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| **Unit 1 LO3** | **Understand Business IT Systems Road Map** | | | | | |
| In this unit you will investigate water on the land. The aims are as follows:  **LG1**: Knowledge  **LG2**: Application  **LG3**: Skills | Assessment Grades |  |  | | | |
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| **Themes** | **Learning Goals/Outcomes/Content** | | |  |  |  |
| What is a server?  What different types of server are used in a client server network? | **LG1:** Understand how different types of server are used in a client-server network.  **LG2:** Apply knowledge of how servers are used in different business environments. | | |  |  |  |
| What is virtualisation?  What are the advantages and disadvantages of virtualisation software? | **LG1:** Understand what virtualisation is.  **LG2:** Apply knowledge of virtualisation to identify the advantages and disadvantage of virtualisation software. | | |  |  |  |
| What is a network topology?  What are the advantages and disadvantages of each network topology?  How can I draw a network topology? | **LG1:** Identify different network topologies.  **LG1:** Understand the advantages and disadvantages of each network topology.  **LG3:** Be able to draw a diagrammatic representation of a network topology. | | |  |  |  |
| What is a per-to-peer network?  What are the benefits and issues of a peer-to-peer network? | **LG1:** Describe peer-to-peer networks  **LG2:** Apply knowledge of peer to peer networks to identify the benefits and issues. | | |  |  |  |
| What connectivity methods are available?  What is the benefit and drawback of each connectivity method? | **LG1:** Identify the characteristics and purpose of different connectivity methods.  **LG1:** Understand the benefits and drawbacks of each connectivity method. | | |  |  |  |
| What information systems are there?  What are the advantages and disadvantages of each information system in a context? | **LG1:** Know different information systems.  **LG2:** Apply knowledge of different information systems to identify the advantages and disadvantages of various business systems in each context. | | |  |  |  |
| **Assessment** |  | | |  |  |  |

**Links:**

**LG1:** Understanding computer networks enables you to understand how a computer can communicate with another computer.

**LG2:** Application is important so that you can identify a suitable network for a business as well as information systems.

**LG3:** Being able to draw a network topology enables you to plan the layout of a computer network.