



Australian Government

UEECS0016 Develop energy sector directory services

Release: 1

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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>