Assessment Requirements for ICTNWK536 Plan, implement and test enterprise communication solutions

Assessment Requirements for ICTNWK536 Plan, implement and test enterprise communication solutions

Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 4.0.

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements and performance criteria of this unit; including evidence of the ability to:

- Plan, implement and test enterprise communication solutions including:
  - one email system including:
    - preparing existing networks
    - configuring users, mailboxes, address lists, distribution lists, user constraints, remote email access, message integrity and antispam controls, antivirus controls and anti-phishing controls
  - one content management system including:
    - planning namespace and server roles
    - configuring access, security, network infrastructure and customisations
    - providing high availability and disaster recovery
  - one collaboration tool including:
    - planning namespace and server roles
    - configuring access, security, network infrastructure and customisations
    - providing high availability and disaster recovery
    -

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements and performance criteria of this unit. This includes:

- Key requirements of an ICT implementation plan
- Features and purpose of an email server application
- Features and purpose of organisational collaboration tools
- Features and purpose of web portal or content management software
- Testing processes
- Key principles of data protection, including:

- backup and restoration
- firewall configuration
- security and authentication practices
- Important features of network administration, including:
    - load balancing for applications
    - server and directory administration
    - infrastructure
    - web server administration
    -

Assessment Conditions

Skills must be demonstrated in a workplace or simulated environment where conditions are typical of those in an ICT working environment or ICT workplace. This includes:

- Site where server applications can be installed
- Networked servers
- Organisational requirements for email solution, remote access to email, content management system, and collaboration tools.
- Details relating to enterprise email requirements including users, mailboxes, address lists, distribution lists, and user constraints
- Antivirus, antispam, and anti-phishing controls
- Enterprise collaboration software
- Workstations
- Switch
- Wide area network (WAN) service point of presence
- Individual stakeholders to consult

Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guides are available from VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2