Level 2 Install, configure and maintain software (7540-230)

Systems and Principles
Assignment guide for Candidates
Assignment A

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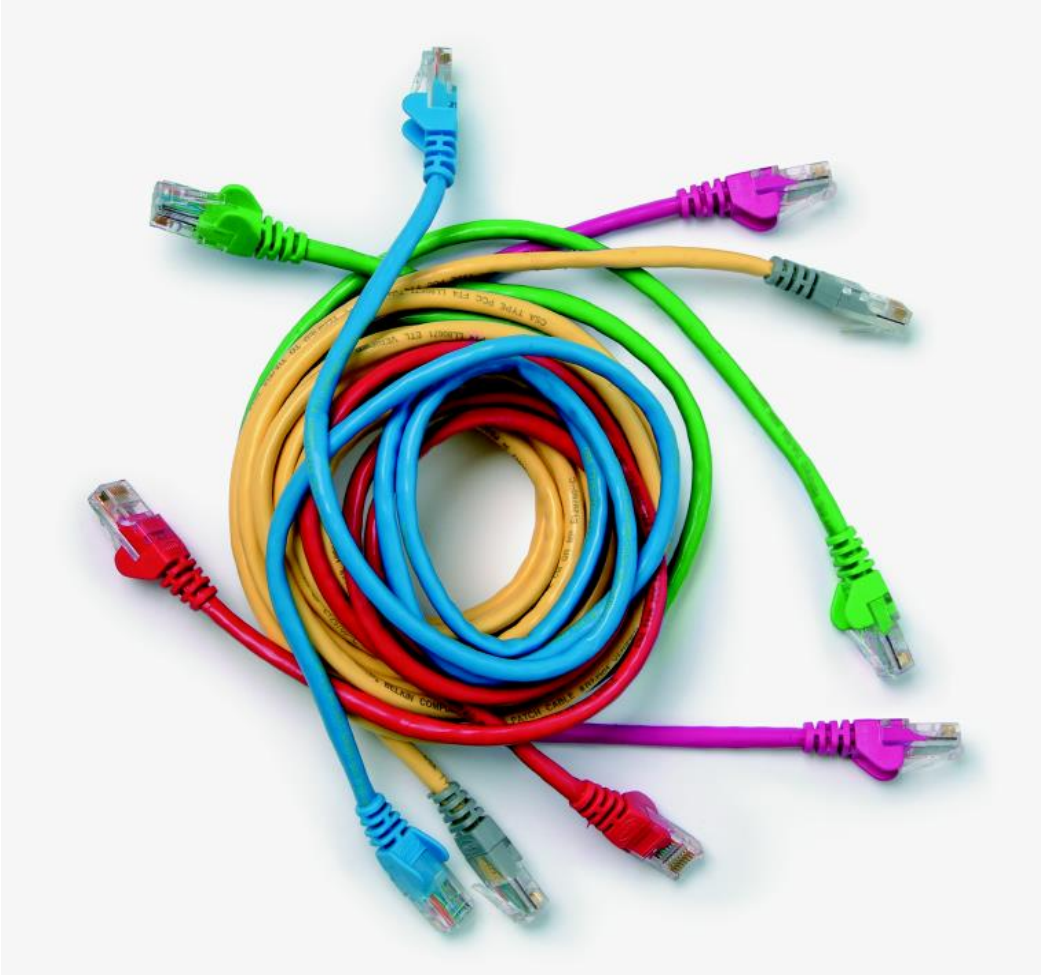

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Assignment A
Introduction – Information for Candidates

About this document
This assignment comprises all of the assessment for Level 2 Install, configure and maintain software (7540-230).

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 **2 hours**.

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Candidate Instructions

Time allowance: 2 hours

Assignment set up:

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

- Task A – Prepare the system and software for installation
- Task B – Install and configure the anti-virus software
- Task C – Install and configure a web browser
- Task D – Testing, uninstalling and configuring software.

Scenario

You are employed as an ICT Technician, providing support to a company that writes software applications. You have been tasked with preparing a non-standard workstation for one of the software developers to use for the purpose of testing some code with different applications. The workstation has a basic operating system installed and you are required to install and configure an 'open source' web browser and email client, along with a 'free' anti-virus package.

In this assignment you are asked to prepare, install, update and configure software on the workstation and to answer some questions relating to that work. It is important to record all of the requested details fully and accurately.

Task A – Prepare the system and software for installation

1 Boot up the system and identify the location of the information requested and fully record it on the **System Information Sheet** provided.

2 For all **three** of the software applications you are about to install, check the details obtained in Task A1 against the software requirements.

3 Prepare the system for installation of the software by backing-up files as detailed by the Assessor.

Task B – Install and configure the anti-virus software

1 Install the anti-virus software, opting for the 'full' or 'typical' option as directed by the Assessor and complete the **Software Installation Log** provided by your Assessor. Record any discrepancies or problems found during installation.

Use the registration key code provided by your Assessor.

2 Configure the anti-virus software to do the following:
- monitor downloaded files
- monitor incoming and outgoing emails and attachments
- complete a full system scan at 16:00 every day
- enable automatic updates weekly on Thursdays at 15:00
- show an icon when it is scanning incoming and outgoing emails and attachments.

All other settings to remain as the default.

3 Complete a manual update of virus definitions and record your actions in the **Software Installation Log** provided by your Assessor.

4 Scan the web browser and email client installation files for viruses.
Reinstall any non-functioning software as directed by the Assessor.

Complete the **Software Installation Log** provided by your Assessor.

Task C – Install and configure a web browser

1 Install the web browser and configure it as follows (all other settings set to default):
- default browser
- home page as detailed by the Assessor
- remove the browsing history on exit
- manage cookies as detailed by the Assessor
- security level as detailed by the Assessor
- save download files to a location nominated by the Assessor
- test that your computer system still functions as required.

Use the registration key code provided by your Assessor if applicable.

Using the **Software Installation Log** provided by your Assessor, complete the installation details.

2 Download a file as indicated by the Assessor, using the web browser. Save the file twice using the file names and location as specified by your Assessor.

3 Install the email client and configure it as specified by the Assessor.

Use the registration key code provided by your Assessor.
Using the **Software Installation Log** provided by your Assessor, complete the installation details.

Task D – Testing, uninstalling and configuring software

1 Having installed the web browser you find that web pages are taking longer than expected to load.

Create a test plan to check access times to the internet.

Using utility software, check and record the upload and download access times.
Print (or screen print if the facility is not available) the results of the tests.

From the test results, apply any simple corrective actions and record these in the **Software Installation Log** provided by your Assessor.

2 Archive any emails.

Use the operating system uninstaller to remove the email software from the system.
Using the **Software Installation Log** provided by your Assessor make a record of the uninstall.

3 Reboot the system and check that the software has been successfully removed and that the system operates correctly.

4 Configure the anti-virus software to restore the default settings making a record in the **Software Installation Log** provided by your Assessor.

5 Close all open applications and shut the system down.

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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