

Certification Preparation

VCP-VCF Administrator v9.0
VCP-VCF Architect v9.0

Agenda

- Exam Overviews
- Exam Objectives
- Sample Questions
- How to register for an Exam
- Tips & Tricks
- Additional Resources
- Q&A

Exam Overview

VCP-VCF Administrator

Exam Overview: VCP-VCF Administrator

VCP - VCF Administrator for VCF 9

The VMware logo, featuring the word "vmware" in a lowercase sans-serif font with a registered trademark symbol (®) at the end.

by Broadcom

**CERTIFIED
PROFESSIONAL**

VMware Cloud Foundation
Administrator

"This certification validates the skills required to deploy, manage, and support private cloud environments built on VMware Cloud Foundation (VCF)."

Duration	135 minutes
Questions	60 (English)
Passing score	300 (Scaled)
Format	Multiple choice
Proctored?	Yes (Physical or Virtual)
Delivery Partner	Pearson VUE
Exam ID	English (2V0-17.25)

Exam Overview: VCP-VCF Administrator

Exam Guide - tells you exactly what you need to study



The screenshot shows the Broadcom website's VMware Learning section. It displays the "VMware Certified Professional - VMware Cloud Foundation Administrator (2V0-17.25)" page. A red arrow points from the "Exam Study Guide" button on the left to the "Exam Details" box on the right. The "Exam Details" box contains the following information:

Language: English
Duration: 135 Minutes
Number of Questions: 60 (English)
Format: Multiple Choice, Multiple Choice Multiple Selection
Passing Score: 300

Overview: The VMware Certified Professional - VMware Cloud Foundation Administrator (VCP-VCF Admin) certification validates the skills required to deploy, manage, and support private cloud environments built on VMware Cloud Foundation (VCF). This certification is designed for IT professionals expanding from traditional infrastructure roles to cloud administration. Candidates for this certification includes professionals responsible for implementing and maintaining VCF infrastructure, ensuring it meets organizational service level objectives for availability, performance, and security. By achieving this certification, professionals demonstrate their ability to effectively operate VCF environments.

Register for Exam
Exam Study Guide

Exam Details (Last Updated: 8/15/2025)
The VMware Cloud Foundation Administrator (2V0-17.25) exam, which leads to VMware Certified Professional – VMware Cloud Foundation Administrator certification (VCP-VCF Administrator), is a 60-item exam with a passing score of 300 using a scaled method. Candidates are given an appointment time of 135 minutes, which includes adequate time to complete the exam for non-native English speakers.

Exam Delivery: This is a proctored exam delivered through Pearson VUE. For more information, visit the [Pearson VUE website](#).

Certification Information: For details and a complete list of requirements and recommendations for attainment, please reference the [VMware Education Services – Certification website](#).

VMware Cloud Foundation 9.0 Administrator

Exam Overview: VCP-VCF Administrator

Minimally Qualified Candidate?

vmware®

by Broadcom

**CERTIFIED
PROFESSIONAL**

VMware Cloud Foundation
Administrator

- ✓ Knowledgeable in the features, functions, and architecture of VCF and its components.
 - vSphere + vCenter + vSAN + Supervisor
 - NSX
 - VCF Identity Broker
 - VCF Automation
 - VCF Operations
 - VCF Fleet Management
 - VCF Operations for Logs
 - VCF Operations for Networks
 - VCF Operations HCX
- ✓ Minimum of one year experience working in IT and should have a foundational knowledge in general enterprise IT topics.
- ✓ 6 months experience working with either VCF or the individual VCF components.
- ✓ May occasionally need to research advanced VCF topics (such as command line utilities) or request assistance to troubleshoot complex scenarios.

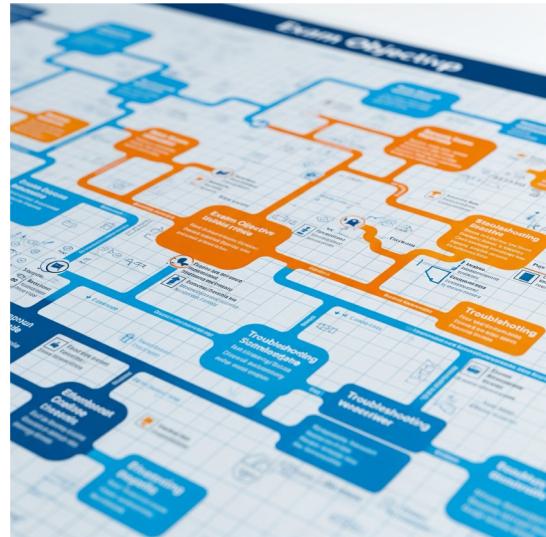
Exam Objectives

VCP-VCF Administrator

Section 2 – VMware Cloud Foundation Fundamentals

Objective: 2.1 - Private Cloud Vision

Describe the principles, use cases, and value proposition of Private Cloud.



Just one thing to know here for this objective...
Can you explain the value proposition of Private Cloud to your boss (or your grandmother)?

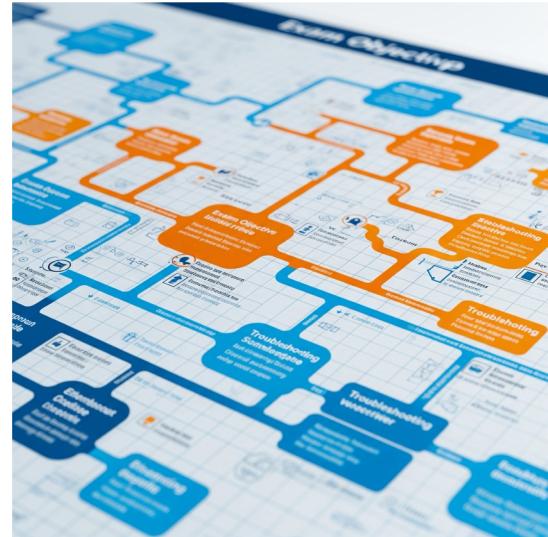
Section 2 – VMware Cloud Foundation Fundamentals

Objective: 2.2 - VMware Compute Fundamentals

Given a scenario...

