



Australian Government

Assessment Requirements for CPPSEC4018 Program and configure networked security systems

Release: 1

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Modification History

Release 1 This version first released with CPP Property Services Training Package Release 9.0.

Supersedes and is equivalent to CPPSEC4018A Configure security devices on IT networks. Updated to meet the Standards for Training Packages.

Performance Evidence

To demonstrate competency, a candidate must meet the performance criteria of this unit by programming and configuring three different internet protocol (IP) networked security systems.

Knowledge Evidence

To be competent in this unit, a candidate must demonstrate knowledge of:

- workplace policies and procedures that ensure compliance with legislative and regulatory requirements when programming and configuring networked security systems:
 - licensing requirements and limits of own authority
 - requirements for complying with Australian Communications and Media Authority cabling rules
 - work health and safety
- cable identification methods and techniques
- common computer commands used to verify and manage internet protocol and network performance
- difference between programming and configuration of security equipment and systems
- documentation to be completed when programming and configuring networked security systems to ensure compliance with licensing and warranty requirements
- fundamentals of routers, switches, firewalls and wireless access points
- fundamentals of scripting language
- keypad and control panel types and functions for a range of security equipment and systems
- local area network and wide area network capabilities
- meaning of multiple form factor authentication
- methods for ensuring IP networked systems and equipment are properly secured
- principles of security system networking and integration including IP addresses and devices

- tests to confirm correct configurations, operation and connections for networked security systems
- tools and equipment including personal protective equipment (PPE) used when programming and configuring networked security systems at client sites
- types, functions and features of computerised, electronic and manual security equipment and systems that require programming and configuration:
 - access control systems
 - audible and visual warning devices
 - cameras and monitors
 - commercial and residential alarm systems
 - detection devices
 - electronic and mechanical fire safety and fire locking systems
 - electronic locks and locking systems
 - electronic readers
 - electronic screen equipment
 - intercoms and control panels
 - security doors and door controls
- types of earthing systems used in electrical installations
- typical hazards encountered when programming and configuring networked security systems and the control measures for each:
 - confined spaces
 - electrical
 - hazardous materials and chemicals
 - hidden utilities
 - people in the work area
 - power tools
 - vermin.

Assessment Conditions

Links

Companion volumes to this training package are available at the VETNet website -
<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>