

**Aces Centre** **ICAS5192B**  
**Configure an internet gateway**

- Elements
  - Confirm client requirements and network equipment
  - Review security issues
  - Install and configure gateway products and equipment
  - Configure and test node

**Aces Centre** **Element 1: Confirm client requirements and network equipment**

- Performance Criteria
  - Confirm and validate *client* requirements
  - Determine scope of internet services with reference to *client* requirements
  - Identify and install components, both *hardware* and *software*
  - Verify equipment specifications and availability of components

**Aces Centre** **Element 2: Review security issues**

- Performance Criteria
  - Assess security features of internet gateways with reference to *architecture* and *security plan*
  - Review security measures with the internet *service provider* (ISP) with reference to *firewalls* and other measures as required
  - Brief *users* on the *security plan* with reference to internet use and hazard possibilities

**Aces Centre** **Element 3: Install and configure gateway products and equipment**

- Performance Criteria
  - Identify and select installation and configuration options
  - Install and configure gateway products and equipment as required by technical guidelines
  - Plan and execute tests with reference to *client* requirements and *network* impact
  - Analyse error reports and make changes as required

**Aces Centre** **Element 4: Configure and test node**

- Performance Criteria
  - Assign node to specific gateway as required by network *architecture* and *client* requirements
  - Determine *connection type* and configure with reference to *network architecture* and *client* requirements
  - Ensure node *software* and/or *hardware* is configured as required according to vendor specifications and *client* requirements

**Aces Centre** **Configure an internet gateway**

- Knowledge
  - Features and functions of network gateways; network architecture, including switches, routers, hubs, bridges as required; network operating systems and desktop operating systems
  - Gateway software (e.g. Cisco IpeXchange, Postoffices, Lotus Notes)
  - Domain name server (DNS) resolution
  - Current browser software (e.g. MS Explorer, Netscape Navigator, Mozilla, Konqueror, Opera)

● Skills

- Installation and configuration of computer hardware and software
- Use of proprietary software
- Business analysis skills
- Communicating with clients