Deploy and configure VCF compute components (**vCenter and ESX**) & **vSphere Clusters**.

Deploy, configure, and manage **virtual machines** through vCenter.



Do you have a firm grasp server virtualization (let's hope so eh!)?

Section 2 – VMware Cloud Foundation Fundamentals

Objective: 2.3 - VMware Storage Fundamentals

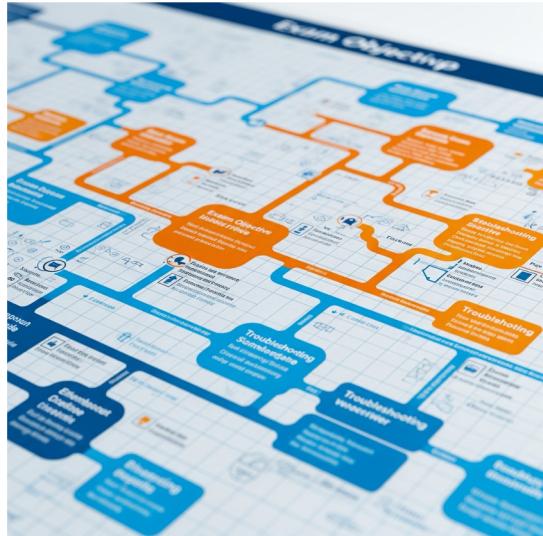
Given a scenario...

Describe the use cases for VMware vSAN **ESA** or VMware vSAN **OSA**.

Configure **vSphere storage & vSAN Storage policies**, and **vSAN storage cluster**.

Identify the options for **resilience and data availability** in VMware vSAN.

Describe the purpose of **vSAN space efficiency**.



When we say *Storage Fundamentals*, we really mean (mostly) vSAN. Get to know it! Both OSA and ESA.

Section 2 – VMware Cloud Foundation Fundamentals

Objective: 2.4 - VMware Networking Fundamentals

Given a scenario...

Differentiate between VCF **networking components**.

Configure networking **fabrics and features, connectivity and routing, networking services**.



You need to go beyond the standard vSphere or NSX networking capabilities to understand the new networking capabilities in VCF like VPCs and distributed/centralized gateways.

Section 4 – Deploy, Configure, and Operate VMware Cloud Foundation (VCF)

Objectives: 4.1 - VCF: Deploy and Configure

Identify the components of a VCF deployment.

Given a scenario...

Identify the appropriate VCF deployment models.

Describe the deployment of a VCF-based private cloud.

Identify the additional components required to complete the deployment of a VCF-based private cloud.

Describe the deployment of and configure a VCF Network Gateway

Describe the deployment of VCF Networking

Describe the deployment of a Workload Domain in VCF.

Configure Workload Domain storage.

Configure Supervisor within a Workload Domain.



Get up to speed on the VCF architecture and components, including Supervisor.

Understand what's new in VCF networking (hint: VPCs!) & workload domain storage options.

Section 4 – Deploy, Configure, and Operate VMware Cloud Foundation (VCF)

Objectives: 4.2 - VCF: Manage

Given a scenario...

Differentiate between the **Fleet Management** capabilities in VCF Operations.

Configure Identity Management and Role-based Access Control (RBAC) in VCF.

Configure license management within VCF.

Configure certificate management within VCF.

Configure Password Management within VCF.

Identify the tasks and processes required to complete the **import of an existing vCenter** into VCF.

Manage the **lifecycle** of VCF.



Get up to speed on the core VCF capabilities on licensing, certificates, password & lifecycle management. Understand what's involved in importing an existing vSphere environment into VCF.



Section 4 – Deploy, Configure, and Operate VMware Cloud Foundation (VCF)

Objectives: 4.3 - VCF: Operations

Given a scenario...

Identify the use case for **VCF Network Operations** and **VCF Operations (Logs)**

Describe the **cluster components and deployment options of VCF Operations**

Differentiate between **metrics and properties**

Create **custom Views and Reports** in VCF Operations

Create and share **dashboards** in VCF Operations

Configure **Alerting** in VCF Operations

Monitor **log events** in VCF Operations

Monitor VCF components using **VCF Health and Diagnostics**

Monitor networks using **VCF Network Operations**

Monitor vSAN storage using **VCF Storage Operations**

Configure VCF Operations **policies**

Monitor applications using VCF Operations

Monitor **security hardening and compliance** using VCF Operations

Configure **configuration drift** in VCF Operations



VCF Operations is the new center of the universe for Admins. Get to know it well!

Section 4 – Deploy, Configure, and Operate VMware Cloud Foundation (VCF)

Objectives: 4.4 – VCF: Consume and Automate

Given a scenario...

Identify the **use cases** for VCF Automation

Describe the **components and deployment options** of VCF Automation

Configure a **Region** in VCF Automation

Configure **multi-organizational tenancy** in VCF Automation

Configure **provider networking** in VCF Automation

Configure a provider **content library** in VCF Automation

Complete tasks as an **organizational administrator** in VCF Automation

Configure **organizational networks** in VCF Automation

Create and manage **content** in VCF Automation

Use **extensibility** to automate business processes in VCF Automation

Create and manage organizational **governance policies** in VCF Automation

Describe the deployment of **Supervisor-based Services** in VCF



VCF Automation gives us private cloud capabilities; new in v9 ... multi-tenancy with provider / org networks and roles (a lot like Cloud Director) along with Supervisor integration and VPCs. Get hands-on with these capabilities to make sure you're familiar with them.

Exam Overview

VCP-VCF Architect

Exam Overview

VCP - VCF Architect for VCF 9



"The candidate can design a VMware Cloud Foundation (VCF) solution that meets stakeholder requirements."

