70-339: Managing Microsoft SharePoint Server 2016

The exam is targeted at experienced IT professionals who install, configure, deploy, and manage SharePoint 2016 installations in a datacenter and in the cloud. Candidates typically have more than four years of experience in planning and maintaining SharePoint and other core technologies upon which SharePoint depends, including Windows Server 2008 R2 or later, Internet Information Services (IIS), SQL Server 2008 R2 or later, Active Directory, and networking infrastructure services.

Course Duration:

- 36 Hr.

Interview Preparation Duration:

- 4 Hr.

Course Material:

- Lectures (PDF)
- Lab Manual (PDF)
- Recorded Video

Abilities Validated by the Course

- Installing and configuring SharePoint 2016
- Creation of SharePoint Web Applications, Site Collections, Sites and Sub sites.
- Managing permissions for Active directory users in database based on Claims authentication.
- Provisioning Service Applications and binding with Web Applications.
- Configuring and manage user profile service
- Implementing Search Features in the site.
- Plan and execute Backup and Restore.

Detail Syllabus :

General Introduction

- What is IIS
- IIS Web Site and Web Application
- Steps to Create Multiple Websites on Port 80
- What is Application pool
- What is ISAPI Filter/Application?
- Web Garden and Web Farm
- HTTPS and SSL
- Active Directory and Users Creation

Introduction to SharePoint

- What is SharePoint?
- Role of SharePoint in LAN
- High level Features
- SharePoint 2016 Benefits
- Roles in SharePoint

- Version History of SharePoint
- SharePoint Editions

SharePoint Installation and Administration

- Server Hardware and Software Requirements
- Supported Browser on Client
- Types of Installation
- Software's to be Installed
- Installation of Active Directory
- Installation of SQL Server
- Install SharePoint Prerequisite downloader
- Installation of SharePoint

Server Architecture

- Web Front End
- Application Server
- Database Server

SharePoint Server Topologies and Hierarchy

- Farm Architecture
- Web Applications
- Sites and Libraries
- Creating Web Application
- Creating Site Collection and Top-level Site
- SharePoint Site Home Page
- Branding Look and Feel
- Working with Quota Templates
- Creating Sites and Sub Sites
- Save Site as Template and Creation Site Using Template

SharePoint Lists

- Introduction to Lists
- Creating Custom Lists
- Adding Custom Columns
- Create /Manage List View
- Site Column
- Meta Data Navigation Settings and List Throttling
- Predefined Lists
- Predefined Libraries
- Create Document Library

Security -User Groups and Permission

- Authentication Vs Authorization
- Creating users and Groups in Active Directory
- SharePoint Groups
- Creating Custom Permission Groups
- Creating Custom Permission level
- To bind User/Groups and Permission Level
- Managing Permissions in Subsite
- Permissions for Lists Libraries or List Item
- To set Site Confirmation and Deletion of Unused Sites
- Managed Accounts
- Allow users to Create their Own Sites
- Additional Security Features

Administering and Configuring Search

- Purpose of Enterprise Search Solution
- Microsoft Server Side Search products

- What's new in SharePoint Search Server 2016
- Logical architecture for Enterprise Search Components
- Setting up Search service Application
- Configuring Crawler Settings
- Queries and result Settings
- Search Administration at Site Collection level

Application Management
- Manage Web Applications
- Manage Site Collections
- Manage Content Databases
- Manage Service Application

IIS
- Application Pool and Application Pool Identity
- Managing Application pool identity
- Managing IIS Websites

Monitoring
- Health Analyser
- Configuring and Monitoring Timer jobs
- Configuring and Monitoring health reports
- Monitoring Event logs
- Monitoring Logs

SharePoint Security
- Manage farm administrators
- Configure user policy.
- Define sharepoint users and groups
- Manage Service and Farm Accounts

SharePoint Upgrade
- Change license type and Upgrade process
- Patch installation
- Monitor upgrade status

Backup and Restore
- Complete Backup of Web Application
- Complete Restore of WebApplication
- Backup of Site Collection
- Recycle Bin Configuration
- SQL Database Backup
- System State Backup