

000001**Install an operating system for an organisation**

Kaupae Level	5
Whiwhinga Credit	10
Whāinga Purpose	<p>This skill standard is for people who want to learn how to install operating systems in organisational contexts.</p> <p>It is for computer technicians, help desk and technical support officers, and anyone else employed in roles that involve Information Technology (IT) technical support.</p> <p>It can be used in the New Zealand Diploma in Information Technology Technical Support (Level 5) [ref. 2596]</p>

Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Analyse business requirements to install an operating system for an organisation.	a. Carry out an analysis of an organisation to distinguish the needs of the operating system.
	b. Propose a recommendation for an operating system based on the results of the completed analysis
	c. Explain the concepts and principles of OS in supporting organisational processes.
2. Install, configure, and maintain operating systems for an organisation	a. Install and configure an operating system to function for the organisation's requirements.
	b. Configure dual-boot OS and manage disk partitions.
	c. Manage organisational user accounts, permissions, and file systems effectively.
	d. Apply OS security measures, update and patch the system, and implement backup recovery strategies for the organisation.
	e. Diagnose issues and identify effective solutions to resolve OS-related issues.

Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria*Assessment specifications:*

You will need to apply the skills outlined in the assessment criteria to two different operating systems.

The assessment must take place in a realistic practical setting which incorporates industry standard technologies relevant to current practice.

To complete this standard, you must observe expected standards of behaviour for IT practitioners in New Zealand. The IT Professionals New Zealand Code of Ethics provides a guideline for these behaviours.

Ngā momo whiwhinga | Grades available

Achieved

Ihirangi waitohu | Indicative content

- concepts, structures, and functionalities of operating systems
- Types and classification of OS
- Procedures and techniques for installing, configuring, and troubleshooting OS
- User Management and File Systems
- OS security and maintenance

Rauemi | Resources

- The IT Professionals New Zealand Code of Ethics is available at <https://itp.nz/practice-guidelines>.

Pārongo Whakaū Kouna | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Toi Mai Workforce Development Council
Whakaritenga Rārangi Paetae Aromatawai DASS classification	Computing and Information Technology > Computing > Computer Support
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	<0099>

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	<type here>	[dd mm yyyy]	[dd mm yyyy]
Arotakenga Review	<type here>	[dd mm yyyy]	[dd mm yyyy]
Kōrero whakakapinga Replacement information	<type here>		
Rā arotake Planned review date	[dd mm yyyy]		

Please contact Toi Mai Workforce Development Council at qualifications@toimai.nz to suggest changes to the content of this skill standard.