Duration	135 minutes
Questions	60 (English)
Passing score	300 (Scaled)
Format	Multiple choice
Proctored?	Yes (Physical or Virtual)
Delivery Partner	Pearson VUE
Exam ID	English (2V0-13.25)

<https://www.broadcom.com/support/education/vmware/certification/vcp-vcf-architect>

Exam Overview

Exam Guide - tells you exactly what you need to study



The screenshot displays the Broadcom Support Portal. At the top, there's a navigation bar with links for Products, Solutions, Support and Services, Company, and How To Buy. Below the navigation is a breadcrumb trail: Support and Services / VMware Learning / VMware Certification / VMware Certified Professional - VMware Cloud Foundation Architect (2V0-13.25). The main content area is titled "VMware Certified Professional - VMware Cloud Foundation Architect (2V0-13.25)". On the left, there's an "Overview" section with a description of the certification and a "Register for Exam" button. In the center, a red arrow points from the "Exam Study Guide" button (which is highlighted with a red box) to the "Exam Details" sidebar on the right. The sidebar contains information about the exam: Language: English, Duration: 135 Minutes, Number of Questions: 60 (English), and Format: Multiple Choice, Multiple Choice Multiple Selection. At the bottom of the sidebar, there's a link to "Exam Details (Last Updated: 8/15/2025)". The bottom right corner of the screenshot shows the "vmware by Broadcom" logo.

Exam Overview

Minimally Qualified Candidate?



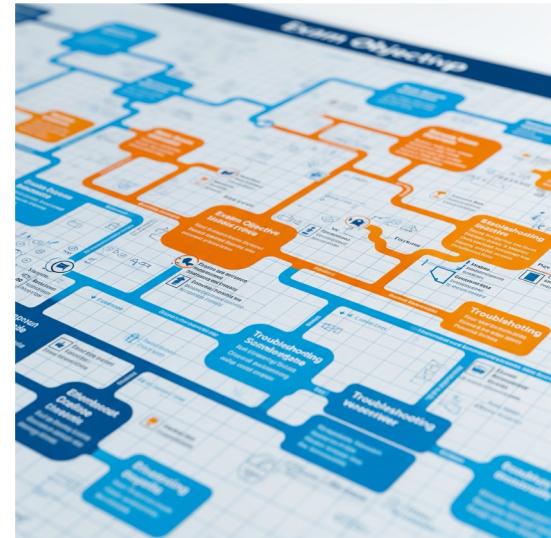
Exam Objectives

VCP-VCF Architect

Section 1 - IT Architectures, Technologies, Standards

Objectives

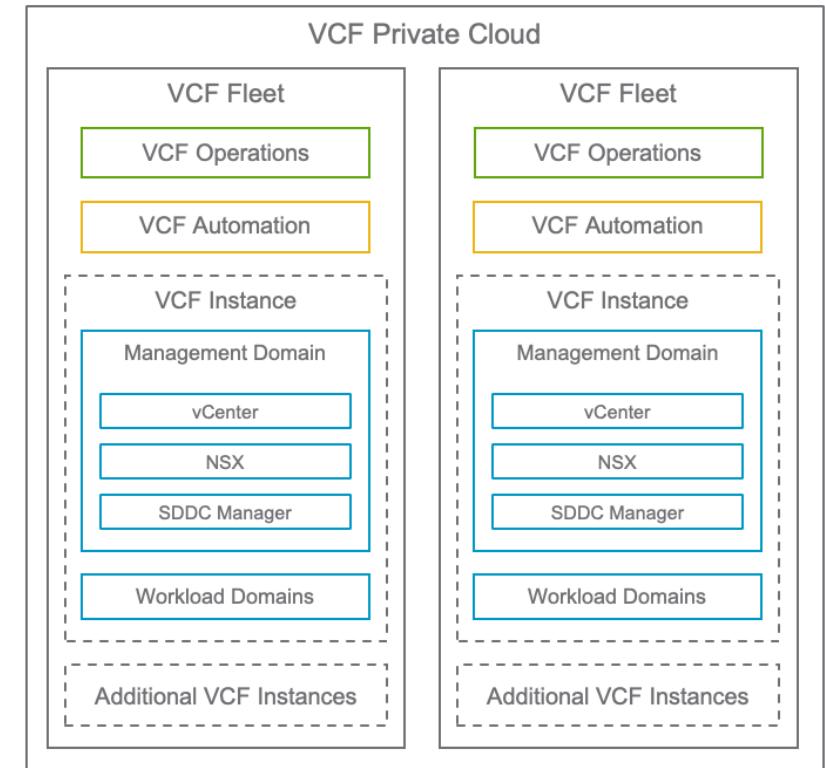
- Differentiate between **business** and **technical** requirements
- Differentiate between a **conceptual** model, **logical** design and **physical** design
- Differentiate between **requirements**, **assumptions**, **constraints** and **risks**
- Differentiate between availability, manageability, performance, recoverability and security (**AMPRS**)
- Develop and document a **risk mitigation** strategy
- Document **design decisions**
- Develop a **design validation** strategy



These are foundational architect skillsets, and not specific to VCF.
Make sure you understand the difference between conceptual, logical, and physical designs.
Do you know the difference between functional and non-functional requirements?

