70-246 - Monitoring and Operating a Private Cloud with System Center 2012 R2

Modality: On Demand

Duration: 11 Hours

About this Course:

As technology becomes an integral part of almost all industries today, it is pertinent to remember that no business can be entirely successful without utilizing modern tech. As more and more businesses are relying on the cloud technology, the demand for cloud administrators and architects is also increasing. As per an estimate, a cloud architect earns around **$142,141** per annum.

Before delving into the details of this course, let us try and understand the basics of a private cloud. A private cloud can be termed as a set of cloud computing and storage services offered either over the Internet or a private internal network which is walled off to the general public. Only authorized individuals can have access to this network. This course is designed to address the fundamental principles of configuration and the techniques needed to monitor and execute a private cloud infrastructure using Microsoft System Center 2012 R2. This course also teaches students how to understand the fundamental concepts of cloud, cloud services, monitoring and automating responses. This course also deals with methods and techniques for managing problems in a private cloud, service management, cloud security and cleaning up system center databases.

Note: This course & corresponding exam 70-246 has been retired by Microsoft, with no direct replacement at this point in time. However, this course provides exemplary concepts required to work with Private Cloud.

Course Objectives:

By the end of this course, the students should be have learnt the following skills and be able to;

- Gain a comprehensive understanding of System Center 2012
- Learn the skills needed to Work with the Business Cloud
- Gain a comprehensive understanding of Cloud Services
- Gain a comprehensive understanding of Monitoring
- Learn how to create Automated Responses
- Gain a comprehensive understanding of Managing Problems in the Private Cloud
- Gain a comprehensive understanding of Service Management in the Private Cloud
- Acquire skills needed for Cloud Protection, Recovery, and Compliance
- Gain a comprehensive understanding of SLAs, Dashboards and Widgets
- Gain a comprehensive understanding of Cleaning Up System Center Databases

Audience:

This course is targeted towards the following audience;

- Those datacenter administrators who are required to monitor and protect the private cloud infrastructure.
- Those solution architects who are responsible for designing private cloud architectures and extending existing private cloud solutions.

Prerequisites:

These are the prerequisites which are an absolute requirement for attending this course.

- A strong basic knowledge of Windows Server 2008 R2 experience
- A strong previous understanding of Active Directory Domain Services (AD DS) knowledge
- A previous working experience with Networking

Course Outline:

- **Course Introduction**
- Module 01 - System Center 2012
- Module 02 - Introducing the Cloud
- Module 03 - Working with the Business Cloud
- Module 04 - Cloud Services
- Module 05 - Monitoring
- Module 06 - Automating Responses
- Module 07 - Managing Problems in the Private Cloud
- Module 08 - Service Management in the Private Cloud
- Module 09 - Cloud Protection, Recovery, and Compliance
- Module 10 - SLAs, Dashboards and Widgets
- Module 11 - Cleaning Up System Center Databases
- Course Conclusion