Level 3 Install, configure and upgrade ICT software (7266/7267-504/7540-362)

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Assignment guide for Candidates
Assignment C

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Introduction – Information for Candidates

About this document

This assignment comprises all of the assessment for Level 3 Install, configure and upgrade ICT software (7266/7267-504/7540-362).

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 **4 hours**.

Level 3 Install, configure and upgrade ICT software (7266/7267-504/7540-362) Candidate instructions

Time allowance: 4 hours

Assignment set up:

This assignment is made up of **four** tasks

- Task A – Produce a software installation plan and test plan
- Task B – Install and configure an operating system and software
- Task C – Test the installed software
- Task D – Answer underpinning knowledge questions

Scenario

You work as a support technician looking after IT equipment. You have been asked to install network and client operating systems and some application software in a customer's system.

The plan is to build a basic network and then add to it as required. There is a server and a PC workstation.

The customer has purchased the software with sufficient user licences to cover current and future needs.

Task A – Produce a software installation plan and test plan

1 Examine the information about each item of software and record the relevant details.

2 Record the minimum system requirements for each item of software.

3 Produce a software installation plan that allows as much software as possible to be installed remotely from the server.

Task B – Install and configure an operating system and software

1 Install the network operating system onto the server.

2 Install the client operating system onto the workstation PC.

3 Configure the network using the instructions provided by your Assessor.

4 Record the network configuration settings.

5 Configure the server to automatically deploy the software applications, provided by your assessor, over the network.

- Installation folder system suitably organised
- Installation files transferred

6 Record the configuration settings of the deployment software.

7 Install the application software onto the PC workstation using the deployment software.

8 Configure the application software as directed by your Assessor.

Task C – Test the installed software

1 Produce a test plan that will confirm that the software has been successfully installed.

2 Test the application software to confirm that the installations have been successful. Record the results.

3 Record all of the installed software details including

- publisher
- title and version
- licence type and conditions
- installed location
- installation key

Task D – Answer underpinning knowledge questions

Q1 Describe the characteristics of the following software licence types.

- OEM
- Site
- Multi-user
- GNU General Public License

Q2 State one reason why data should be backed up before adding additional software to the network.

Q3 When installing software applications, explain why it may be necessary to use a 'custom' location for the files instead of the default one.

Q4 State **three** manufacturers' sources of help that should be available when installing software.

Q5 Describe **two** possible unwanted changes to system operation and performance that might result from additional software installation or upgrades. For **each** of the unwanted changes, describe a practical method of correcting it.

Q6 Explain the difference between an upgrade and a full installation of an operating system.

Q7 Give **two** reasons why it is important, particularly in a commercial environment, to maintain accurate software installation records.

Q8 Give **two** examples where software should be installed on a system in a particular order.

When you have finished working:

- Sign each document above your name and label all removable storage media with your name.
- Hand all paperwork and removable storage media to your assessor.

If the assignment is taken over more than one period, all paperwork and removable media must be returned to the test supervisor at the end of each sitting.

End of assignment

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