MS10991 - Troubleshooting Windows Server 2016 Core Technologies

Microsoft - Windows Server 2016 - Sistemistica

Durata:	Lingue:	Certificazione:
5 Giorni	**Italiano**	**-**

Descrizione del corso

This course covers a wide variety of troubleshooting scenarios that a network administrator might encounter in their work. A high percentage of this course is labs that require students to identify problems and implement a solution that might include multiple technologies. Students will learn about common errors and resolutions related to Windows Server core technologies including: Active Directory Domain Services (AD DS), storage, certificates, Microsoft Hyper-V, load balancing, and failover clustering. Authentication to Office 365 is also covered. Some advanced services such as Microsoft Azure integration, containers, advanced security features such as shielded virtual machines etc., and Linux Integration and support are not covered.

Programma

Module 1: Implement a troubleshooting methodology

- Overview of the troubleshooting process
- Overview of troubleshooting tools
- Use remote administration tools
- Troubleshoot Windows PowerShell commands and scripts
- Lab : Implement a troubleshooting methodology
- Lab : Use troubleshooting tools
- Lab : Troubleshoot a remote server computer
- Lab : Troubleshoot a script

Module 2: Troubleshoot network connectivity

- Troubleshooting with Message Analyzer
- Troubleshooting IP settings

ITCore Group

Via Balestra, 12
6900 Lugano (CH)
+41.091.9760019
www.itcoregroup.com

Via Lanino, 36
21047 Saronno (VA)
+39.02.84108669
www.itcoregroup.com

- Troubleshoot network connectivity
- Troubleshooting DHCP
- Troubleshooting client name resolution
- Lab : Resolve network connectivity issues
- Lab : Troubleshoot DHCP
- Lab : Resolve name resolution issues

Module 3: Troubleshoot authentication issues

- Troubleshoot user and computer account authentication
- Troubleshoot AD DS replication issues
- Troubleshoot authentication to Office 365
- Lab : Resolve sign-in problems
- Lab : Resolve sign-in problems at branch offices

Module 4: Troubleshoot application access issues

- Troubleshooting access to Windows Server apps
- Troubleshooting issues with certificates
- Troubleshooting access to web-based apps
- Lab : Troubleshoot application access issues

Module 5: Troubleshoot file access issues

- Troubleshooting access to files and folders
- Manage and troubleshoot BitLocker
- Lab : Troubleshooting file access
- Lab : Test BitLocker on a Windows 2016 Server

Module 6: Troubleshoot storage issues

- Troubleshooting server storage issues
- Troubleshoot DFS
- Troubleshoot advanced file services
- Lab : Troubleshooting server storage issues

Module 7: Troubleshoot Group Policy

- Group Policy overview
- Troubleshoot Group Policy application
- Lab : Troubleshooting GPO application

Module 8: Troubleshooting AD DS

- Overview of AD DS administration tools
- Control AD DS administration
- Backup and restore AD DS objects
- Troubleshoot issues related to domain controllers
- Troubleshoot AD DS trusts

- Lab : Deploy LAPS
- Lab : Recover AD DS objects
- Lab : Resolve common AD DS problems

Module 9: Troubleshoot remote access to data and apps

- Troubleshoot VPN connectivity
- Overview of remote access for apps
- Troubleshoot Remote Desktop Services
- Lab : Troubleshoot remote access to data and apps

Module 10: Troubleshoot visualization issues

- Issues with VM configuration
- Troubleshoot VM resources
- Lab : Troubleshooting Hyper-V

Module 11: Troubleshooting high availability

- Considerations for implementing load balancing
- Troubleshooting failover clustering
- Troubleshooting Hyper-V clusters
- Lab : Troubleshooting high availability