

## Windows Server 2012

### MICROSOFT CERTIFIED SOLUTIONS ASSOCIATE (MCSA)

MCSA (Microsoft Certified Solutions Associate) is a certification program intended for people who seek entry-level jobs in an IT (information technology) environment. MCSA is a prerequisite for more advanced Microsoft certifications. The Microsoft Certified Solutions Associate certification is the foundation for higher certifications and prerequisite for the Microsoft Certified Solutions Expert (MCSE). The **Microsoft Certified Solutions Associate (MCSA)** certification validates your foundation of core technical skills and prepares you for a sustainable IT career.

#### Course Contents

- Installing and Configuring Windows Server 2012
- Install and Configure Windows Server 2012
- Describe AD DS
- Manage Active Directory objects
- Automate Active Directory administration
- Implement Ipv4
- Implement Dynamic Host Configuration Protocol (DHCP)
- Implement Domain Name System (DNS)
- Implement Ipv6
- Implement local storage
- Share files and printers
- Implement Group Policy
- Use Group Policy Objects (GPOs) to secure Windows Servers.
- Implement server virtualization using Hyper-V
- Administering Windows Server 2012
- Deploy and Maintain Server Images
- Configure and Troubleshoot DNS
- Maintain Active Directory Domain Services (AD DS)
- Manage User and Service Accounts
- Implement a Group Policy Infrastructure
- Manage User Desktops with Group Policy
- Configure and Troubleshoot Remote Access
- Install, Configure and Troubleshoot Network Policy Server (NPS) role
- Optimize File Services
- Configure Encryption and Advanced Auditing
- Monitor Windows Server 2012
- Configuring Advanced Windows Server 2012 Services
- Implement advanced network services
- Implement advanced file services
- Implement Dynamic Access Control
- Implement distributed Active Directory Domain Services (AD DS) deployments
- Implement AD DS sites and replication
- Implement Active Directory Certification Services (AD CS).
- Implement Active Directory Rights Management Services (AD RMS).
- Implement Active Directory Federation Services (AD FS)