

Choosing The Right VMware Solution For Your Needs

The essential guide to VMware Cloud Foundation (VCF), vSphere Foundation (VVF), vSphere Standard & vSphere Essential Plus Kit



Introduction

This guidebook aims to share the simplified offerings of VMware by Broadcom, specifically focusing on VMware Cloud Foundation (VCF) and VMware vSphere Foundation (vSphere Foundation). Whether you're a seasoned IT professional or just starting your cloud journey, understanding these options will help you choose the right fit for your business needs.

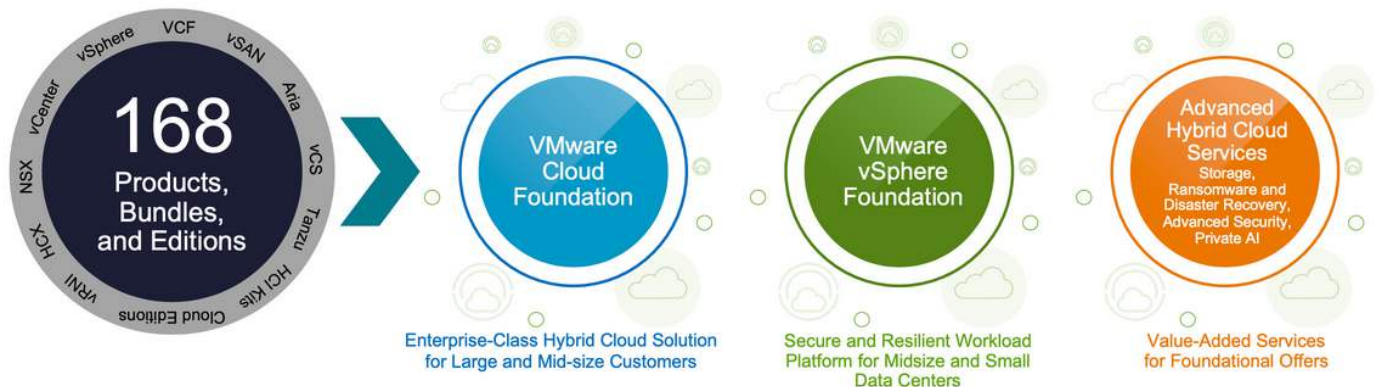
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VMware Portfolio Overview



VMware Cloud Foundation (VCF)

- **Ideal for:** Large and Midsize businesses with complex IT needs.
- **Think of it as:** A powerful toolkit for building hybrid cloud. Hybrid cloud combines your own data center (private cloud) with public cloud services (like AWS or Azure) for maximum flexibility and security.
- **Good for:** Businesses that need advanced features like private AI and robust security across their hybrid cloud environment.

VMware vSphere Foundation (VVF)

- **Ideal for:** Midsize and smaller businesses with on-premise data centers.
- **Think of it as:** A secure foundation for building your own cloud within your data center.
- **Good for:** Businesses wanting to improve efficiency and security by virtualizing their existing servers and workloads. VVF offers a user-friendly starting point for their cloud journey.

VMware vSphere Standard

- **Ideal for:** Small Deployments - provides a good foundation for most virtualization needs.
- **Think of it as:** The core building block for both VCF and VVF.
- **What it does:** Allows you to create and manage virtual machines (VMs) on your physical servers, acting as separate computers and offering greater flexibility and resource optimization.

