

End-point assessment venue and resources list

9648-73 Infrastructure Technician, Level 3

This document lists the requirements for the end-point assessment (EPA). These may include:

- venue specifications
- IT requirements
- tools
- resources
- physical resources.

If you don't meet these requirements, it may not be possible to assess your apprentice properly and the EPA event may have to be cancelled. You will still be charged.

Please read through this list carefully and share with colleagues who may be needed to help meet the requirements. Remember that we're here to help you, if you have questions not answered here or in the assessment plan, you can talk to your business manager or email apprenticeships@cityandguilds.com.

End-point assessment

The focus of the EPA is for the apprentice to demonstrate the values, knowledge, skills and behaviours set out in the apprenticeship standard and to be able to demonstrate this level of professional competence in authentic workplace contexts.

EPAs are formal summative assessments that conclude an apprenticeship programme. Each apprenticeship will be assessed in a number of ways to provide a clear indication of the apprentice's knowledge and skills. For this apprenticeship the following assessment methods need to be achieved:

- employer reference
- summative portfolio
- synoptic project
- interview with an independent end-point assessor (IEPA)

Remote assessment

Remote assessment is live assessment that is supported by technology where the IEPA and the apprentice are not in the same physical location when the assessment takes place.

For this apprenticeship the following assessments can be conducted remotely

- Interview with an independent end-point assessor

For more detailed information around the conditions and requirements that must be met for remote assessment please refer to the **Manual for the End-Point Assessment Service**.

Resource required

Synoptic project

A quiet room with adequate lighting, space and privacy. It must be away from the pressures of work activities, in a controlled environment. This may be on or off the employer's premises.

A responsible person to supervise the assessment activity during its entirety.

INFTEC01

- Windows server with DHCP enabled
- Separate device to create the baseline OS and associated OS software
- Separate device with an older version of a Windows OS installed
- Repository of user data (minimum of 100MB) and settings to enable migration
- Separate device to allow the apprentices to record the project
- Access to a network that provides internet access for research
- Access to a network to test the connectivity between client and the server
- Access to a PST file or archived emails
- Access to the utilities to allow the migration

INFTEC02

- Server with DHCP enabled and IP addresses matching those given in the network diagram
- Hardware firewall device to allow configuration
- Device with internet access and an office productivity package access
- Access to a network of at least two devices configured as separate VLANs
- Multimedia streaming applications of the centres choice
- Security testing applications of the centres choice

INFTEC03

- System running a Windows OS with a single network interface card installed to allow internet access. Capable of supporting two virtual environments
- System device connected to the LAN
- PC with access to the internet and an office productivity package
- Removable storage device, capable of moving data between systems

INFTEC04

- Five clients two of which are mobile devices configured with IP addresses within range
- Wireless access point
- Hardware firewall
- PC with internet access and an office productivity package
- Variety of network cables

INFTEC05

- One PC with an internet connection and office productivity package installed
- Four PCs or laptops with OS and antivirus package installed
- One switch or wireless access point
- One router (may be wired or wireless, where a wired router is used a wireless access points will be needed)
- One firewall (where the routers are not capable of being configured as firewalls)
- Built in utilities or third party software to enable troubleshooting
- Antivirus software
- Third party security software

INFTEC06

- New server (without OS installed)
- Image server/old OS
- test machine/server
- Network media required for connectivity
- Media containing the latest version of the chosen OS
- A system with internet connectivity and office productivity suite
- USB device for testing

INFTEC07

- One PC with an internet connection and Office package installed
- Four PCs or laptops with OS and antivirus package installed
- One switch or wireless access point
- One router (may be wired or wireless, where a wired router is used a wireless access point will be needed)
- One firewall where the routers are not capable of being configured as firewalls
- Built in utilities or third party software to enable troubleshooting
- Hardware and software to allow secure remote connections

INFTEC08

- One PC with an internet connection and Office package installed
- Four PCs or laptops with OS and antivirus package installed
- One switch or wireless access point
- One router (may be wired or wireless, where a wired router is used a wireless access point will be needed)
- One firewall where the routers are not capable of being configured as firewalls
- One NAS storage device
- Cables and connectors
- Built in utilities or third party software to enable troubleshooting
- One PC with an internet connection and office package installed
- Four PCs or laptops with OS and antivirus package installed
- One switch or wireless access point
- One router (may be wired or wireless, where a wired router is used a wireless access point will be needed)
- One firewall where the routers are not capable of being configured as firewalls
- Cables and connectors
- Built in utilities or third party software to enable troubleshooting FTEC09

Interview with an independent end-point assessor

A suitable room for the interview to take place, large enough to accommodate all those involved including panel member where applicable

Seating area or room for any other apprentices to wait

Access to water and cups

Where applicable, internet access and suitable equipment for remote assessment as outlined in the Manual for the End-Point Assessment Service