

EX.NO: 1.C  
DATE : 05.02.2025

## WINDOWS FUNDAMENTALS 3

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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.

### Algorithm:

1. Update Windows via **Windows Update** for security patches.
2. Use **Windows Security** to monitor threats.
3. Run **Virus & Threat Protection** scans.
4. Configure **Firewall & Network Protection** for safety.
5. Enable **SmartScreen** in **App & Browser Control**.
6. Check **Device Security** settings.
7. Encrypt drives using **BitLocker**.
8. Use **Volume Shadow Copy Service (VSS)** for backups.

### Windows Fundamentals 3

In part 3 of the Windows Fundamentals module, learn about the built-in Microsoft tools that help keep the device secure, such as Windows Updates, Windows Security, BitLocker, and more...

Info 30 min

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- Task 1 Introduction
- Task 2 Windows Updates
- Task 3 Windows Security
- Task 4 Virus & threat protection
- Task 5 Firewall & network protection
- Task 6 App & browser control
- Task 7 Device security
- Task 8 BitLocker
- Task 9 Volume Shadow Copy Service
- Task 10 Conclusion

## TASK 2 : WINDOWS UPDATES

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

5/3/2021

✓ Correct Answer

## TASK 3 : WINDOWS SECURITY

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

Virus & threat protection

✓ Correct Answer

## TASK 4 : VIRUS AND THREAT PROTECTION

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

Real-time protection

✓ Correct Answer

#### TASK 5 : FIREWALL AND NETWORK PROTECTION

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

Public network

✓ Correct Answer

💡 Hint

#### TASK 6 : APP AND BROWSER CONTROL

#### TASK 7 : DEVICE SECURITY

What is the TPM?

Trusted Platform Module

✓ Correct Answer

#### TASK 8 : BITLOCKER

We should use a removable drive on systems **without** a TPM version 1.2 or later. What does this removable drive contain?

startup key

✓ Correct Answer

💡 Hint

#### TASK 9 : VOLUME SHADOWS COPY SERVICE

What is VSS?

Volume Shadow Copy Service

✓ Correct Answer

#### Result:

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