



# MS5117 – Installation, Configuration, Dépannage et Maintenance de Windows Vista

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**Objectif** After completing this course, students will be able to: install Windows Vista, troubleshoot the startup process, configure hardware and devices for Windows Vista-based computers, configure networking for Windows Vista-based computers, secure Windows Vista-based computers, maintain and optimize Windows Vista-based computers

**Pré requis** Before attending this course, students must: be familiar with PC hardware and devices. For example, be able to look into the device manager and look for unsupported devices, have fundamental knowledge of TCP/IP, have fundamental knowledge of Windows and Active Directory directory service. For example, domain user accounts, domain versus local user accounts, user profiles, and group membership, be able to map network file shares. For example, be familiar with Universal Naming Convention paths and mapping local resources to servers and shares, have experience of installing applications, have experience of working from a command prompt. For example, authoring and editing batch files.

**Durée** 3 days

## Contenu

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### **Module 1: Installing, Upgrading, and Deploying Windows Vista**

- Introduction to Windows Vista
- Performing a Clean Installation of Windows Vista
- Upgrading and Migrating to Windows Vista from a Previous Version of Windows
- Upgrading Between Windows Vista Editions
- Windows Vista Desktop Deployment Infrastructure
- Preparing the Target Computer
- Obtaining and Applying a Desktop Image

### **Module 2: Troubleshooting Windows Vista Startup**

- Overview of a Troubleshooting Methodology
- Overview of the Windows Vista Startup Process
- Troubleshooting the Windows Vista Startup Process with Windows RE
- Troubleshooting Operating System Services

### **Module 3: Configuring and Troubleshooting Hardware and Devices**

- Installing and Configuring Windows Vista Device Drivers
- Overview of Troubleshooting Hardware
- Dealing with Physical Failures
- Dealing with Device Driver Failures
- Troubleshooting Printing in Windows Vista
- Troubleshooting BitLocker Protected Computers

### **Module 4: Configuring and Troubleshooting Networking**

- Sharing Data with Others
- Managing Windows Vista Files
- Configuring Network Connectivity
- Configuring Remote Access
- Networking Without Wires
- Connecting to a Wireless Network
- Determining Network Settings
- Troubleshooting Network Connections

### **Module 5: Configuring and Troubleshooting Security**

- Overview of User Account Control
- Troubleshooting User Account Control
- Configuring Windows Defender in Windows Vista
- Configuring Windows Firewall Settings

### **Module 6: Maintaining and Optimizing Windows Vista**

- Maintaining Performance by Using Windows Vista Performance Tools
- Optimizing Windows by Using Windows Vista Diagnostics Tools
- Configuring Windows Update