Section 2 – VMware Products and Solutions Objectives

Based on a scenario, **differentiate between VCF architecture options.**



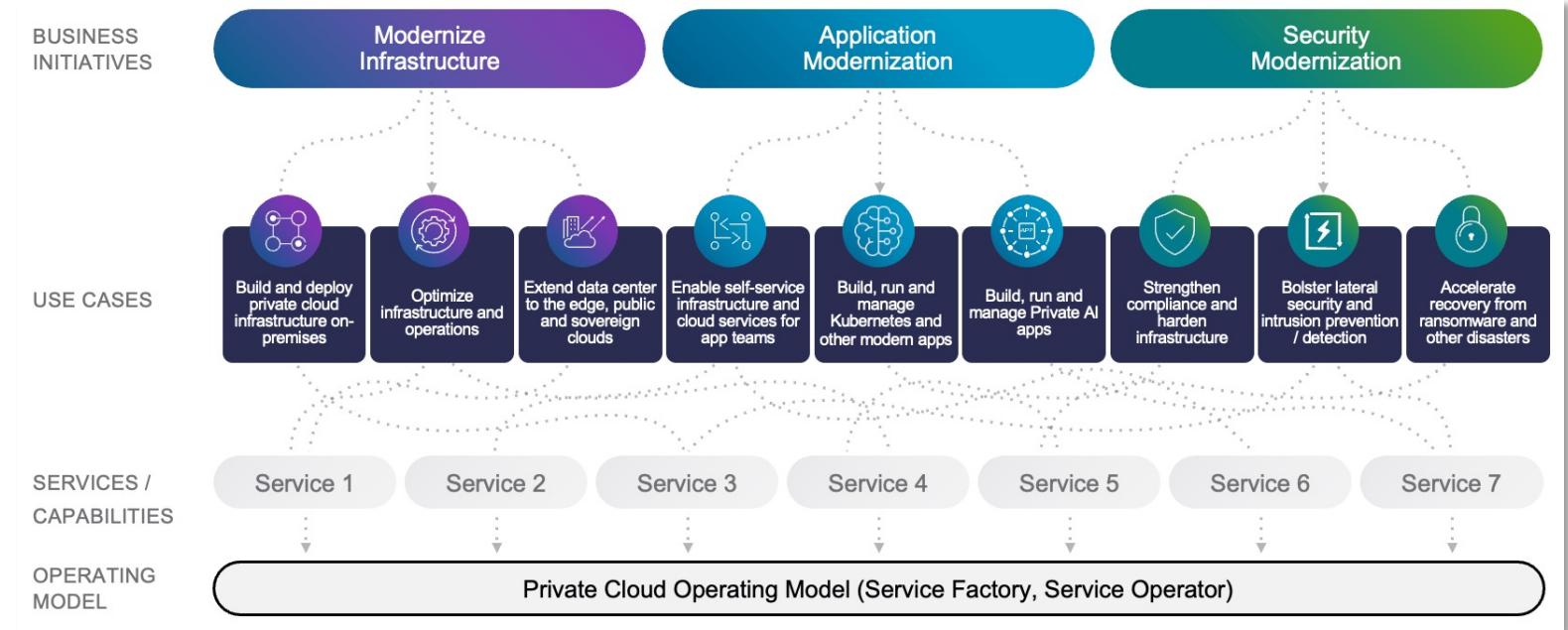
This is quite broad! Think *VCF Fleets & VCF Instances, single and multi-site architectures, management and workload domains*. Know how to apply these building blocks in different use cases.

Section 3 – Plan and Design the VMware Solution

Objectives 3.1 & 3.2

Gather and analyze business **objectives** and requirements.

Given a set of business objectives, create a **conceptual model**.



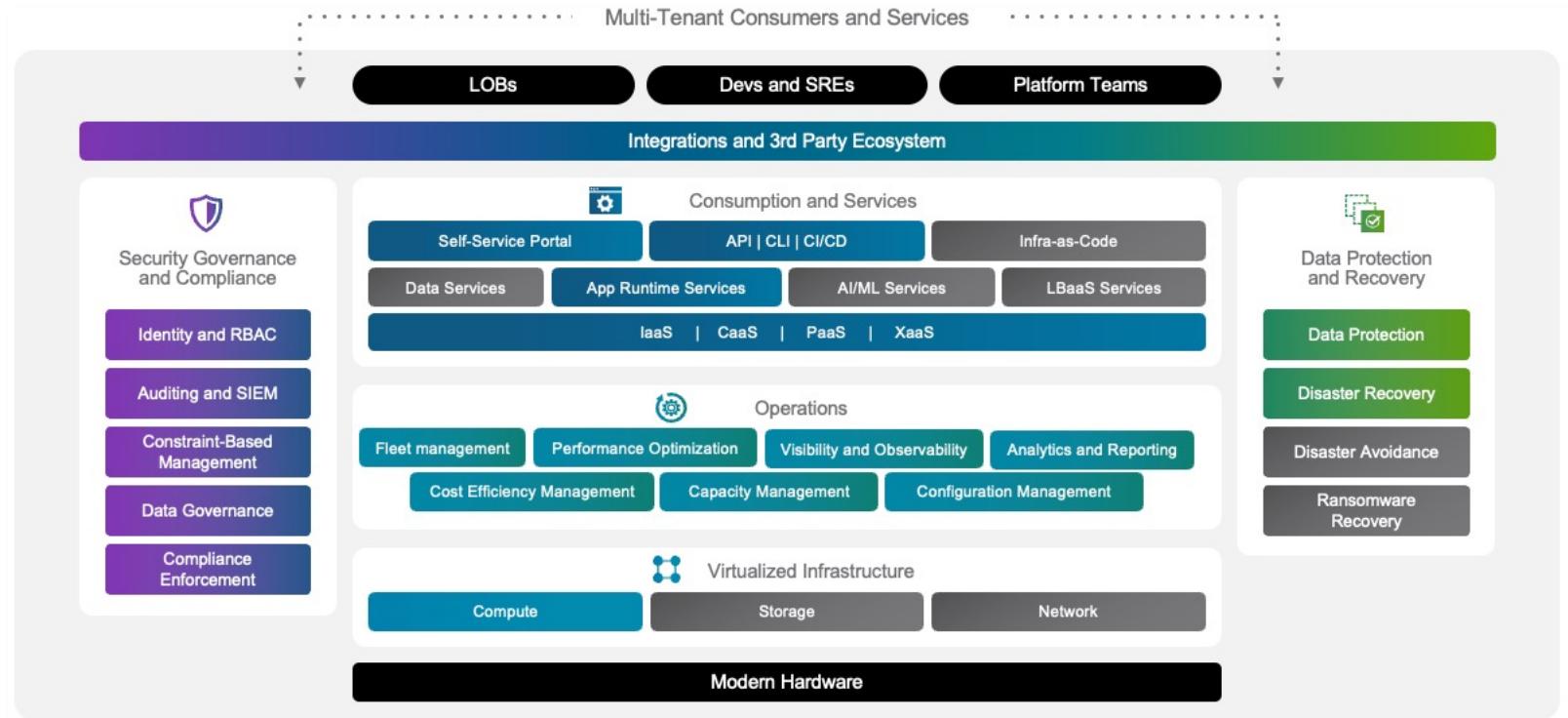
Know how to map business objectives into requirements.
Be able to build a conceptual model that maps those objectives into use cases and underlying capabilities.

