



Australian Government

UEECS0016 Develop energy sector directory services

Release: 1

UEECS0016 Develop energy sector directory services

Modification History

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

Application

This unit involves the skills and knowledge required to develop energy sector directory services.

It includes applying safe working practices, and installing and configuring directory services infrastructure. It also includes maintaining the directory services environment and documenting development activities.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

UEECD0007 Apply work health and safety regulations, codes and practices in the workplace

Competency Field

Computer Systems

Unit Sector

Electrotechnology

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Prepare to develop energy sector directory services

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

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|------------|---|
| 1.1 | Work health and safety (WHS)/occupational health and safety (OHS) processes and workplace procedures for a given work area are identified, obtained and applied |
| 1.2 | WHS/OHS risk control measures and workplace procedures are followed in preparation for work |

- 1.3 Directory services to be developed are determined from network performance specifications and in consultation with relevant person/s
 - 1.4 Activities are planned in accordance with workplace procedures for timelines and in consultation with others involved
 - 1.5 Development tools and software are selected based on directory service requirements and network performance specifications
 - 1.6 Activities are implemented to ensure directory service development is carried out in accordance with workplace procedures
- 2 **Install, configure and manage energy sector directory services**
 - 2.1 WHS/OHS risk control measures and workplace procedures for carrying out the work are followed
 - 2.2 Complexities of directory services are applied to developing a directory services infrastructure
 - 2.3 Structural components of directory services are installed and configured in accordance with relevant industry standards and specified for the network
 - 2.4 Management components of directory services are configured in accordance with relevant industry standards and specified for the network
 - 2.5 Security components of directory services are created using appropriate policy tools in accordance with relevant industry standards and network requirements
 - 2.6 Directory service malfunctions are identified and rectified using techniques in accordance with workplace procedures and relevant industry standards
 - 2.7 Directory services are monitored and solutions are developed for network performance and reliability in accordance with workplace procedures
 - 2.8 Security events are analysed and actions taken in accordance with workplace procedures
 - 2.9 Approaches to issues/problems are analysed to provide effective solutions

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|---|-------------|---|
| | 2.10 | Quality of work is monitored in accordance with workplace procedures and/or directory service requirements or relevant industry standards |
| 3 Report network administration activities | 3.1 | Justification for directory services development activities are documented and relevant person/s notified in accordance with workplace procedures |
| | 3.2 | Directory services development records are maintained in accordance with workplace procedures |

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions may be found in the UEE Electrotechnology Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to UEENEED147A Develop energy sector directory services.

Links

Companion Volume implementation guides are found in VETNet - -

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

Assessment Requirements for UEECS0016 Develop energy sector directory services

Modification History

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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:

- applying relevant work health and safety (WHS)/occupational health and safety (OHS) requirements, including:
 - using risk control measures
- configuring directory services components
- dealing with unplanned events in accordance with workplace procedures and safe work practices
- documenting directory services development activities
- installing and configuring a directory services infrastructure
- installing, configuring and managing energy sector directory services
- preparing to develop energy sector directory services
- testing and maintaining directory services.

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:

- configuring directory service roles and services
- configuring the directory services infrastructure
- creating and maintaining directory service objects
- maintaining the directory services environment
- relevant manufacturer specifications
- relevant job safety assessments or risk mitigation processes
- relevant tools and software
- relevant WHS/OHS legislated requirements
- relevant workplace documentation
- relevant workplace 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 energy sector directory services
- applicable documentation, including workplace procedures, equipment specifications, regulations, codes of practice and operation manuals.

Links

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