98-368: Mobility and Devices Fundamentals

Audience Description

Candidates for this exam have fundamental knowledge of Windows devices and mobility. Candidates should have some hands-on experience with Windows devices, Windows-based networking, Active Directory, antimalware products, firewalls, network topologies and devices, and network ports.

Skills Measured

Note: This document shows tracked changes that are effective as of January 31, 2018.

Understand device configurations (20-25%)

Configure device options

Describe Microsoft account, configure Control Panel, configure system options

Configure desktop settings

Configure the Start menu, profiles, display settings, shortcuts, and group configurations and capabilities

Configure drive encryption

Configure BitLocker, prepare for file encryption

Configure updates

Describe Windows Update, describe app updates, describe device system updates

Understand data access and management (20-25%)

Describe cloud storage services

Describe OneDrive, Microsoft Azure storage, OneNote, Outlook, and Office 365

Describe local storage

Describe storage spaces and storage pools

Describe file systems

Describe FAT, FAT32, exFAT, NTFS, and Resilient File System Overview (ReFS)

Describe file and print sharing

Describe NTFS and share permissions, HomeGroup, print drivers, and effective permissions; create public, basic, and advanced shares; map drives

Describe data encryption

Describe encrypting file system (EFS); describe how EFS-encrypted folders impact moving and copying files; describe BitLocker To Go, virtual private network (VPN), public key, and private key; certificate services; and SSL

Understand device security (20-25%)

Describe the differences between the Internet, an intranet, and an extranet

Describe uses of private networks, public networks, host firewalls, network firewalls, and clouds

Describe user authentication

Describe Multifactor authentication, describe smart cards, describe Windows Rights Management Services, describe biometrics and password procedures

Describe permissions

Configure file and share permissions; describe the behavior when moving or copying files from one location to another; describe basic and advanced permissions; describe taking ownership, delegating, and resultant permissions

Describe malware

Describe computer viruses, Trojan horses, spyware, and adware; describe antivirus and antimalware strategies

Understand cloud services (20-25%)

Describe the types of cloud services

Describe productivity services, storage services, communications services, and search services

Describe Microsoft Intune

Describe Microsoft Intune capabilities, describe selective wipe, describe location settings

Describe Microsoft Azure

Describe virtual machines; describe Azure services; storage tiers, describe disaster recovery, high availability, redundancy, and fault tolerance

Understand enterprise mobility (20-25%)

Describe identity services

Describe Windows Server Active Directory and Azure Active Directory, Microsoft Account, and federation services

Describe business data access

Describe Company Portal, describe Work Folders, Offline folders, describe Azure RemoteApp

Describe Bring Your Own Device (BYOD)

Describe device-centric to people-centric IT, describe desktop virtualization, describe Dynamic Access Control policies, describe Windows Rights Management