

**000006****Manage a server for an organisation**

<b>Kaupae   Level</b>	5
<b>Whiwhinga   Credit</b>	10
<b>Whāinga   Purpose</b>	<p>This skill standard is for people who want to learn how to manage servers 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**

<b>Hua o te ako   Learning outcomes</b>	<b>Paearu aromatawai   Assessment criteria</b>
1. Install, configure, and maintain servers and server operating systems for an organisation.	a. Identify and evaluate server requirements for an organisation, including hardware, software, storage, and network
	b. Install and configure the server operating system to support organisational processes.
	c. Install, configure, and manage Virtual Machines to support organisational processes.
	d. Deploy and manage servers in a cloud environment following organisational requirements.
2. Manage server storage, backup, and recovery processes	a. Implement a disaster recovery plan to minimise downtime and data loss and ensure business continuity in an IT organisation.
	b. Perform best practices in decommissioning servers and server storage, ensuring compliance with relevant regulations and guidelines
3. Implement and maintain server security measures	a. Implement server security and access control to protect servers from unauthorised access and ensure data integrity in an IT organisation.
	b. Apply server security best practices, including physical and network security, server hardening, and data protection, to support organisational processes.

**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 a range of scenarios, specific to a particular organisational context, in which you will be given the opportunity to work with servers.

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

The assessor may gather evidence for this assessment over time from a range of scenarios as opposed to a single assessment in which the learner must apply all of the assessment criteria.

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**

- Server Administration Concepts
- Virtualisation and Cloud Computing
- Managing Server Assets
- Configuring servers and server OS
- Storage, backup, and recovery
- Server security

**Rauemi | Resources**

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

**Pārongo Whakaū Kounga | Quality assurance information**

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

<b>Hātepe   Process</b>	<b>Putanga   Version</b>	<b>Rā whakaputa   Review Date</b>	<b>Rā whakamutunga mō te aromatawai   Last date for assessment</b>
<b>Rēhitatanga   Registration</b>	<type here>	[dd mm yyyy]	[dd mm yyyy]
<b>Arotakenga   Review</b>	<type here>	[dd mm yyyy]	[dd mm yyyy]

<b>Kōrero whakakapinga  </b> Replacement information	<type here>
<b>Rā arotake  </b> Planned review date	[dd mm yyyy]

Please contact Toi Mai Workforce Development Council at [qualifications@toimai.nz](mailto:qualifications@toimai.nz) to suggest changes to the content of this skill standard.

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