LEARNING PLAN
Virtualization Concepts

For many years, the role of the IT professional has been to look after specific physical servers. With virtualization, the burden and dependence on hardware can now be abstracted. Virtualization has evolved from simply hosting multiple operating systems on a single box, to complex virtualization of networking, storage, and security. Explore these virtualization concepts and how you can best leverage them. Delve into the cutting edge of virtualization with containers, the virtualization of application workloads, and how the cloud can help scale virtualization beyond the enterprise data center.

Areas of focus

- What is virtualization?
- Different types of virtualization
- Common virtualization platforms

Curriculum

VIDEOS FROM COURSE
VMware VCA-DCV   3 hours

☐	Welcome and Overview	11 min
☐	Give me a "V"	22 min
☐	ESXi Hypervisor	20 min
☐	vMotion	17 min
☐	Virtual Storage	24 min
☐	vCenter	5 min
☐	Networking	17 min
☐	vCenter Operations Manager	6 min
☐	VCM, VDP & SRM	11 min
☐	Final Prep	12 min

VIDEOS FROM COURSE
Docker   2 hours

☐	Intro	1 min
☐	Containers vs Virtual Machines	9 min
☐	How Docker Works	7 min
☐	Docker Installer (Deconstructed!)	6 min
☐	Create a Simple Dockerized App	9 min
☐	Managing Containers and Images	13 min
☐	Networking	11 min
☐	Advanced Networking	11 min

Prerequisite Plans

INTRODUCTORY LEVEL

Introduction to IT

Current Plan

FUNDAMENTAL LEVEL

Virtualization Concepts

Possible Next Plans

ASSOCIATE LEVEL

Server Administration & Tools

Virtualization Platforms & Implementation

CBTnuggets