



Australian Government

Assessment Requirements for UEECS0014

Develop computer network services

Release: 1

Assessment Requirements for UEECS0014 Develop computer network services

Modification History

Release 1. This is the first release of this unit of competency in the UEE Electrotechnology Training Package.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least two separate occasions and include:

- analysing approaches to issues/problems to provide effective solutions
- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including
 - using risk control measures
- configuring management components of network services
- consulting with relevant person/s and planning activities to meet scheduled timelines
- creating security components of network services
- determining the scope of network services for development
- developing solutions to optimise network performance
- documenting justification and network services development activities
- identifying and rectifying network malfunctions
- implementing strategies to ensure network development is carried out effectively
- installing and configuring network infrastructure components
- monitoring quality of work
- preparing to develop network services
- selecting development tools and software based on specified requirements and performance standards.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- remote access
- file and print services
- configure routing and firewalls
- domain name service (DNS) encompassing
- dynamic host configuration protocol (DHCP)
- internet protocol (IP) version 4 (IPv4) and IP version 6 (IPv6) addresses

- monitoring and maintaining of network services
- problem-solving techniques
- relevant components, development tools and software
- relevant industry standards
- relevant job safety assessments or risk mitigation processes
- relevant manufacturer specifications and installation instructions
- relevant network services and infrastructure
- relevant rectifying malfunctions techniques
- relevant WHS/OHS legislated requirements
- relevant workplace documentation, including
 - network service development records
- relevant workplace instructions, quality, policies and procedures.

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in suitable workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated suitable workplace operational situations that replicate workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or simulations
- relevant and appropriate materials, tools, facilities and equipment currently used in industry
- resources that reflect current industry practices in relation to developing network services
- applicable documentation, including workplace procedures, equipment specifications, regulations, codes of practice and operation manuals.

Links

Companion Volume implementation guides are found in VETNet - -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b8a8f136-5421-4ce1-92e0-2b50341431b6>