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| **Təqdimat** Microsoft Certified Solutions Associate:Windows Server 2019: MCSA: Windows Server 2019 (MCSA: Windows Server 2019) **1.Installing and Configuring Windows Server 2019**  Module 1: Deploying and Administering Windows Server 2019  Module 2: Introduction to Services Active Directory Domain Services (AD DS)  Module 3. Management of objects AD DS  Module 4: Automating Administration AD DS  Module 5: Using the IPv4 protocol  Module 6: Implementing DHCP  Module 7: Implementing DNS  Module 8: Using IPv6 protocol  Module 9: Configuring local storage  Module 10: Introduction of file and print services  Module 11: Using Group Policy  Module 12: Securing Windows servers using Group Policy  Module 13: Server virtualization using Hyper-V  Module 14: Monitoring and auditing  Module 15: Managing file services  Module 16: Administering remote access  **2. Administering Windows Server 2019**  Module 1: Setting up, troubleshooting, DNS related  Module 2: Providing support services, Active Directory Domain Services (AD DS)  Module 3: Managing User Accounts and services  Module 4: Implementing Infrastructure Group Policy (GP)  Module 5: Managing desktops using Group Policy  Module 6: Configuring and problems associated with remote access  Module 7: Installing, configuring and solving problems related to the role of Network Policy Server (NPS)  Module 8: Implementing Network Access Protection (NAP)  Module 9: Optimizing File Services  Module 10: Configuring encryption and advanced auditing  Module 11: Deploying a server using images  Module 12: Managing Updates  Module 13: Monitoring of Windows Server 2019  **3. Advanced Services Windows Server 2019**  Module 1: Introduction of additional network services  Module 2: Introduction of additional file services  Module 3: Implementing Dynamic Access Control (DAC)  Module 4: Implementation of distributed deployments AD DS  Module 5: Implementing the replication sites and AD DS  Module 6: Introduction Certificate Services AD (AD CS)  Module 7: Implementing AD RMS  Module 8: Implementing AD FS  Module 9: Implementing Network Load Balancing  Module 10: Implementing Failover Clusters  Module 11: Implementation of failover clustering with Hyper-V  Module 12: Implementing Disaster Recovery  **4. Windows Server security**  1. Credentials and privileged access protection in Windows Server  2. Hardening Windows Server  3. Just Enough Administration in Windows Server  4. and analyzing SMB traffic  5. Windows Server update management  **5. Remote access and web services in Windows Server**   1. Implementing VPN 2. Implementing NPS 3. Implementing Web server In Windows server   **6. Remote Desktop Services In Windows server**  **7. Monitoring, performance, and troubleshooting**  **8. Upgrade and migration in Windows Server** |