APPONIX academy

SINCE 2013

ISO 9001 INTERNATIONALLY ACCREDITED

VMware Certification

"Virtualize Reality, Redefine the Future with VMware"

APPONIX™ academy
SINCE 2013

About Apponix Academy

✦ Apponix Academy is a leading training institute offering both online and offline courses in trending technologies like Cloud Computing, DevOps, Cyber Security, Full Stack Development, Data Science, Digital Marketing, and more.

✦ Established in 2013, Apponix has trained over 50,000 students across India and abroad, helping them build successful careers in the tech industry.

✦ With centers in Bangalore, Pune, Mumbai, Hubli, Aurangabad, Tumkur, Trichy, Gwalior, Ranchi, and more, Apponix continues to expand rapidly across the country.

✦ All our courses are designed to be job-oriented, practical, and aligned with real-world industry requirements.

✦ Our training is delivered by 100+ highly experienced corporate trainers who are experts in their respective fields.

✦ We offer flexible learning options, allowing students to choose between classroom sessions and live online classes.

✦ Apponix is ISO certified and provides globally recognized certifications from AWS, Microsoft, and Google.

✦ Over 3,000+ Apponix alumni are successfully placed in top MNCs with salaries above ₹15 LPA.

✦ Our focus is on 100% hands-on learning, project-based assignments, and real-time case studies.

✦ We provide complete career support including resume building, interview preparation, and placement assistance.

✦ With a strong presence and proven track record, Apponix Academy continues to be a trusted name in professional IT training.

🏆 COURSE KEY FEATUERS 🏆

👥 **Delivered by Industry Experts**	💻 **Mock interview sessions**
✅ **Designated Placement Advisor**	◉ **Professional resume building session**
📄 **Placement assistance will be provided**	📅 **Weekly Practice Assignments**
📑 **Interview Grooming Sessions**	📖 **Classroom & Online Training**
⭐ **Vmware Authorized Training Center**	🎁 **Industry Relevant Syllabus**

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🏆 Awards & Accreditations 🏆

IABAC Authorized Partner

AUTHORIZED TRAINING PROVIDER
IABAC

JAINx University Partner

JAINx
THE LEARNING HUB

ISO Certified

ISO 9001 2015 CERTIFIED

VMWARE Authorized Partner

vmware PARTNER
AUTHORIZED TRAINING PARTNER

Most Promising Training Institute

siliconindia
Magazine

MSME Certified

MSME

Sample Certificate

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ISO CERTIFIED 9001:2015 COMPANY

Certificate of Achievement

This is to certify that

◀ **SOUMYA** ▶

has successfully completed

VMware Certification

Training Program on

25,MARCH, 2025

Pradeep NK
MANAGING DIRECTOR

Certificate ID : APXCCLAD252501027

The Certificate ID can be verified at www.apponix.com/verify-certificate to check the authenticity of this certificate

Vmware Syllabus

This course let you learn advanced skills for configuring and maintaining a highly available and scalable virtual infrastructures. Through complete hands-on labs, you can configure and optimize the VMware vSphere® 7 features that build a foundation for a truly scalable infrastructure. After completion of this course you will be eligible to take below certification exam:

VMware Certified Professional 7.0 – Data Center Virtualization (VCP-DCV)

1.VMware course Objectives:

- Configure and manage vSphere networking and storage.
- Use VMware vSphere Client to manage certificates
- Use Identity Federation to configure VMware vCenter Server® to use external identity
- sources
- Use VMware vSphere® Trust Authority™ to secure the infrastructure for encrypted VMs
- Use host profiles to manage VMware ESXi™ host compliance
- Create and manage a content library for deploying virtual machines
- Manage VM resource usage with resource pools
- Monitor and analyze key performance indicators for compute, storage, and networking
- resources for ESXi hosts
- Optimize the performance in the vSphere environment, including vCenter Server

2.Eligibility:

- System administrators, system engineers, and system integrators, software developers, desktop engineers, Technical support engineers.

