



Australian Government

Assessment Requirements for ICTPRG553 Create and develop REST APIs

Release: 2

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Modification History

Release	Comments
Release 2	This version first released with ICT Information and Communications Technology Training Package Version 7.2. Version created to correct a typographical error in the performance evidence.
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 6.0.

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:

- build and test at least one representational state transfer (REST or RESTful) application program interface (API) endpoint and confirm functionality.

In the course of the above, the candidate must:

- enable cross origin resource sharing (CORS)
- use GET, POST, PUT, DELETE and PATCH methods
- secure REST API with authentication and authorisation
- document REST API work.

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:

- features and different applications that applies to the HTTP network protocol
- features and anatomy of REST API HTTP request and response, including HTTP headers and body
- language used in programming language
- HTTP GET, POST, PUT and OPTIONS methods and features of each
- CORS methodology.

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:

- client/user agent
- integrated development environment (IDE)
- the internet, including connectivity
- required hardware, software and applications.

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>