



QCloud

Queensland government on-premises private cloud, compute infrastructure

QCloud is Queensland Government's private on-premises cloud service providing your compute needs. Virtual servers can be run on VMware, Azure or Oracle platforms of your choice.

QCloud is securely hosted on-premises in two geographically diverse locations. There are no storage I/O costs or network I/O costs within the Queensland Government network, making it easier to anticipate your monthly data costs.

The self-service QCloud web interface ensures a high degree of control over your environment.

Benefits

- Flexible and simple billing options.
- Scale up and down as required
- No storage I/O or network I/O costs on QG network
- Assists with business continuity planning
- Lower business risk - hosted and supported within Queensland Government
- Housed in QG managed data centres 42km apart
- High availability, low latency (2ms) and rigid security
- Suitable for highly protected, X-in-confidence and unclassified data
- Use of Oracle platform supports more effective Oracle product licencing

Prerequisites

Connectivity through QGN data connections.

Features

- Provision of NSX networking, NSX security edge appliances and load balancers (NSX is VMware's cross-cloud networking product)
- Windows server licencing included
- Windows SCCM licencing included
- Ability to scale up and down to meet business requirements

Variants

- QCloud compute options
 - ▶ On Demand – Pay-as-you-go compute, charged hourly and billed monthly
 - ▶ Committed – 100% memory reservation, billed monthly
 - ▶ Dedicated – Private cloud on dedicated hardware, billed monthly
- QCloud private cloud platforms
 - ▶ VMware vCloud Director
 - ▶ Microsoft Azure Pack on-premises
 - ▶ Oracle VM (OVM)
- QCloud private cloud physical layers
 - ▶ X86 and Itanium
 - ▶ T8 (Oracle Sparc)
 - ▶ Power 9 (IBM)

Metrics

Availability: 24 x 7 x 365 at 99.99%

Incident response: Self-managed or per agreement

Requests: Monday to Friday 8am to 6pm

Fulfilment¹:

- ▶ New service - 2 work days
- ▶ Change to existing service - 2 hours

¹subject to conditions

Reporting

Reporting on consumption and performance is available depending on the support level agreed upon.

Additional and related services

- QGN data connections
 - ▶ QGN Ethernet (QGNE)
 - ▶ QG Regional Network (QGRN)
 - ▶ QG Data Centre Network (QG DCN)
 - ▶ QGN Cloud Connect
 - ▶ QG Internet Service Provider (QGISP)
- Data storage
- Data protection
- Cyber security (recommended)

Options

- ➔ Self-managed or CITEC managed
- ➔ Infrastructure management services
- ➔ MS server dedicated blade
- ➔ Unix Solaris/Linux - SolRu ongoing
- ➔ MS dedicated environment
- ➔ MS server management - dedicated blade
- ➔ SSL certificates

Ordering

Please contact your CITEC representative

☎ 07 3222 2555 ✉ service@citec.com.au