Course Topics:

1. Course Introduction

- Introductions and course logistics
- Course objectives

2. Network Scalability

- Configure and manage vSphere distributed switches
- Describe how VMware vSphere® Network I/O Control enhances performance
- Explain distributed switch features such as port mirroring and NetFlow

3. Storage Scalability

- Explain why VMware vSphere® VMFS is a high-performance, scalable file system
- Explain VMware vSphere® Storage APIs - Array Integration, VMware vSphere® API for
- Storage Awareness™, and vSphere APIs for I/O filtering
- Configure and assign virtual machine storage policies
- Create VMware vSAN™ storage policies
- Recognize components of the VMware vSphere® Virtual Volumes™ architecture
- Configure VMware vSphere® Storage DRS™ and VMware vSphere® Storage I/OControl

4.Host and Management Scalability

- Use the vSphere Client to manage vSphere certificates
- Describe identity federation and recognize its use cases
- Configure identity federation to allow vCenter Server to use external identity provider
- Describe the benefits and use cases of vSphere Trust Authority
- Configure vSphere Trust Authority
- Use host profiles to manage ESXi configuration compliance
- Create a local content library and subscribe to a published content library

- Deploy VMs from a content library
- Create and manage resource pools in a cluster
- Describe how scalable shares work

5.CPU Optimization

- Explain the CPU scheduler operation and otherfeatures that affect CPU performance
- Explain NUMA and vNUMA support
- Use esxtop to monitor key CPU performance metrics

6. Memory Optimization

- Explain ballooning, memory compression, transparent page sharing, and host-swapping
- techniques for memory reclamation when memory is overcommitted
- Use esxtop to monitor key memory performance metrics

7. Storage Optimization

- Describe storage queue types and other factors that affect storage performance
- Discuss vSphere support for NVMe and iSER technologies
- Use esxtop to monitor key storage performance metrics

8. Network Optimization

- Explain performance features of network adapters
- Explain the performance features of vSphere networking
- Use esxtop to monitor key network performance metrics
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9. vCenter Server Performance Optimization

- Describe the factors that influence vCenter Server performance
- Use VMware vCenter® Server Appliance™ tools to monitor resourceuse Supplemental Content

Appendix A: vSphere Auto Deploy

- Explain the purpose of VMware vSphere® ESXi ™ Image Builder CLI
- Explain the purpose of VMware vSphere® Auto Deploy™
- Describe how an auto deployed ESXi host boots
- Configure a vSphere Auto Deploy environment

Appendix B: vSphere Security

- Configure ESXi Host Access and Authentication
- Recognize strategies for securing vSphere components, such as vCenter Server, ESXi
- hosts, and virtual machines
- Describe vSphere support for security standards and protocols
- Describe virtual machine security features
- Describe the components of a VM encryption architecture
- Create, manage, and migrate encrypted VMs
- Encrypt core dumps
- List VM encryption events and alarms

Enroll today to get below benefits:

1. 40 Hrs of blended learning
2. Delivered by VMware Certified Instructor (VCI)
3. Exam voucher (Re-take/ 2 attempts to clear exam)
4. 30 Hrs of VMware Lab access
5. Authorized e-Books
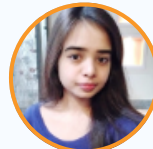6. Access to VMware premium portal

OUR RECENT PLACEMENTS
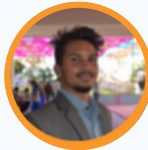
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B LIGHT & WONDER

MR. SRUSTIK GOWDA
GE HEALTHCARE

MR. PRASHANT GOWDA
CMI PVT. LTD. (ANTHOLOGY)

Ms. Snehlata Shah
I T Contractors Pvt. Ltd

MR. MUKTHAR COMPANY
WEB LOGICS

MR. VINAYAK BASAPPA MUCHANDI
BLOOMVISTA DIGITAL (OPC) PVT. LTD.

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