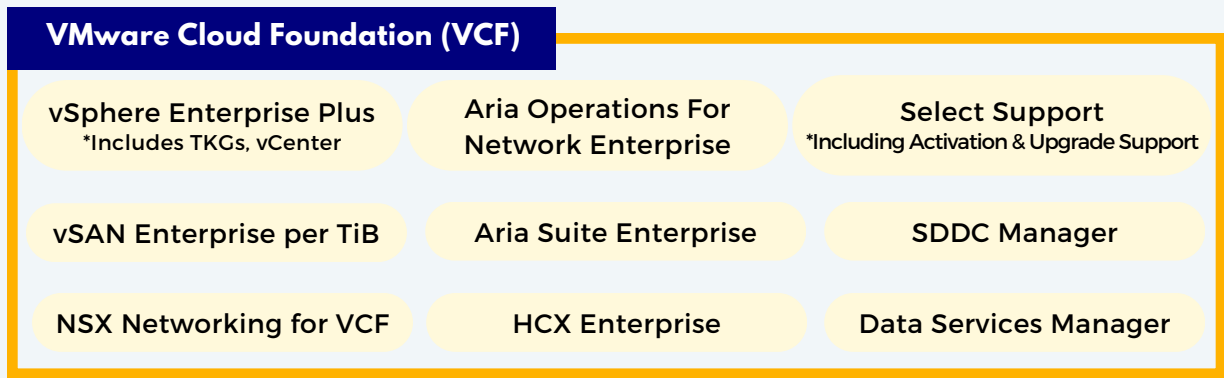
VMware vSphere Essential Plus Kit

- **Ideal for:** Suitable for smaller environments or small deployments with specific requirements.
- **Think of it as:** A Starter Kit for Virtualization. It provides a basic package to get you started with virtualizing your applications and servers, making them more efficient and manageable.
- **What it does:** Enables Server Consolidation. Allows you to run multiple virtual machines (VMs) on a single physical server, saving on hardware costs and simplifying management. This option also offers provides basic vSphere features.

Introducing VMware Cloud Foundation (VCF)

Think of VCF as a comprehensive toolkit for building a robust hybrid cloud infrastructure. It's designed for larger organizations with complex cloud needs, often managing both private and public cloud environments.

What does VMware Cloud Foundation (VCF) comprise of?



All-in-one Platform:

- VCF provides a unified platform encompassing tools for building, managing, and securing your entire hybrid cloud environment.

Advanced Features:

- VCF offers advanced capabilities like private AI and sophisticated security solutions.

Hybrid Cloud Management:

- VCF integrates seamlessly with various public cloud providers, allowing you to manage your entire cloud infrastructure (on-premise and public cloud) from a single platform.

Ideal for:

- Large and midsize enterprises with complex cloud requirements.
- Businesses needing to manage both on-premise and public cloud environments.
- Organizations requiring advanced features like private AI and enhanced security.

Licensing

- Subscription
- Disconnected, optional connectivity in future
- Per core pricing
- 16 cores per CPU minimum
- 1-, 3- and 5-year terms (moving to Broadcom system May 2024. Broadcom system supports annual billing and co-term)
- Termination for Convenience (TFC)
- vSAN: 1 TiB per core
- Select Support: superior global support with better SLA, senior VMware engineers, and Root Cause Analysis
- It is strongly recommended to attach the Support Account Manager Add-On to accompany Select Support
- Full VMware Cloud Foundation stack (including SDDC Manager) must be deployed to be entitled to Activation and Upgrade Support



Introducing VMware vSphere Foundation (VVF)

vSphere Foundation provides a secure and reliable foundation for running virtual machines (VMs) and workloads on-premise. Think of it as a solid building block for your cloud journey within your own data center.

What does VMware vSphere Foundation (VVF) comprise of?

VMware vSphere Foundation (VVF)

vSphere Enterprise Plus
*Includes TKGs, vCenter

vSAN Enterprise
*100 GiB per core

Aria Suite Standard

Simplified Platform:

- vSphere Foundation focuses on core functionalities, making it easier to set up and manage compared to VCF.

On-Premise Focus:

- This offering is geared towards building a secure and reliable foundation for running workloads on your own hardware.

Cost-Effective Option:

- Ideal for organizations starting their cloud journey or those primarily focused on on-premise virtualized environments.

Ideal for:

- Midsize and smaller data centers with less complex cloud needs.
- Businesses looking for a secure and reliable platform for on-premise VMs.
- Organizations seeking a cost-effective entry point into cloud computing.

Licensing

- Subscription
- Disconnected, optional connectivity in future
- Per core pricing
- 16 cores per CPU minimum
- 1-, 3- and 5-year terms (moving to Broadcom system May 2024. Broadcom system supports annual billing and co-term)
- Termination for Convenience (TFC)
- Includes Production Support
- vSAN Ent 100 GiB free will be included in next release



Introducing VMware vSphere Standard

vSphere Standard is your gateway to virtualization for businesses that has a smaller requirement, it provides a secure and reliable foundation for running virtual machines (VMs) and workloads on-premise. Think of it as an entry point level for your virtualization journey within your own data center.

What does VMware vSphere Standard comprise of?

VMware vSphere Standard

vSphere Standard

vCenter Standard

Licensing

- Subscription
- Disconnected, optional connectivity in future
- Per core pricing
- 16 cores per CPU minimum
- 1-, 3- and 5-years (1-, 3- and 5-year SKU in December; single SKU May 2024 on Broadcom system. Broadcom system supports annual billing and co-term)
- Termination for Convenience (TFC)
- Includes Production Support

✓ Simplified Platform:

- vSphere Standard focuses on basic server consolidation functionalities, making it easier to set up and manage compared to VVF.