Section 3 – Plan and Design the VMware Solution

Objectives 3.3 - Create VMware Cloud Foundation **logical** designs

Given a scenario, identify the **logical** design decision(s) to support:

- Different VCF fleet topologies.
- A network infrastructure
- A VCF management domain
- VCF networking
- VCF Automation
- VCF Operations



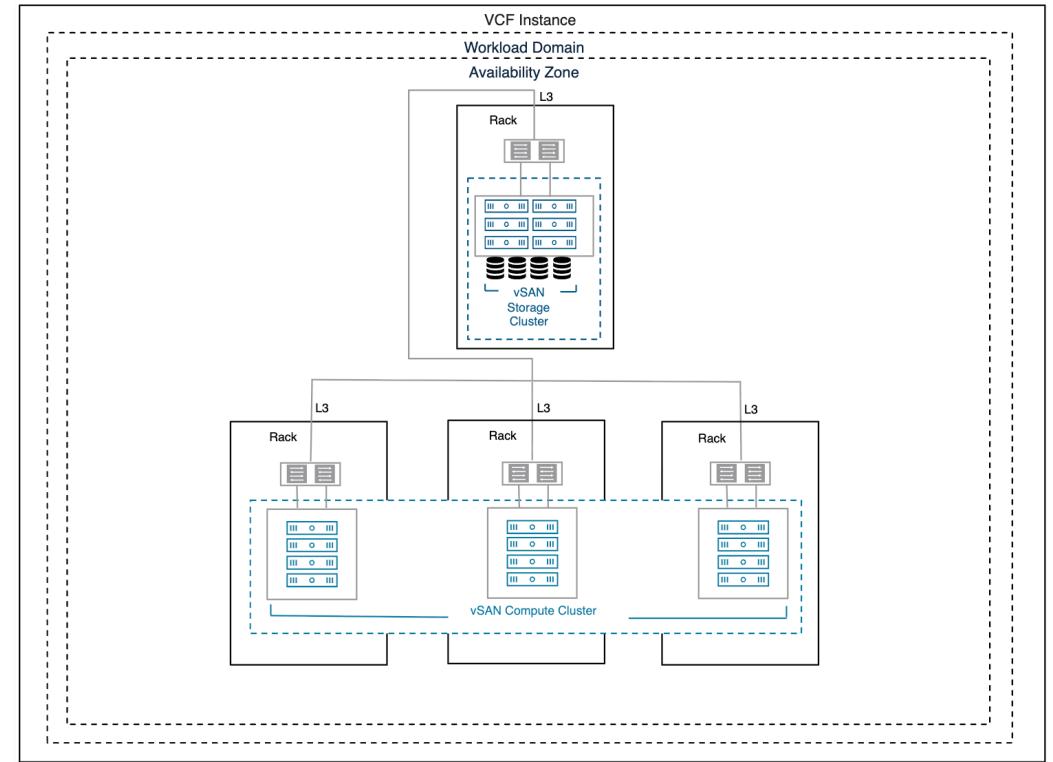
From the conceptual design, you should be able to build a logical design for a VCF solution.

Section 3 – Plan and Design the VMware Solution

Objectives 3.4 - Create VMware Cloud Foundation **physical** designs

Given a scenario, identify the **physical** design decision(s) to support:

- A given VCF Fleet topology.
- A network infrastructure
- A VCF management domain
- A VCF workload domain
- A VCF networking physical design.
- VCF Automation
- VCF Operations



As an architect you need to consider the physical infrastructure requirements that can provide a robust underpinning of a VCF solution.

Section 3 – Plan and Design the VMware Solution

Objectives 3.5 to 3.9 - Design for AMPRS

Availability

Given a scenario, identify the design decision(s) to support:
a solution that provides availability [within an availability zone](#).
a solution that provides availability [across availability zones](#).

Manageability

Design for [Lifecycle Management](#).
Design for [Scalability](#).
Design for [Capacity Management](#).

Performance

Given a scenario, identify the design decision(s) that meet [performance requirements](#).

Recoverability

Given a scenario, identify the design decision(s) to:
Meet [Business Continuity](#) and [Disaster Recovery](#) requirements.

Differentiate between Business Continuity/Disaster Recovery (BCDR) [strategies for Management Components and Workloads](#).

Security

Given a scenario, identify the design decisions for securing [VCF Management Components and Workloads](#).



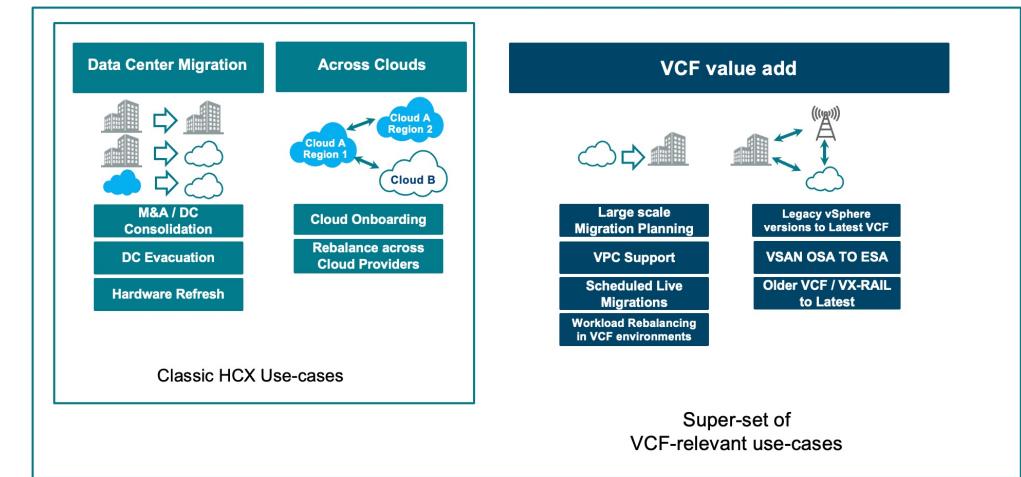
AMPRS is a universal theme in solution design.
As an Architect, make sure you understand each of these areas as it relates to VCF.

