Level 2 Install and configure equipment and operating systems (7266/7267-403/7540-229)

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Assignment guide for Candidates
Assignment B

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Level 2 Install and configure equipment and operating systems (7266/7267-403/7540-229) Assignment B

Introduction – Information for Candidates

About this document

This assignment comprises all of the assessment for Level 2 Install and configure equipment and operating systems (7266/7267-403/7540-229).

Health and safety

You are asked to consider the importance of safe working practices at all times.

You are responsible for maintaining the safety of others as well as your own. Anyone behaving in an unsafe fashion will be stopped and a suitable warning given. You will **not** be allowed to continue with an assignment if you compromise any of the Health and Safety requirements. This may seem rather strict but, apart from the potentially unpleasant consequences, you must acquire the habits required for the workplace.

Time allowance

The recommended time allowance for this assignment is 3 hours.

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Candidate instructions

Time allowance: 3 hours

Assignment set up:

This assignment is made up of **three** tasks/

- Task A – inspect, test and prepare **two** workstations.
- Task B – install the peer-to-peer network.
- Task C – prepare and implement a test plan.

Scenario

A customer is in the process of setting up a small business operation in a new office. Initially, the requirement is for two workstations connected in a peer-to-peer network with a shared printer. It will need to be easily expanded to a client-server network consisting of a server, ten workstations and two shared printers. You have been asked to prepare and install two workstations that the customer has bought second hand. The customer also requires a report on problems encountered during the preparation and installation process.

Task A – Inspect, test and prepare two workstations

1 Using the list provided by your Assessor on the System Test Report 1, select six tests to investigate the condition of the two workstations. Identify four inappropriate tests in the list and clearly mark them.

2 Carry out a safety inspection of the workstations. Connect each workstation individually, return all operating system configuration settings to default (producing at least one 'before and after' screen-print).

3 Carry out a hardware and software audit of each workstation and document the requirements for additional hardware (eg cards) on the installation request form to enable them to be connected in a peer-to-peer network (cables and hubs, lengths, etc).

4 Carry out the tests decided upon in Task A1. Document the results of the tests on the system hardware test sheets.

5 Resolve any problems with the hardware and operating systems before proceeding and record the details on the Fault Reporting Log Sheet.

6 Obtain from your Assessor

- additional hardware to convert the workstations
- details of any necessary changes to system board configuration.

7 Install the additional hardware. Record details on the Hardware Installation Sheet.

8 Install and configure the necessary operating system components and device drivers in each of the workstations to enable them to work as a peer-to-peer network. Record the details in the Software Installation Log.

Task B – Install the peer-to-peer network

1 Connect and configure the **two** workstations as a peer-to-peer network and document the connections on the System Installation Log (hardware). Document the network configurations on the System Installation Log (Software).

2 On the System Test Report 2, list **four** tests to prove the integrity and correct function of the operating systems and the network.

Task C – Prepare and implement a test plan

1 Carry out the series of tests selected in Task B2 and record the results on System Test Report 3.

2 Install the anti-virus software using the media provided by your Assessor. Produce a screen print.

3 Using the details on the Installation Request sheet, configure the operating system and anti-virus software. Produce a screen print showing the settings.

4 Create a directory structure with permissions as indicated on the Installation Request Sheet. Produce a screen print.

5 Test the directory structure to ensure that the access has been configured as requested.

6 Produce a brief report summarising all the problems encountered during the above process.

7 Hand all paperwork and removable storage media to your Assessor. Ensure that your name is clearly identified on your work.

8 Sign above your name and hand all paperwork to your Assessor.

End of assignment

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