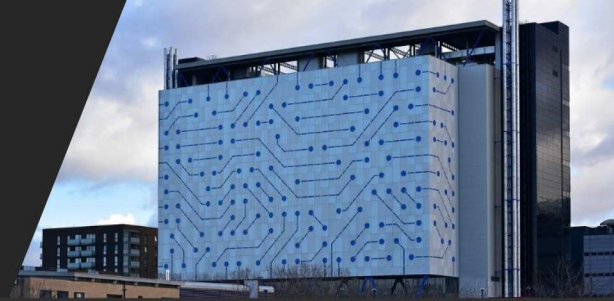




# Telehouse North 2

London, United Kingdom



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

Telehouse East, Coriander Avenue, London, E14 2AA

## Overview

Telehouse North 2 is a relatively modern facility, opened in 2016, and is the latest addition to Telehouse's iconic London Docklands Campus. The home of LINX (the London Internet Exchange), this connectivity superhub hosts contains more than 800 carriers, ISPs and ASPs on-site; supplemented with high power density power available, this stunning facility is recognised as being Europe's most advanced data centre. Our range of transit, wave and DDoS protection services are available from this PoP.

<b>Power</b>	N+1 Diesel Generators (8 Total) N+1 Static UPS Systems N+2 Air Chiller Units 72 Hours On-Site Fuel Storage A+B Redundant Power Feeds @ 3kW+	<b>Certifications</b>	PCI DSS Compliant ISO9001 Accredited Facility ISO14001 Accredited Facility ISO22301 Accredited Facility ISO27001 Accredited Facility ISO45001 Accredited Facility ISO50001 Accredited Facility
<b>Security</b>	24/7 CCTV Monitoring 24/7 On-Site Security Personnel 24/7 Environment Monitoring Keycard & Biometric Access Control Perimeter Fences Alarmed & PIR Detection		
<b>Safety</b>	VESDA Smoke Detection System Dry Sprinkler Fire Suppression Agent ASHRAE Room Design		

## 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.






<b>Private Peering</b>	<b>Public Peering</b>
<b>BT</b> (100Gbps) <b>Sky</b> (100Gbps) <b>Virgin Media</b> (100Gbps) <b>TalkTalk</b> (20Gbps) <b>CDN77</b> (100Gbps)	<b>LINX</b> (100Gbps) <b>LINX Scotland</b> (10Gbps) <b>LoNAP</b> (100Gbps) <b>Equinix IX</b> (20Gbps) <b>NL-IX</b> (10Gbps)
<b>Hetzner</b> (100Gbps) <b>Online.NET</b> (10Gbps) <b>Google</b> (100Gbps) <b>Worldstream</b> (20Gbps)	<b>AMS-IX</b> (20Gbps) <b>FRANCE-IX</b> (100Gbps) <b>SWISS-IX</b> (10Gbps) <b>DE-CIX</b> (20Gbps)

<b>Global Transit</b>	<b>Telia</b> (180Gbps)	<b>Cogent</b> (180Gbps)	<b>GTT</b> (70Gbps)	<b>NTT</b> (30Gbps)
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## 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.

<b>Customisation</b>	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
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 <b>BPS Filtering Capacity</b> 160Gbps	 <b>PPS Filtering Capacity</b> 240 Million Packets / Second	
 Volumetric Attacks	 Reflective Attacks	 Resource Exhaustion Attacks