Section 3 – Plan and Design the VMware Solution

Objectives 3.10 - Design a Workload Migration / Onboarding strategy

Given a scenario, identify the design decisions for workload migration into a VCF environment.

Migration using HCX	VM State	Data Transfer	VM Migration
Bulk Migration	On	HBR	Warm
Replication Assisted vMotion	On	HBR + vMotion (IX-based)	Hot
HCX Assisted vMotion	On/Off	vMotion when On NFC when Off	Hot
HCX vMotion	On	MA vMotion (IX-based)	Hot
Cold Migration	Off	NFC	Cold
OS Assisted Migration	On	Sentinel Agent	Warm



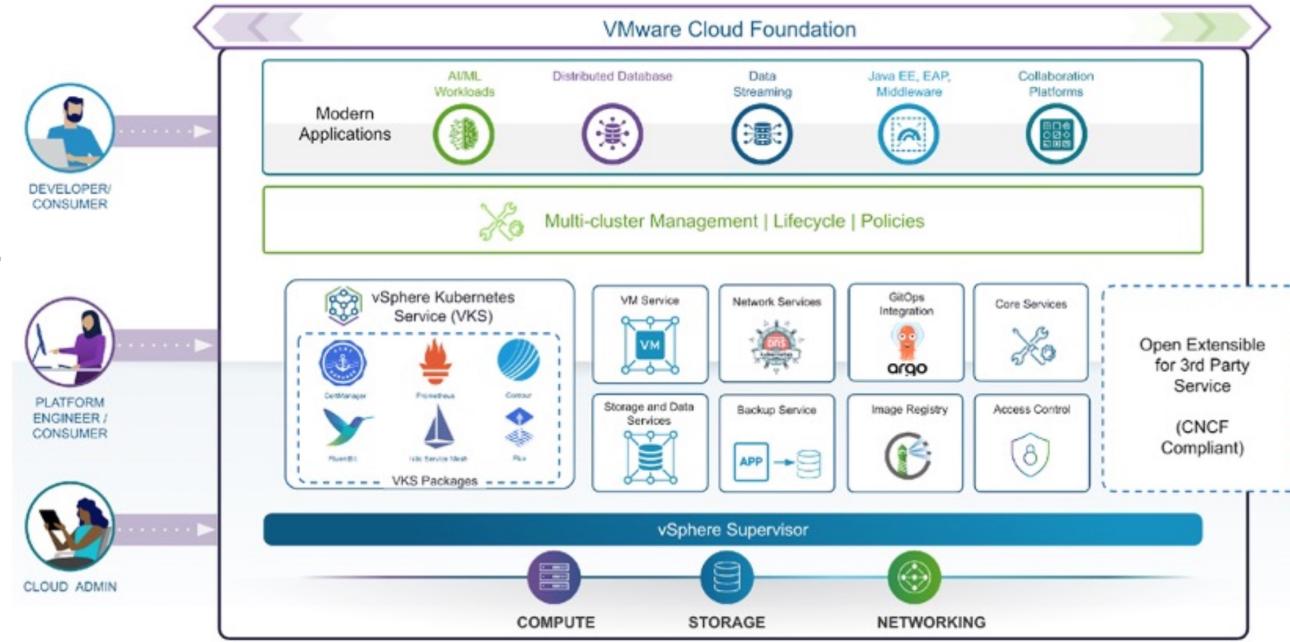
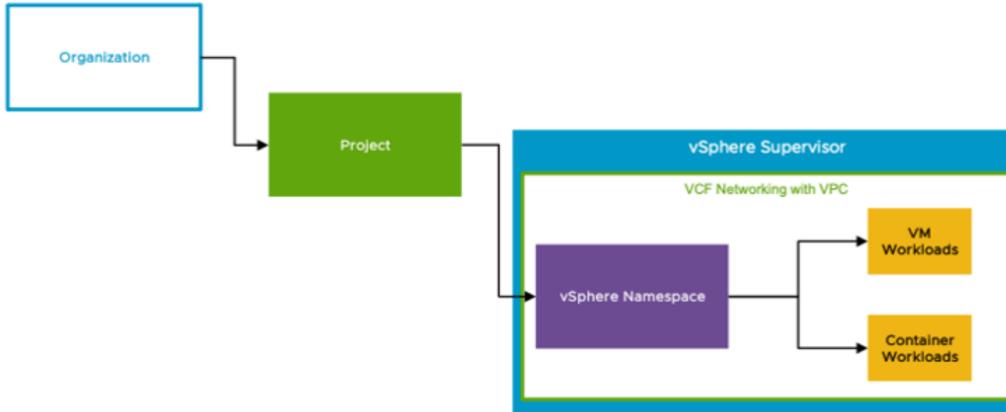
Generally, we're talking about HCX and which migration technique we might use for each workload.

Section 3 – Plan and Design the VMware Solution

Objectives 3.11 - Design a consumption strategy for VMware Cloud Foundation (VCF)

Given a scenario, identify the design decision(s) for:

- VCF Automation tenant design.
- Self-service & governance.
- Automating VCF infrastructure components.
- Supporting Modern Applications in VCF environment.



