




	7 Offline files
4. Understand network configuration and connectivity parameters	<p>4.1 Be able to configure IPv4 and IPv6 networks</p> <p>4.2 Be able to implement Automatic IP Address Allocation (APIPA)</p> <p>4.3 Analyse network connectivity process</p> <p>4.4 Be able to resolve IP connectivity issues</p> <p>4.5 Demonstrate TCP/IP troubleshooting tools</p>
5. Understand wireless network connections configuration process	<p>5.1 Outline the overview of wireless networks</p> <p>5.2 Be able to configure wireless network</p> <p>5.3 Be able to configure mobile computer device settings</p> <p>5.4 Be able to configure Remote Desktop and Remote Assistance for Remote Access</p> <p>5.5 Be able to configure DirectAccess and BranchCache for Remote Access</p> <p>5.6 Analyse wireless network security</p>
6. Overview of Windows 7 Security Management	<p>6.1 Analyse key security features in Windows 7</p> <p>6.2 Be able to secure client computers using Group Policy</p> <p>6.3 Be able to use EFS and BitLocker to secure data</p> <p>6.4 Be able to configure application restrictions and User Account Control</p> <p>6.5 Analyse Windows 7 password and account lockout policies</p> <p>6.6 Analyse authentication methods</p> <p>6.7 Be able to troubleshoot software and resolve security issues</p> <p>6.8 Be able to configure Windows Firewall</p>
7. Understand network security configuration settings	<p>7.1 Summarise Windows Firewall Advanced Security</p> <p>7.2 Explain Windows Explorer Security features</p> <p>7.3 Be able to troubleshoot Internet Explorer</p> <p>7.4 Be able to configure application restrictions</p> <p>7.5 Be able to configure Windows Updates</p>
8. Understand the tools for maintaining and optimising Windows 7 client computers	<p>8.1 Be able to use the Performance Tools used to maintain performance</p> <p>8.2 Be able to use the Windows 7 Diagnostic tools to maintain reliability</p> <p>8.3 Be able to backup and restore data</p> <p>8.4 Be able to troubleshoot performance issues</p> <p>8.5 Be able to monitor and manage Windows Performance</p> <p>8.6 Explain Superfetch, ReadyDrive and ReadyBoost technologies</p> <p>8.7 Outline Windows 7 recovery tools</p>

**Recommended Learning Resources:
Windows Client Networking – Windows 7**

Text Books	<ul style="list-style-type: none">• Windows 7 Configuration with Lab Manual Set (Microsoft Official Academic Course Series). ISBN-10: 047089122X• Windows 7 Enterprise Desktop Support Technician Revised and Expanded Version with Lab Manual Set. ISBN-10: 1118152565
Study Manuals 	BCE produced study packs
CD ROM 	Power-point slides
Software 	Windows 7 Client Operating System

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