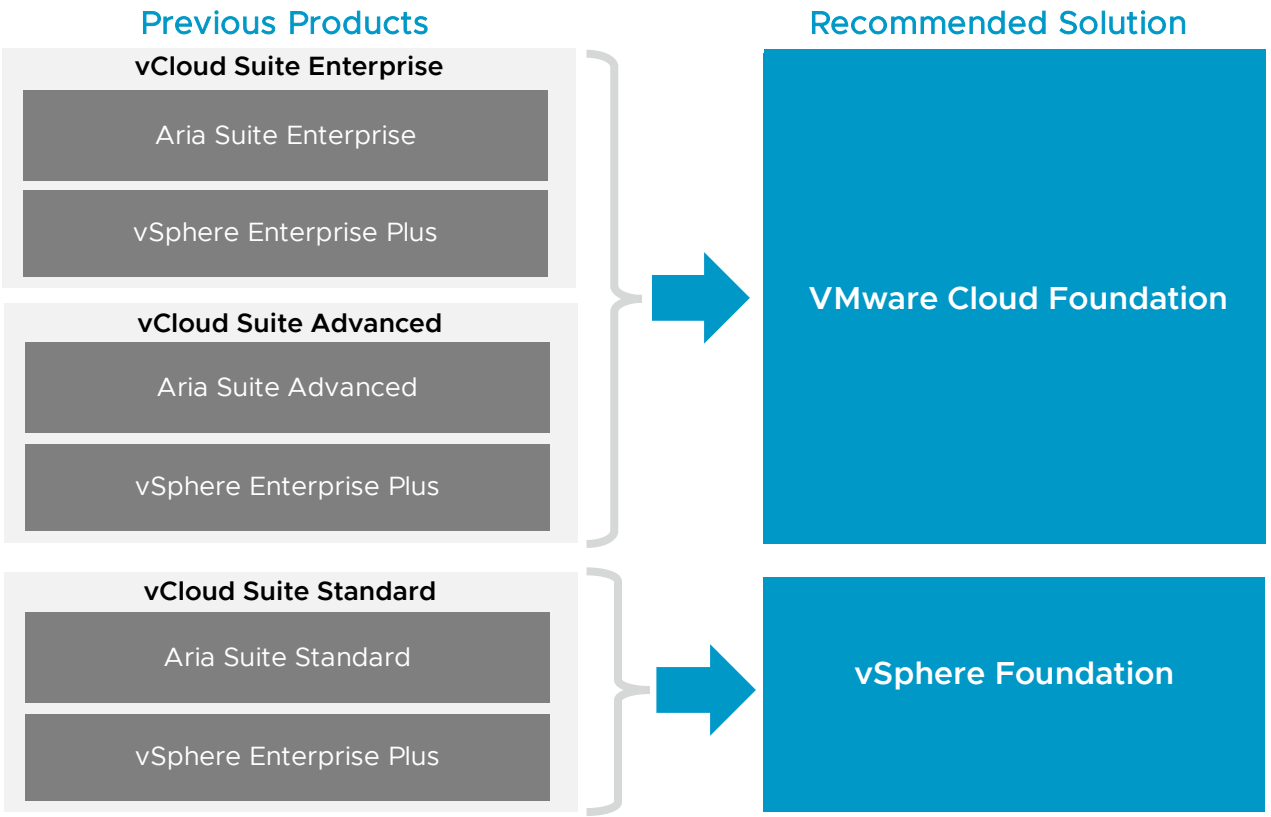
Networking/ Security Paths



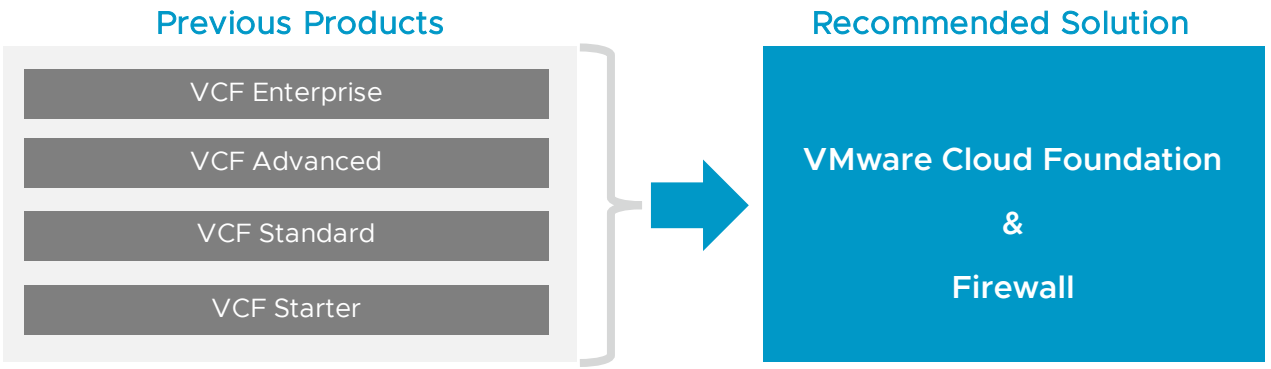
Management Path



vCloud Suite Paths



VCF Paths



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

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