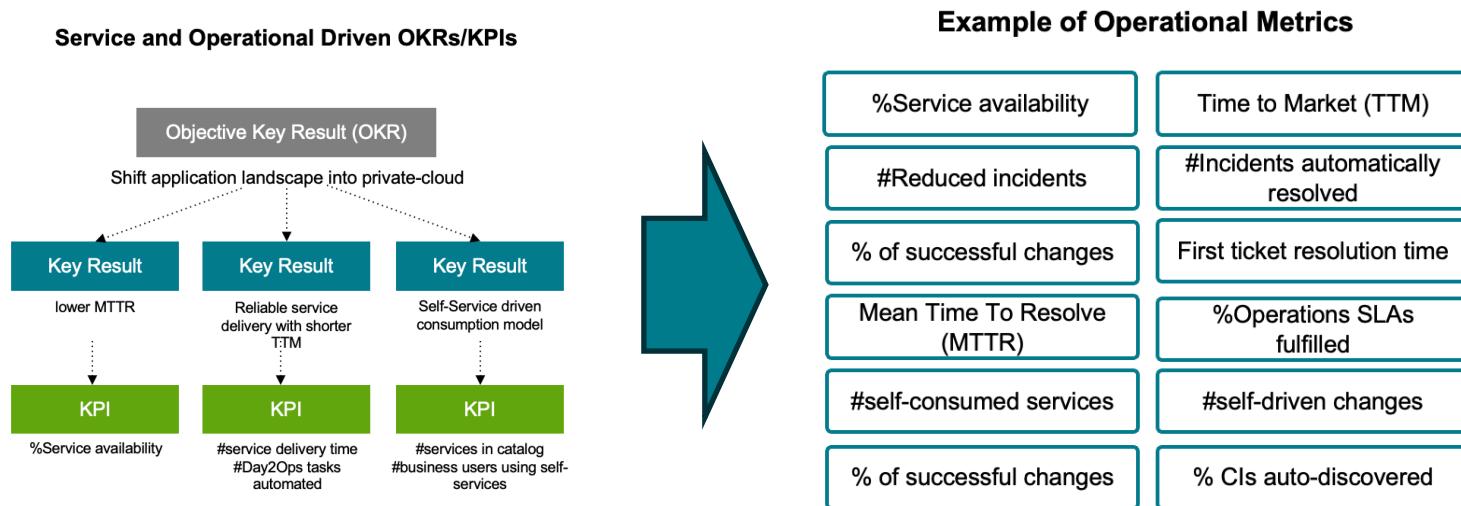
Consumption is the whole point of VCF! Make sure you understand the capabilities of VCF Automation and how it can service the needs of different tenants and consumers such as developers.

Section 3 – Plan and Design the VMware Solution

Objectives 3.12 - Design a monitoring strategy for VMware Cloud Foundation (VCF)

Given a scenario, identify the design decision(s) for:

- Monitoring VCF management components.
- Monitoring VCF Workloads.



Do you know how to translate business KPIs into meaningful VCF Operations dashboards?
Do you know how to effectively monitor the critical management infrastructure components?

How to register for the Exam

One-Time Process to Create Your Certmetrics Partner User Profile

This process is for you if you currently have a Broadcom Partner User account (i.e., you can access the Broadcom Partner Portal and the Learning@Broadcom learning management system) BUT you have not yet created a Certmetrics Partner User profile. A Certmetrics Partner User profile is required in order to issue any Broadcom Partner certification to you.

1. Go to the URL: <https://cp.certmetrics.com/vmware/>. (You will be automatically re-directed to: https://access.broadcom.com/default/ui/v1/signin/)
2. Enter your Username (corporate email address) and click “Next”.
3. On the next screen, click the text “Need Help Signing In?”. A short menu will unfold.
4. Click the “Register Link” text. The Broadcom Support Portal will open.
5. Enter your Username again (corporate email address), solve the challenge, and click “Next”.
6. An email from “Customer Support” will arrive in your inbox with the Subject line “Broadcom Registration Notice – Verification Code”.

The screenshot shows the Broadcom Customer Sign-In page. It features a "BROADCOM" logo at the top. Below it is a "Broadcom Inc. Customer Sign-In" section with "Username" and "Password" input fields. There is a "Remember me" checkbox and a "Sign In" button. At the bottom of this section, there is a link labeled "Need help signing in?".

Steps
3 & 4

The screenshot shows a "User Registration" form titled "Create your Account". It has an "Email Address" field containing "name@company.com". Below it is a CAPTCHA image with the text "FFMA" and a "Enter text from image" input field. At the bottom is a "Next" button.

⚠ Use of a shared email account or a distribution list (PDL) is a security risk and a violation of the [Terms of Use](#) for this Site.

Step 5

One-Time Process to Create Your Certmetrics Partner User Profile

7. Enter the verification code from the email into the “Verify your Email Address” screen and click “Verify & Continue”.
8. Fill in all the mandatory fields on the “Complete Your Registration” form, accept the Terms of Use, and click “Create Account”.
9. The “Registered Successfully!” screen will appear next. You can click “I’ll do it later” here.
10. You will receive another email from Customer Support with the subject line “Broadcom Inc – Welcome to Broadcom Single Signon (SSO)!”. To complete your account activation, click the “Activate SSO Account” button in that email.
11. Complete any required fields for your profile and click “Submit”.
12. Return to <https://cp.certmetrics.com/vmware/> and enter your username and password to log in.

Step 7

Verify your Email Address
Enter the verification code sent to
corporate_email@yourdomain.com

1

Didn't receive the code? [Resend](#)
Having trouble? [Click here for help.](#)

Verify & Continue

Step 8

Complete your Registration

* First Name
Enter First Name

* Last Name
Enter Last Name

* Country
Select Country

Job Title
Select Job Title

* Password
Enter Password

* Confirm Password
Re-enter Password

I accept the [Terms of Use](#). Your privacy is important to us. Please see our [Privacy Policy](#) for more information.

Create Account

Step 9

Registered Successfully!

Welcome to Broadcom. Based on the information provided you now have access to the following services

Product Documentation

Communities

Public Education

Public Semiconductors Case Management

Public Knowledge Base Articles

Unlock additional services by Building your Profile

Broadcom Software Support Systems

Brocade Storage Networking Support Systems

Semiconductors Support Systems

Broadcom Partner

eStore

Premium Education

Yes, I want to Build my Profile

I'll do it later

Exam Registration

Exam registration in CertMetrics

- Step 1: Log in to CertMetrics - <https://cp.certmetrics.com/vmware/>
- Step 2: Click "Schedule your exam"
- Step 3: Click "SSO TO VUE"

The image displays two screenshots of the CertMetrics application interface. The left screenshot shows the 'Dashboard' page with a sidebar containing links like HOME, PROFILE, SYSTEM ACTIVITY, SCHEDULE, etc. A central panel features a 'Welcome to CertMetrics' message and a 'Features' section with four items: 'Schedule your exam' (highlighted with a green box), 'View your exam history', 'Track your certification status', and 'Manage your transcripts'. The right screenshot shows the 'Vue SSO' page, which has a similar sidebar. A blue button labeled 'SSO TO VUE' is highlighted with a green box.

