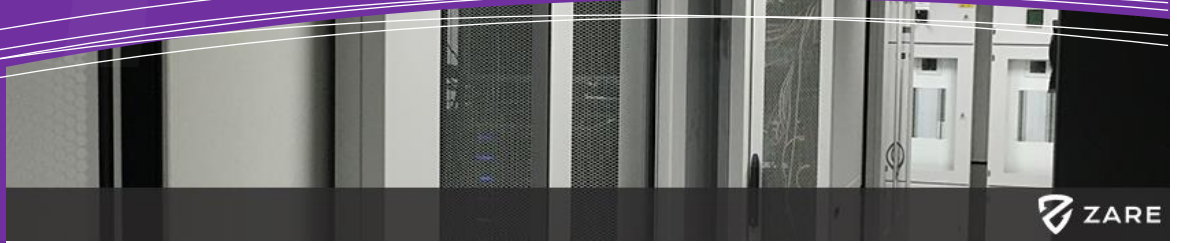


ZARE



Introduction:

Zare is a UK based IT infrastructure provider that has seen massive growth over the last two years, working it's way up to becoming one of the UK's leading providers in dedicated servers and unmanaged systems. This growth has helped us pave the way for a more robust and reliable network, with improvements and upgrades being made to all systems across our network.

Location:

Nestled in the heart of the London Docklands, our City Reach data centre offers customers several different services to facilitate both the needs of small and large enterprises. With 23,000 square feet of data hall space at our fingertips in a Tier 2/3 aligned facility we are able to accomodate the needs of the majority of businesses.

Our facilities have been designed with redundancy in mind, including network, power and cooling.

Core Location

Overview

- Located in London Docklands in Tutis point (Docklands Data Centre Limited)
- 24 x 7 onsite security, NOC and access.
- A + B Power feeds as standard to all racks
- Carrier neutral facility

Power

- 2 x 1.5MVA Generators (N + 1) on standby with 96 hours of fuel on site
- 98% Efficient UPS system using flywheel technology (N + 1)

Cooling

- Cold aisle containment systems
- N + 1 cooling system (Minimum)

Safety

- FM200 fire suppression system
- VESDA smoke detection system.

Certifications

- ISO 9001
- ISO 27001

Corero Smartwall Protection

Overview:

- Provides protection from attacks up to 100Gbps or 120 Mpps
- Custom flood filters

Provides:

- Free and unlimited edge ACL's
- Customisable protection
- IP blacklisting
- Port address range filters
- Programmable filters to address volumetric, reflective and payload specific attacks
- Heuristics based engine using behavioral analysis

Protects Against:

- Volumetric DDoS attacks
- Reflective DDoS attacks
- Resource Exhaustion DDoS attacks
- Command and Control Operations

Network

Key Points of Presence

- Telehouse North
- Equinix LD8
- City Reach (DDCL)
- Evoswitch (Amsterdam)

Redundancies

- MPLS TE Core network
- Fed from 2 separate QFX5100's for every ToR switch
- Dedicated IPMI/iKVM + on-demand Lantronix KVM
- Virtual chassis Juniper QFX stack for distribution
- City Reach features 2x Juniper MX960's with redundant routing engines and a N+N line card configuration

IPv4/IPv6 Peering (AS25369)

Global Transits:

- Telia (Minimum 30Gbps)
- Cogent (Minimum 50Gbps)
- NTT (Minimum 10Gbps)
- Tinet / GTT (Minimum 10Gbps)

Private Peering:

- Online.net (Minimum 10Gbps)
- Gamma Telecom (Minimum 1Gbps)
- SSE (Minimum 10Gbps)
- Vodafone (Minimum 10Gbps)

Public Peering:

- LINX (Minimum 100GBE)
- AMS-IX (Minimum 10GBE)
- LoNAP (Minimum 10GBE)

