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Windows 7 Administration and Deployment

Course duration:

2 days of classroom based instructor-led training.

Course summary:

This course is divided into three sections. The first section focuses upon the new user productivity features within Windows 7 that IT professionals will need to help users with and educate users about. The second section looks at the new security features in Windows 7 that prevent user-initiated security problems and unknown future attacks. The final section covers the monitoring and management features in Windows 7 to help manage its deployment within an organisation and reduce the total cost of ownership for computers.

Who should attend:

This 2 day workshop is primarily intended for IT professionals involved in desktop support. Its aim is to introduce delegates to Microsoft Windows 7 and particularly the new security, user productivity and manageability features with a view to getting the maximum business benefit from this new product.

Pre-requisites:

Delegates should have a:

- Working knowledge of Windows XP; experience in Windows Vista would be an advantage but is not essential
- Basic understanding of computer hardware and networking technologies

Course objectives:

On completing the course, you will be able to:

- Describe the benefits of the Windows 7 operating system
- Demonstrate the new Desktop features
- Set the computer to operate in a Homegroup, a Workgroup and a Domain
- Demonstrate the security enhancements included in Internet Explorer 8
- Be able to secure drives by using Bitlocker and Bitlocker to Go
- Set up Applocker to restrict unwanted applications from running
- Understand the benefits of Windows 7 Monitoring and Management tools
- Describe the new built-in Group Policy settings and those available with Server 2008 R2
- Save energy by implementing one of the Power Plans
- Understand how to set up a Direct Access connection to a server
- Effectively troubleshoot a Windows 7 computer using the new Windows Troubleshooting Platform

Specific topics covered within the course:

- User productivity features in Windows 7
- Setup and use of the new Jumplist, Aero Peek, Aero Snap and enhanced Taskbar features
- Changes to the networking features within Windows 7 including Homegroups
- Internet Explorer 8 security enhancements
- Data protection features within Windows 7
- Configuration and use of new security features such as Bitlocker and Bitlocker to go
- Configuring the new Power Plans
- New Device Stage peripheral device support
- New enhanced monitoring and management tools
- Controlling applications with Applocker
- Group Policy features and enhancements
- Overview of remote access using Direct Access
- Windows 7 remote management features
- Automating management tasks
- Configuration and use of the new monitoring and management features
- The new Troubleshooting Platform

Certification:

Delegates may request a certificate of attendance.