✓ Improved Scalability & Flexibility:

- This offering is geared towards enabling you to scale upwards as your business grows as this option has unlimited hosts, CPU and core limits.

✓ Cost-Effective Option

- Ideal for organizations starting their virtualization journey on-premise or those looking to expand their existing environment by reducing hardware costs.

✓ Ideal for:

- Small and mid-sized businesses embarking on their virtualization journey or seeking to scale existing virtual environments.
- Organizations prioritizing a secure and reliable foundation for on-premises VMs, with the flexibility to grow as needed.
- Cost-conscious businesses looking for an affordable entry point into virtualization.



Introducing VMware vSphere Essential Plus Kit

vSphere Essentials Plus Kit is a suitable solution for businesses with limited IT resources. It offers preconfigured 96-192 core virtualization features for up to 3 physical servers (hosts), providing a stepping stone on your data center virtualization journey.

What does VMware vSphere Standard comprise of?

VMware vSphere Standard

vSphere Essential Plus
*96-cores

vCenter Essentials

Licensing

- Subscription
- Disconnected
- 96-core starter pack
- 16 cores per CPU minimum; 3 hosts maximum
- 1-, 3- and 5-years (1-, 3- and 5-year SKU in December; single SKU May 2024 on Broadcom system. Broadcom system supports annual billing and co-term)
- Termination for Convenience (TFC)
- Includes Production Support

✓ Simplified Management:

- vSphere Essential focuses on core functionalities, making it easier to set up and manage compared to VVF.

✓ Improved Efficiency:

- Ideal for organizations looking to consolidate servers and increase effective utilization of resources.

✓ Ideal for:

- Small businesses looking to consolidate their servers and improve resources utilization.
- Organizations prioritizing a secure and reliable foundation for on-premises VMs.

