Exam 98-368 : Windows Devices and Mobility Fundamentals

This exam validates that a candidate has fundamental Windows devices and mobility knowledge and skills. It can serve as a stepping stone to the Microsoft Certified Solutions Associate (MCSA) exams. It is recommended that candidates become familiar with the concepts and the technologies described here by taking relevant training courses. Candidates are expected to have some hands-on experience with Windows devices, Windows-based networking, Active Directory, anti-malware products, firewalls, network topologies and devices, and network ports.

All topics apply to any or all Windows devices including Windows 8.1 PCs, tablets, Microsoft Surface, convertibles, and smart phones. Each exam question will specify the device or devices that are relevant to that question.

Objective Domain

Understand Device Configurations

- **Configure Device Options.**
  - o Describe Microsoft account; configure Control Panel; configure system options
- **Configure Desktop Settings.**
  - o Configure the Start menu, profiles, display settings, shortcuts, and group configurations and capabilities
- **Configure Drive Dncryption.**
  - o Configure BitLocker; prepare for file encryption
- **Configure Updates.**
  - o Describe Windows Update; describe app updates; describe device system updates

Understand Data Access and Management

- **Describe Cloud Storage Services.**
  - o Describe OneDrive, Microsoft Azure storage, OneNote, Outlook, and O365
- **Describe Local Storage.**
  - o Describe storage spaces and storage pools
- **Describe File Systems.**
  - o Describe FAT, FAT32, exFAT, NTFS, and Resilient File System Overview (ReFS)

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Understand Data Access and Management

- **Describe file and print sharing.**
    - o Describe NTFS and share permissions, HomeGroup, print drivers, and effective permissions; create public, basic, and advanced shares; map drives
- **Describe data encryption.**
    - o 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

- **Describe the differences between the Internet, an intranet, and an extranet.**
    - o Describe uses of private networks, public networks, host firewalls, network firewalls, and clouds
- **Describe user authentication.**
    - o Describe Multifactor authentication; describe smart cards; describe Windows Rights Management Services; describe biometrics and password procedures
- **Describe permissions.**
    - o 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.**
    - o Describe computer viruses, Trojan horses, spyware, and adware; describe anti-virus and anti-malware strategies

Understand Cloud Services

- **Describe the types of cloud services.**
    - o Describe productivity services, storage services, communications services, and search services
- **Describe Microsoft Intune.**
    - o Describe Microsoft Intune capabilities; describe selective wipe; describe location settings
- **Describe Microsoft Azure.**
    - o Describe virtual machines; describe Azure services; storage tiers, describe disaster recovery, high availability, redundancy, and fault tolerance

Understand Enterprise Mobility

- **Describe identity services.**
    - o Describe Windows Server Active Directory and Azure Active Directory, Microsoft Account, and federation services
- **Describe business data access.**
    - o Describe Company Portal; describe Work Folders; Offline folders, describe Azure RemoteApp
- **Describe Bring Your Own Device (BYOD).**
    - o Describe device-centric to people-centric IT; describe desktop virtualization; describe Dynamic Access Control policies; describe Windows Rights Management