









# Equinix LD8

London, United Kingdom

# HARBOUR EXCHANGE

6/7/8/9 Harbour Exchange Square, Limeharbour, London, E14 9GE

Zare is an IT Infrastructure Provider based in the UK offering affordable bare metal servers, colocation and IT transit services from numerous world-class datacentres throughout Europe. We operate a reliable and ever-expanding low-latency network featuring powerful inline Corero DDoS Mitigation hardware, allowing us to deliver robust services to businesses of all sizes.

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## Services

We have a range of premium yet affordable services available at this location.

-  IP Transit
-  Waves
-  Remote DDoS Protection
-  Direct DDoS Protection

## Overview

Equinix's highly accredited LD8 International Business Exchange™ facility is situated in the heart of the London Docklands and offers exceptional connectivity with more than 195 service providers available and direct connection options to LoNAP, LINX and Equinix IX. With a high average uptime track record of >99.999% globally, Equinix is a reliable choice for mission-critical infrastructure, and allows us to confidently offer a wide array of network services from this location, including DDoS protection, transit and waves.

 <b>Power</b>	N+1 Diesel Generators (3000kVA) N+1 UPS Systems N+1 Cooling (12x DAC Units) 72 Hours On-Site Fuel Storage 1.5 kVA Max Rack Power Allocation	 <b>Certifications</b>	PCI DSS Compliant SOC 1 Type II SOC 2 Type II ISO9001 Accredited Facility ISO14001 Accredited Facility ISO22301 Accredited Facility ISO27001 Accredited Facility ISO45001 Accredited Facility ISO50001 Accredited Facility
 <b>Security</b>	24/7 Remote CCTV Monitoring 24/7 On-Site Security Personnel Biometric Authentication Systems Keycard Access Control and Logs Anti-tailgate Barriers		
 <b>Safety</b>	High-Sensitivity Smoke Detection Hi Fog (Double-Knock Activation) On-Site Emergency Response Team		

## Network

**IPv4 Addresses**  
53,000+



**Total Capacity**  
1.5Tbps



**Peak Throughput**  
450Gbps



We operate a low-latency, geographically redundant BGP network that spans Europe, providing scalability and resiliency, safeguarding customer service levels with high availability and offering high-quality transit through multiple Tier 1 carriers and diverse peering. This facility features **Juniper MX960** routers at the network edge that utilise redundant routing engines and an N+N line card configuration, supported by a core built with a mix of Juniper EX4200 and QFX5100 switches in virtual chassis' and high-capacity redundant uplinks from each switch to the edge.



### Private Peering

BT (100Gbps)	Hetzner (100Gbps)
Sky (100Gbps)	Online.NET (10Gbps)
Virgin Media (100Gbps)	Google (100Gbps)
TalkTalk (20Gbps)	Worldstream (20Gbps)
CDN77 (100Gbps)	



### Public Peering

LINX (100Gbps)	AMS-IX (20Gbps)
LINX Scotland (10Gbps)	FRANCE-IX (100Gbps)
LoNAP (100Gbps)	SWISS-IX (10Gbps)
Equinix IX (20Gbps)	DE-CIX (20Gbps)
NL-IX (10Gbps)	



### Global Transit

Telia (180Gbps)

Cogent (180Gbps)

GTT (70Gbps)

NTT (30Gbps)

## DDoS Protection

Our custom DDoS protection solution combines state-of-the-art Corero SmartWall DDoS Mitigation appliances deployed across our network edge with powerful, meticulously refined sets of custom flood filters. Configurable on a per-IP basis through the Zare Manager, our in-house firewall allows for precise adjustments to guarantee the best possible protection for your services to help combat digital threats.



### Customisation

Smart Rules - Heuristics-Based Engine Utilising Traffic Behavioral Analysis  
Flex-Rules - Programmable Filters to Target Volumetric, Reflective and Payload Specific Attacks  
Rate Limiting Policies  
IP Address, Country and AS Number Block/Allow Lists  
TCP/UDP Port Range Filters



**BPS Filtering Capacity**  
160Gbps



**PPS Filtering Capacity**  
240 Million Packets / Second



Volumetric Attacks



Reflective Attacks



Resource Exhaustion Attacks

