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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.