

VCAP5-DCD Blueprint Recommended Reading List

Section 1 - Create a vSphere Conceptual Design

Objective 1.1 - Gather and analyze business requirements

- [VMware Virtualization Case Studies](#)
- [Five Steps to Determine When to Virtualize Your Servers](#)
- [Functional vs. Non-Functional Requirements](#)
- [Conceptual, Logical, Physical: It is Simple](#)

Objective 1.2 - Gather and analyze application requirements

- [VMware Cost-Per-Application Calculator](#)
- [VMware Virtualizing Oracle Kit](#)
- [VMware Virtualizing Exchange Kit](#)
- [VMware Virtualizing SQL Kit](#)
- [VMware Virtualizing SAP Kit](#)
- [VMware Virtualizing Enterprise Java Kit](#)
- [Business and Financial Benefits of Virtualization: Customer Benchmarking Study](#)

Objective 1.3 - Determine Risks, Constraints, and Assumptions

[Developing Your Virtualization Strategy and Deployment Plan](#)

Section 2 - Create a vSphere Logical Design from an Existing Conceptual Design

Objective 2.1 -Map Business Requirements to the Logical Design

- [Conceptual, Logical, Physical: It is Simple](#)
- [VMware vSphere Basics Guide](#)
- [What's New in VMware vSphere 5](#)
- [Functional vs. Non-Functional Requirements](#)

Objective 2.2 - Map Service Dependencies

- [Datacenter Operational Excellence Through Automated Application Discovery & Dependency Mapping](#)

Objective 2.3 - Build Availability Requirements into the Logical Design

- [Improving Business Continuity with VMware Virtualization Solution Brief](#)
- [VMware High Availability Deployment Best Practices](#)
- [vSphere Availability Guide](#)

Objective 2.4 - Build Manageability Requirements into the Logical Design

- [Optimizing Your VMware Environment](#)
- [Four Keys to Managing Your VMware Environment](#)
- [Operational Readiness Assessment](#)
- Operational Readiness Assessment Tool

Objective 2.5 - Build Performance Requirements into the Logical Design

[Proven Practice: Implementing ITIL v3 Capacity Management in a VMware environment vSphere Monitoring and Performance Guide](#)

Objective 2.6 - Build Recoverability Requirements into the Logical Design

[VMware vCenter Site Recovery Manager Evaluation Guide](#)

[A Practical Guide to Business Continuity and Disaster Recovery with VMware Infrastructure](#)

[Mastering Disaster Recovery: Business Continuity and Disaster Recovery Whitepaper](#)

[Designing Backup Solutions for VMware vSphere](#)

Objective 2.7 - Build Security Requirements into the Logical Design

vSphere Security Guide

[Developing Your Virtualization Strategy and Deployment Plan](#)

[Achieving Compliance in a Virtualized Environment](#)

[Infrastructure Security: Getting to the Bottom of Compliance in the Cloud](#)

[Securing the Cloud](#)

Section 3 - Create a vSphere Physical Design from an Existing Logical Design

Objective 3.1 - Transition from a Logical Design to a vSphere 5 Physical Design

[Conceptual, Logical, Physical: It is Simple](#)

[vSphere Server and Host Management Guide](#)

[vSphere Virtual Machine Administration Guide](#)

Objective 3.2 - Create a vSphere 5 Physical Network Design from an Existing Logical Design

[vSphere Server and Host Management Guide](#)

[vSphere Installation and Setup Guide](#)

[vMotion Architecture, Performance and Best Practices in VMware vSphere 5](#)

[VMware vSphere™: Deployment Methods for the VMware® vNetwork Distributed Switch](#)

[vNetwork Distributed Switch: Migration and Configuration](#)

[Guidelines for Implementing VMware vSphere with the Cisco Nexus 1000V Virtual Switch](#)

[VMware® Network I/O Control: Architecture, Performance and Best Practices](#)

Objective 3.3 - Create a vSphere 5 Physical Storage Design from an Existing Logical Design

[Fibre Channel SAN Configuration Guide](#)

[iSCSI SAN Configuration Guide](#)

[vSphere Installation and Setup Guide](#)

[Performance Implications of Storage I/O Control-Enabled NFS Datastores in VMware vSphere® 5.0](#)

[Managing Performance Variance of Applications Using Storage I/O Control](#)

[VMware Virtual Machine File System: Technical Overview and Best Practices](#)

Objective 3.4 - Determine Appropriate Compute Resources for a vSphere 5 Physical Design

- [vSphere Server and Host Management Guide](#)
- [vSphere Installation and Setup Guide](#)
- [vSphere Resource Management Guide](#)

Objective 3.5 - Determine Virtual Machine Configuration for a vSphere 5 Physical Design

- [vSphere Server and Host Management Guide](#)
- [Virtual Machine Administration Guide](#)
- Best Practices for Performance Tuning of Latency-Sensitive Workloads in vSphere VMs
- [Virtualizing a Windows Active Directory Domain Infrastructure](#)
- [Guest Operating System Installation Guide](#)

Objective 3.6 - Determine Datacenter Management Options for a vSphere 5 Physical Design

- [vSphere Monitoring and Performance Guide](#)
- [vCenter Server and Host Management Guide](#)
- [VMware vCenter Update Manager 5.0 Performance and Best Practices](#)

Section 4 - Implementation Planning

Objective 4.1 - Create and Execute a Validation Plan

- [vSphere Server and Host Management Guide](#)
- [Validation Test Plan](#)
- Product Documentation

Objective 4.2 - Create an Implementation Plan

- [vSphere Server and Host Management Guide](#)
- [Operational Test Requirement Cases](#)

Objective 4.3 - Create an Installation Guide

- [vSphere Server and Host Management Guide](#)
- [Deployment Guide](#)