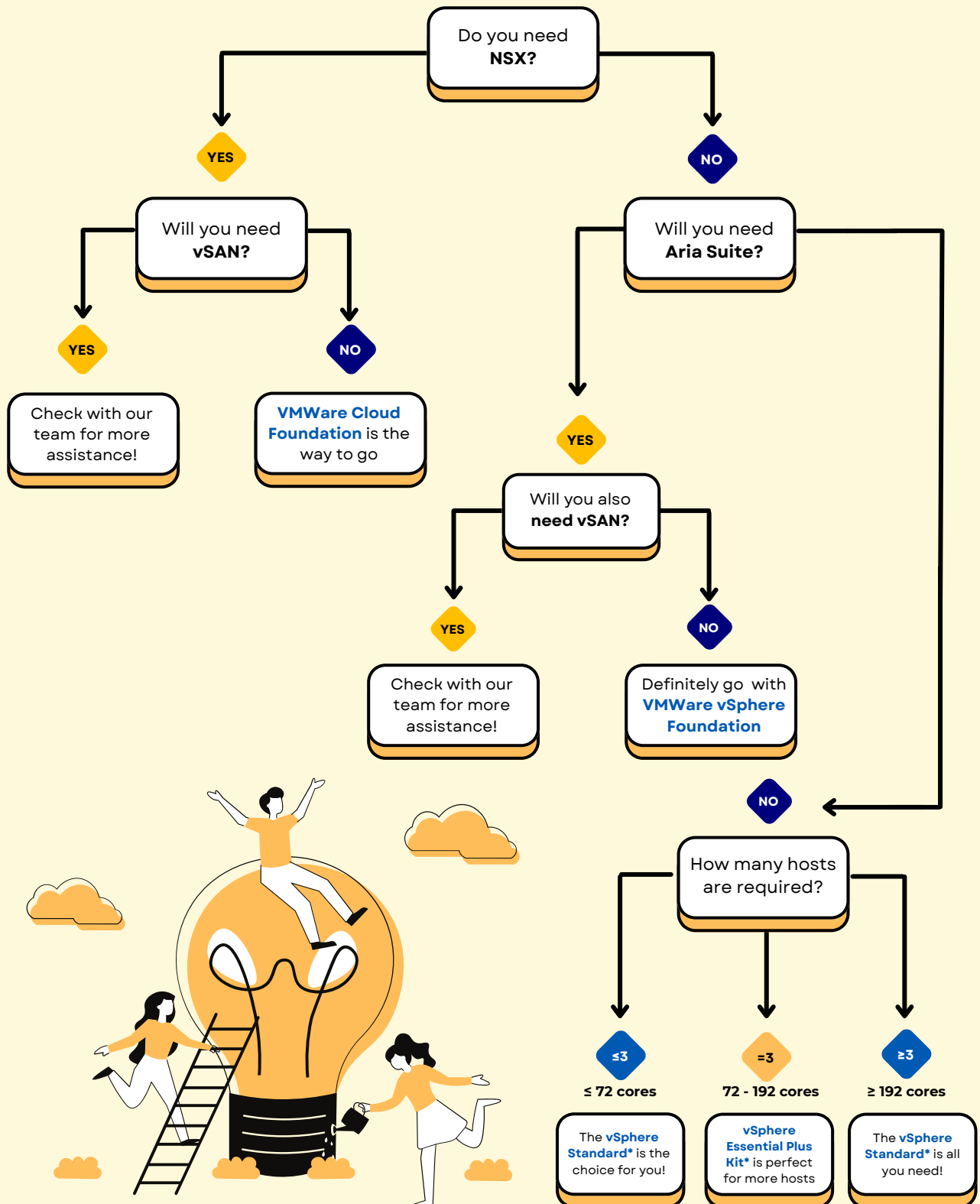


Overview Comparison Between Licenses

Item	VCF	VVF	vSphere Standard	vSphere Essential
Subscription	✓	✓	✓	✓
Termination For Convenience	✓	✓	✓	✓
Per Core Pricing	✓	✓	✓	✓ From 96 - 192 cores only
Optional Connectivity In Future	✓	✓	✓	✗
Connectivity	Disconnected	Disconnected	Disconnected	Disconnected
Billing Term	1, 3 & 5 Years	1, 3 & 5 Years	1, 3 & 5 Years	1, 3 & 5 Years
Minimum Core	16 per CPU	16 per CPU	16 per CPU	16 per CPU (96core Starter Pack)
Maximum Core Limit	✗	✗	✗	192 core
Max Host	✗	✗	✗	3 Host
vSan	✓ 1TiB/Core	✓ 100 GiB/Core	✗	✗
NSX Networking	✓	✗	✗	✗
HCX Enterprise	✓	✗	✗	✗
Data Services Manager	✓	✗	✗	✗
SDDC Manager	✓	✗	✗	✗
Aria Operations For Network (AON)	✓	✗	✗	✗
Aria Suite	Aria Suite Enterprise	Aria Standard	✗	✗
Support Type	Select Support	Production Support	Production Support	Production Support
Add-ons Availability	✓	✓	✗	✗

As A VMware User What Is My Next Step?

Requirements Roadmap: Charting Your VMware Course



Note: *Subject to pricing and the number of cores required.

If you're still unsure, click [here](#) to take the quiz!

List of EOA Products

VMware vSphere Enterprise Plus
VMware vSphere+
VMware vSphere Standard (excluding subscription)
VMware vSphere ROBO
VMware vSphere Scale Out
VMware vSphere Desktop
VMware vSphere Acceleration Kits
VMware vSphere Essentials Kit
VMware vSphere Essentials Plus Kit (excluding new subscription offering)
VMware vSphere Starter/Foundation
VMware vSphere with Operations Management
VMware vSphere Basic
VMware vSphere Advanced
VMware vSphere Storage Appliance
VMware vSphere Hypervisor
VMware Cloud Foundation (excluding new VCF subscription offering)
VMware Cloud Foundation for VDI
VMware Cloud Foundation for ROBO
VMware SDDC Manager
VMware vCenter Standard
VMware vCenter Foundation
VMware vSAN
VMware vSAN ROBO
VMware vSAN Desktop
VMware HCI Kit
VMware Site Recovery Manager
VMware Cloud Editions/Cloud Packs
VMware vCloud Suite
VMware Aria Suite (formerly vRealize Suite)
VMware Aria Universal Suite (formerly vRealize Cloud Universal)

