



Australian Government

Assessment Requirements for ICTTEN623 Design and manage internet protocol TV in a service provider network

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 7.0.

Performance Evidence

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

- produce and evaluate design requirements for at least two internet protocol TV (IPTV) networks.

In the course of the above, the candidate must:

- design IPTV network for voice on demand (VoD) delivery
- design and configure a multiprotocol label switching (MPLS) IPTV network to meet business requirements
- manage delivery of IPTV services.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- required legislation, codes, company work practices, regulations and standards, workplace health and safety (WHS) requirements for scoped work
- competing video delivery over broadband networks
- current industry-accepted IPTV hardware and software products
- networking technologies including:
 - network operating systems
 - internet protocol (IP) networks
 - MPLS networks
- IPTV transmission technologies and protocols
- workplace documentation, including diagrammatic material
- functions and features of:
 - management and customer support plans

- video network plans.

Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- protocols, configuration documents, management tools and standards
- network and demographic trends, and customer demand data.

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

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>