



Australian Government

Department of Education, Employment and Workplace Relations

ICAT1206B Check site security

Release: 1

ICAT1206B Check site security

Modification History

Not Applicable

Unit Descriptor

Unit descriptor	<p>This unit defines the competency required to use the features of a web browser to determine the security status of a remote server before it is accessed.</p> <p>There may be benefit in concurrent learning with the following unit:</p> <ul style="list-style-type: none"> ICAU1128B Operate a personal computer <p>The following units are linked and form an appropriate cluster:</p> <ul style="list-style-type: none"> ICAS1193B Connect a workstation to the internet ICAU1128B Operate a personal computer ICAU1133B Send and retrieve information using web browsers and email ICAU1204B Locate and use relevant on line information ICAU1213B Conduct online transactions <p>No licensing, legislative, regulatory or certification requirements apply to this unit at the time of publication.</p>
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Application of the Unit

Application of the unit	
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Licensing/Regulatory Information

Refer to Unit Descriptor

Pre-Requisites

Prerequisite units	

Prerequisite units		

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.
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Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1. Activate browser security features	<p>1.1. Identify and access built in <i>security features</i> from the <i>toolbar</i> or pull-down menu of a <i>browser</i></p> <p>1.2. Activate security features on own <i>browser</i> that identify a <i>secure site</i> by automatically opening a warning box</p> <p>1.3. Activate other <i>security features</i> as necessary, including alerts when you are leaving a <i>secure site</i> by automatically opening a warning box</p>
2. Identify security of website	<p>2.1. Ascertain whether the website has a statement about the how it manages site security</p> <p>2.2. Confirm that code passwords are not seen when viewing source</p> <p>2.3. Check if the website has a privacy statement relating to the use of personal information and <i>sensitive information</i></p> <p>2.4. Ascertain whether the website states the security process related to <i>sensitive information</i></p>
3. Determine integrity of website	<p>3.1. Check if the website has statements relating to the disclosure of information particularly <i>sensitive information</i></p> <p>3.2. Find the details of products, services and support provided</p> <p>3.3. Check that the policy and procedure details on cancelling, returning and refunding on services, products and support are stated</p> <p>3.4. Ensure copyright statements and acknowledgements are evident</p>
4. Identify website credentials	<p>4.1. Determine if the website is operated by a <i>bona-fide or registered business</i></p> <p>4.2. Check that disclaimers made by the business are reasonable and lawful</p> <p>4.3. Ensure that services, products and advertising information regarding services and products are lawful</p>

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills

- Basic web security
- Basic computer operation
- Basic browser configuration

Required knowledge

- Browser use
- Identifying secure links via browser
- Consumer protection issues
- Copyright and intellectual property

Evidence Guide

EVIDENCE GUIDE	
The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.	
Overview of assessment	
Critical aspects for assessment and evidence required to demonstrate competency in this unit	<p>Evidence of the following is essential:</p> <ul style="list-style-type: none"> Assessment must confirm the ability to use basic security features on a browser and access website information to identify sites being visited as secure or insecure. <p>To demonstrate competency in this unit the person will require access to:</p> <ul style="list-style-type: none"> Personal computer Internet access Remote websites Browser
Context of and specific resources for assessment	<p>The breadth, depth and complexity of knowledge and skills in this competency would prepare a person to perform a defined range of activities many of which may be routine and predictable.</p> <p>Assessment must ensure:</p> <ul style="list-style-type: none"> Demonstration of this competency provides for basic security questions and checks to be implemented when accessing websites. Applications may include a variety of employment related skills including preparatory access and participation skills, broad-based induction skills and/or specific workplace skills. They may also include participation in a team or work group.
Method of assessment	<p>The purpose of this unit is to define the standard of performance to be achieved in the workplace. In undertaking training and assessment activities related to this unit, consideration should be given to the implementation of appropriate diversity and accessibility practices in order to accommodate people who may have special needs. Additional guidance on these and related</p>

EVIDENCE GUIDE

	<p>matters is provided in ICA05 Section 1.</p> <ul style="list-style-type: none"> Competency in this unit should be assessed using summative assessment to ensure consistency of performance in a range of contexts. This unit can be assessed either in the workplace or in a simulated environment. However, simulated activities must closely reflect the workplace to enable full demonstration of competency. Assessment will usually include observation of real or simulated work processes and procedures and/or performance in a project context as well as questioning on underpinning knowledge and skills. The questioning of team members, supervisors, subordinates, peers and clients where appropriate may provide valuable input to the assessment process. The interdependence of units for assessment purposes may vary with the particular project or scenario.
<p>Guidance information for assessment</p>	<p>Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended, for example:</p> <ul style="list-style-type: none"> ICAS1193B Connect a workstation to the internet ICAU1128B Operate a personal computer ICAU1133B Send and retrieve information using web browsers and email ICAU1204B Locate and use relevant on-line information ICAU1213B Conduct online transactions <p>An individual demonstrating this competency would be able to:</p> <ul style="list-style-type: none"> Demonstrate knowledge by recall in a narrow range of areas Demonstrate basic practical skills, such as the use of relevant tools Perform a sequence of routine tasks given clear direction Receive and pass on messages and information Maintain knowledge of industry products and

EVIDENCE GUIDE

services

Range Statement**RANGE STATEMENT**

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.

Security features may include but are not limited to:

- security levels
- trusted sites
- privacy
- secure sockets layer (SSL)
- encryption

Toolbar may contain:

- buttons
- menus
- a combination of both

Bona-fide or registered business

- Includes businesses providing goods or services in 'good faith' businesses with operations and organisational structures and governance arrangements that are authentic and genuine; Australian businesses that have Australian Company Numbers (ACN), Australian Business Numbers (ABN), or some other form of registered body and physical address details that can be verified.

Disclosure may include:

- payment policies
- warranties
- additional charges

Secure site may include:

- secure technologies such as SSL and secure version of HTTP (HTTPS)

Browser may include but is not limited to:

- Netscape Navigator
- Internet Explorer
- Mozilla
- Opera
- Galleon

RANGE STATEMENT	
	<ul style="list-style-type: none"> • Phoenix • Konqueror • Lynx
<i>Sensitive information</i> may include but is not limited to:	<ul style="list-style-type: none"> • credit card details • user names and passwords • email addresses • any other information that should not be made publicly available
<i>Security process</i> may include but is not limited to:	<ul style="list-style-type: none"> • SSL • HTTPS

Unit Sector(s)

Unit sector	Test
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Co-requisite units

Co-requisite units		

Competency field

Competency field	
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