VMware Aria Suite Term
VMware Aria Operations for Networks (formerly vRealize Network Insight)
VMware Aria Operations for Networks Universal (formerly vRealize Network Insight Universal)
VMware vRealize Network Insight ROBO
VMware Aria Operations for Logs (formerly vRealize Log Insight)
VMware vRealize Operations 8 Application Monitoring Add-On
VMware Aria Operations
VMware Aria Automation
VMware Aria Automation for Secure Hosts add-on (formerly SaltStack SecOps)
VMware vRealize Automation SaltStack SecOps add-on
VMware Aria Operations for Integrations (formerly vRealize True Visibility Suite)
VMware Cloud Director
Cloud Director Service
VMware NSX
VMware NSX for Desktop
VMware NSX ROBO
VMware NSX Distributed Firewall
VMware NSX Gateway Firewall
VMware NSX Threat Prevention to Distributed Firewall
VMware NSX Threat Prevention to Gateway Firewall
VMware NSX Advanced Threat Prevention to Distributed Firewall
VMware NSX Advanced Threat Prevention to Gateway Firewall
VMware NSX Advanced Load Balancer (excluding Subscription, SaaS)
VMware Container Networking Enterprise with Antrea
VMware HCX
VMware HCX+





1. What's the difference between VMware Cloud Foundation and VMware vSphere Foundation?

- **Cloud Foundation:** This is the more robust option, designed for large and mid-sized enterprises with complex hybrid cloud needs. It offers comprehensive features for building, managing, and securing hybrid and private clouds.
- **vSphere Foundation:** This is a streamlined offering aimed at mid-sized and smaller data centers. It provides a solid foundation for running virtual machines and workloads in a secure and reliable environment, but with a simpler feature set compared to Cloud Foundation.

2. Which one is right for me?

- **Cloud Foundation:** If you're a large or mid-sized company with a complex IT infrastructure or require advanced cloud functionalities like disaster recovery and private AI, Cloud Foundation is likely the better choice.
- **vSphere Foundation:** If you're a smaller company with a simpler IT environment or are just starting your cloud journey, vSphere Foundation could be a good fit for your needs. It offers a cost-effective way to virtualize your workloads.

3. What are the key features of each offering?

- **Cloud Foundation:**
 1. Supports a wider range of hybrid and private cloud deployments.
 2. Offers advanced management tools for automation and orchestration.
 3. Includes features like disaster recovery and workload relocation.
 4. May include optional services like advanced security and private AI.
- **vSphere Foundation:**
 1. Focuses on core virtualization capabilities.
 2. Simpler to set up and manage compared to Cloud Foundation.
 3. Offers a cost-effective entry point into cloud solutions.
 4. May not include advanced features like disaster recovery or private AI (unless added separately).

4. How much do these offerings cost?

- The cost will vary depending on your specific needs and the scale of your deployment. It's recommended to reach out to our respective Account Managers for a personalized quote.

5. How do I get started with Cloud Foundation or vSphere Foundation?

- The best way to get started is to reach out to our respective Account Managers for consultation. They can assess your needs and recommend the appropriate solution, guide you through the implementation process, and provide ongoing support.



6. Can I upgrade from vSphere Foundation to Cloud Foundation later?

- Yes, depending on your specific environment and needs, it may be possible to upgrade from vSphere Foundation to Cloud Foundation in the future. However, this process might involve additional resources and considerations. It's best to discuss this with our respective Account Managers.

7. Where can I learn more about these offerings?

- Feel free to contact our representatives for a tailored consultation, or simply send an email to marketing@igsb.com.my and our representatives will promptly assist you. We're here to help assess your unique requirements and suggest the optimal Foundation and services for your enterprise.

8. In what ways can IGS assist me in transitioning to alternative VMware offerings given my existing VMware environment?

- Our team of VMware experts will evaluate compatibility and offer customized recommendations for selecting the optimal alternative VMware offerings for your requirements.

9. Why should I choose IGS as the preferred option for VMware offerings?

- IGS, awarded as a VMware Premier Partner in Malaysia, exemplifies a track record of excellence and deep expertise within the VMware ecosystem. Our demonstrated success showcases our proficiency in delivering customized VMware solutions designed to meet the unique needs of businesses like yours.

10. How does IGS being a VMware Premier Partner benefit me?

- As a Premier Partner, we benefit from comprehensive training, technical resources, and direct support from VMware by Broadcom. This equips us with advanced expertise in deploying and overseeing VMware solutions for your organization. Leveraging our profound understanding of VMware technologies and insights into your operations, we specialize in crafting bespoke VMware solutions tailored precisely to your needs.

Still Unsure? We're Here to Help!

Understanding your unique business requirements is key to choosing the right cloud solution. We can help to assess your needs and recommend the best solution and additional services to empower your cloud journey.



Talk To Us

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