



Mainframe

Throughput, security, highly reliable

Hosted with IBM's System Z mainframe hardware, we offer a large-scale consolidation system that thrives under heavy workloads. It brings together over 40 years of development and expertise in virtualisation, workload management and huge I/O throughput. It is highly secure, excelling at user identification, authorisation, access control and encryption.

We offer very high levels of service reliability, availability and serviceability (RAS). RAS provides production systems with highly redundant processing power for critical transaction processing environments.

Full operations and production control monitoring is supplied 24x7, equipped with automated problem determination to ensure early alerts and a rapid response to any system issues.

Workloads can include:

- SAP
- DB2, MQ, CICS
- Web hosting, WAS
- Analytics, Business Intelligence
- Oracle on Linux (potential savings)
- Linux and z/VM - self-managed or managed as a service
- Linux - stand alone, cloud or hybrid cloud

Benefits

- Reliability, availability and serviceability (RAS)
- Highly secure for sensitive work
- Continuous system monitoring and health checks
- Incident rectification
- Non-disruptive maintenance activities

- Infrastructure capacity management
- Continually tuned
- Regular hardware and software refreshes to support products
- Always on or near the latest software levels
- Production and DR systems for minimal downtime
- Guaranteed lead times to standard requests
- Six monthly DR test events

Prerequisites

Connectivity - your network connected directly via QGN data connections.

Features

- Hosted on IBM's proven zEnterprise Mainframe delivering industry leading capabilities
- Scalable and highly secure
- Hitachi Data Systems ultra-reliable Virtual Storage Platform (VSP) for mainframe storage and improved business outcomes
- Enormous processing power/compute capacity
- Brocade FICON / FC switches for accelerated data access and cross site encryption
- Highly experienced, industry renowned team of specialists
- Fully redundant with encrypted replication over diverse routes between data centres
- Encrypted at rest storage

Variants

- z/OS for high performance transaction processing
- z/VM for hosting Linux instances

Metrics

Availability: 24 x 7 x 365 at 99.95%

Incident response: 24 x 7

Requests: Monday to Friday 8am to 6pm

Fulfilment: Subject to agreement

Reporting

Standard performance reports are produced daily, weekly and monthly.

Reports reveal standard and non-standard trends across a number of areas appropriate for mainframe analysis.

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)
- Cyber security (recommended)

Options

- ➔ As per agreement

Ordering

Please contact your CITEC representative

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