Assessment Requirements for BSBXBD401 Capture and store big data

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with BSB Business Services Training Package 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:

- capture, apply data cleansing, and store one set of transactional and one set of non-transactional big data relating to specific workplace needs
- create a report relating to data capture for a specific workplace need for at least one set of transactional and one set of non-transactional big data.

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:

- legislative requirements relating to big data capture and storage, including data protection, security and privacy laws and regulations
- organisational policies and procedures relating to big data capture and storage, including for:
  - capturing, storing and reporting transactional and non-transactional sources of big data
  - cleansing methodologies when capturing big data
  - business intent of big data capture
  - re-creating and recovering big data lost during capture process
  - privacy concerns of predictive analytics organising security and retrieval of big data
  - quality assuring captured big data
- data capture techniques to produce analytic ready data and datasets
- big data features and their impact on data capture and storage, including velocity, volume, variety, value, and veracity
- variability and complexity of big data:
  - structured and unstructured
  - transactional and non-transactional
- framework for distributed storage of big data

- platform solutions for capturing and storing big data
- key features of organisational products and services related to big data capture
- technologies, techniques and protocols for capturing, storing and retrieving big data
- secure data access and control mechanisms of captured and stored big data
- high availability and scalability challenges with big data.

Assessment Conditions

Skills must be assessed in a workplace or simulated environment where conditions are typical of a work environment that uses big data.

Access is required to:

- information and data sources to inform big data capture
- information and telecommunications equipment required to capture and store big data
- industry standards, organisational procedures, and legislative requirements required to demonstrate the performance evidence.

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