Exam Registration

Exam registration in CertMetrics

- Step 4: View Exam
- Step 5: Choose the exam
- Step 6: Pick your exam, schedule and Payment

The screenshot shows the Pearson VUE Home page for Broadcom. At the top, there's a navigation bar with a menu icon and the Broadcom logo. Below it, the title "Pearson VUE Home" is displayed. On the left, there's a sidebar with links for "Schedule an exam" and "Exam catalog". Under "Exam catalog", there's a blue button labeled "View exams". A dropdown section titled "Do you have a private access code?" contains a link "What is this?". Below this is another section for "View an upcoming test center appointment", which states "You do not have any appointments scheduled." On the right, there's a "My account" sidebar with links for "My profile", "Preferences", "Exam history", "View score reports", and "My receipts". At the bottom, there's an advertisement for "mindhub" with the text "Ready to add 'VMware Certified' to your resume?" and a "SHOP NOW!" button.

The screenshot shows the "Find an exam" page for Broadcom. At the top, there's a search bar with the placeholder "Find an Exam:" and a "Go" button. Below the search bar, there's a section titled "Do you have a private access code?" with a "What is this?" link. A note says "To schedule an exam, open the group the exam is assigned to by clicking on the group name. Only one group may be opened at a time." A list of exam groups is shown, each with a "Go" button to the right: "VMware Online Exams", "VMware Associate Level Exams", "VMware Professional Level Exams", "VMware Advanced Level Exams", "VMware IT Academy Student – PSE Exams", and "Broadcom Technical Specialist Exams".

Step 6

Tips & Tricks

Tips and Tricks

What you NEED to Do

Read through the Exam Guide.

Get hands on with VCF. Use the VMware On-demand courses and *Hands on Labs*. Even better, build a lab environment of your own using **Holodeck**

Architects - familiarize yourself the VCF 9.0 design guide!

[Architectural Options](#) [Design Blueprints](#) [Design Library](#)

It's a fun read ☺ ...

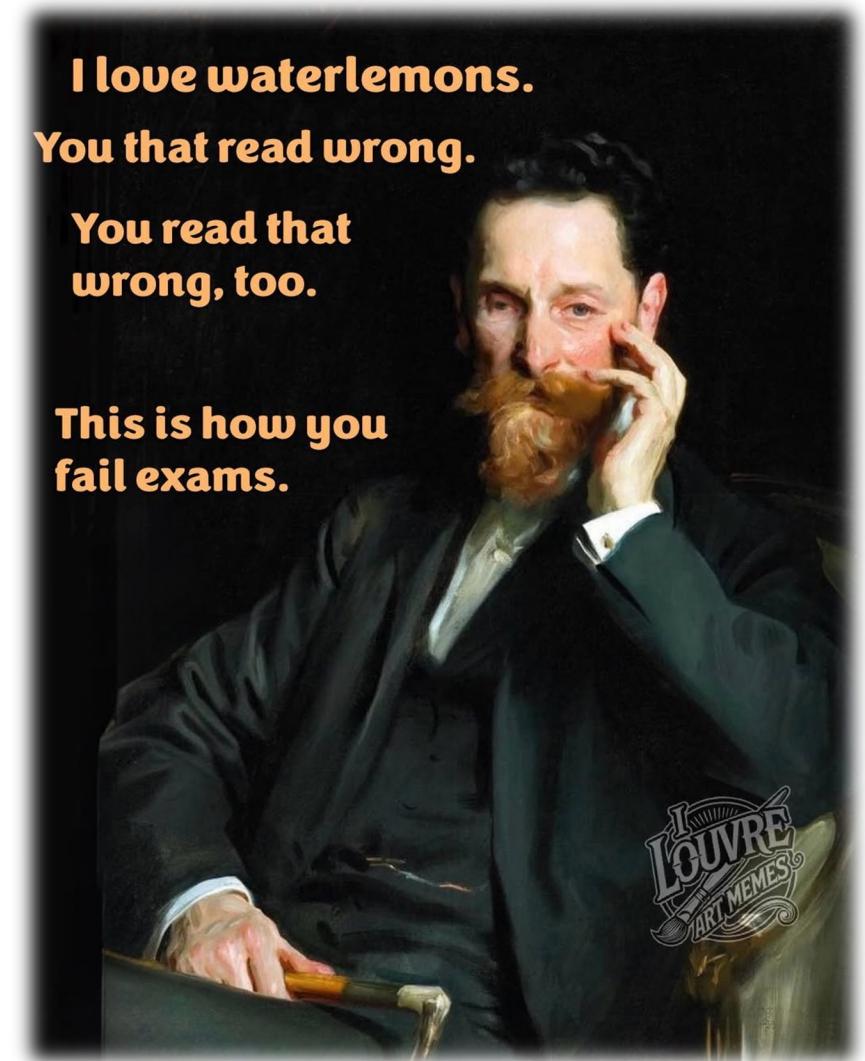
or you could attend the *VCF Solution Architecture & Design v9.0* course.

Have sufficient sleep the night before (don't underestimate that) OR Book exam at the time when you are most awake.

Take your time to **read the question slowly**, re-read and **TRULY** understand the question.

When debating correct answers, you can **right-click a known negative causing a strikethrough** of the text. It really helps!

If you are not sure with the answer, **mark the question and review later.**



Additional Resources

Additional Resources

Please log in to Learning@Broadcom before click the links below

- VCF Build, Manage, Secure v9.0 – ILT & On Demand
- VCF Automate and Operate v9.0 – ILT & On Demand
- VCF Solution Architecture & Design v9.0 – ILT & On Demand

Q&A



Thank You