WINDOWS FUNDAMENTALS 3 ROLL NO: 231901035

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Aim:

To learn how built-in Microsoft tools like **Windows Updates**, **Windows Security**, **BitLocker**, **and VSS** help keep a device secure.

Procedure:

EX.NO: 1.C

1. Update Windows via Windows Update

Check for and install the latest updates to ensure the system receives critical security patches.

2. Use Windows Security Dashboard

Access and review the Windows Security interface to monitor potential threats and system health.

3. Run Virus & Threat Protection Scans

Perform quick or full scans to detect and remove malware or potentially unwanted software.

4. Configure Firewall & Network Protection

Ensure the firewall is active and properly configured to prevent unauthorized access.

5. Enable SmartScreen in App & Browser Control

Activate Microsoft Defender SmartScreen to block unrecognized apps and malicious sites.

6. Check Device Security Settings

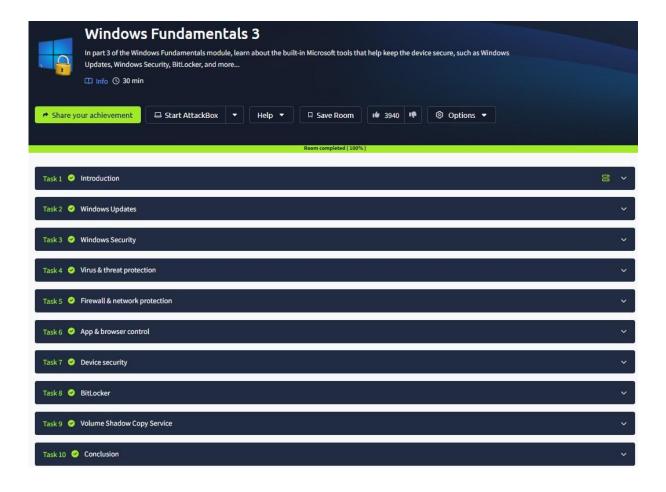
Review security processor, secure boot, and other device security components for compliance and protection.

7. Encrypt Drives Using BitLocker

Enable BitLocker encryption on system and external drives to protect data from unauthorized access.

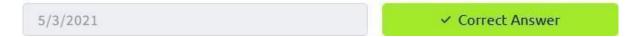
8. Use Volume Shadow Copy Service (VSS)

Understand and utilize VSS for system restore points and backup versions of files.



TASK 2: WINDOWS UPDATES

There were two definition updates installed in the attached VM. On what date were these updates installed?



TASK 3: WINDOWS SECURITY

Checking the Security section on your VM, which area needs immediate attention?



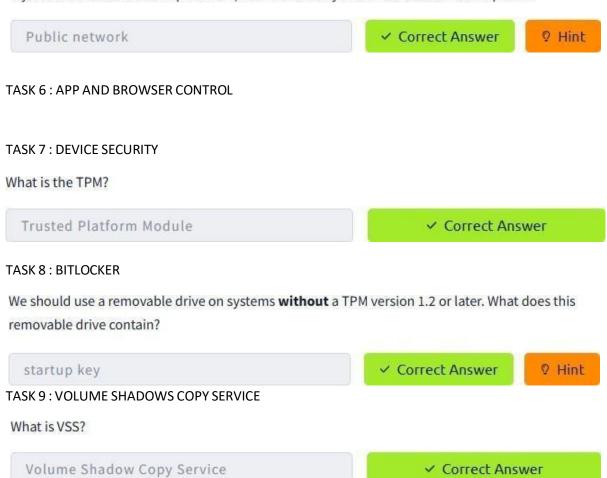
TASK 4: VIRUS AND THREAT PROTECTION

Specifically, what is turned off that Windows is notifying you to turn on?



TASK 5: FIREWALL AND NETWORK PROTECTION

If you were connected to airport Wi-Fi, what most likely will be the active firewall profile?



Result:

TryHackMe platform **Windows Fundamentals 3** tasks have been successfully completed.