

One Port, Unlimited Possibilities

Microsoft Azure ExpressRoute

Why us?

Our software-based technology allows us to integrate with both AWS public and private interfaces providing you the access and the ability to scale your connections in tandem with your web services. Reduce your AWS egress costs, increase your throughput and increase your network consistency.

Our services have no lock in contracts, no minimum bandwidth requirements and allow you to scale in real time from 1 Mbps – 10 Gbps.

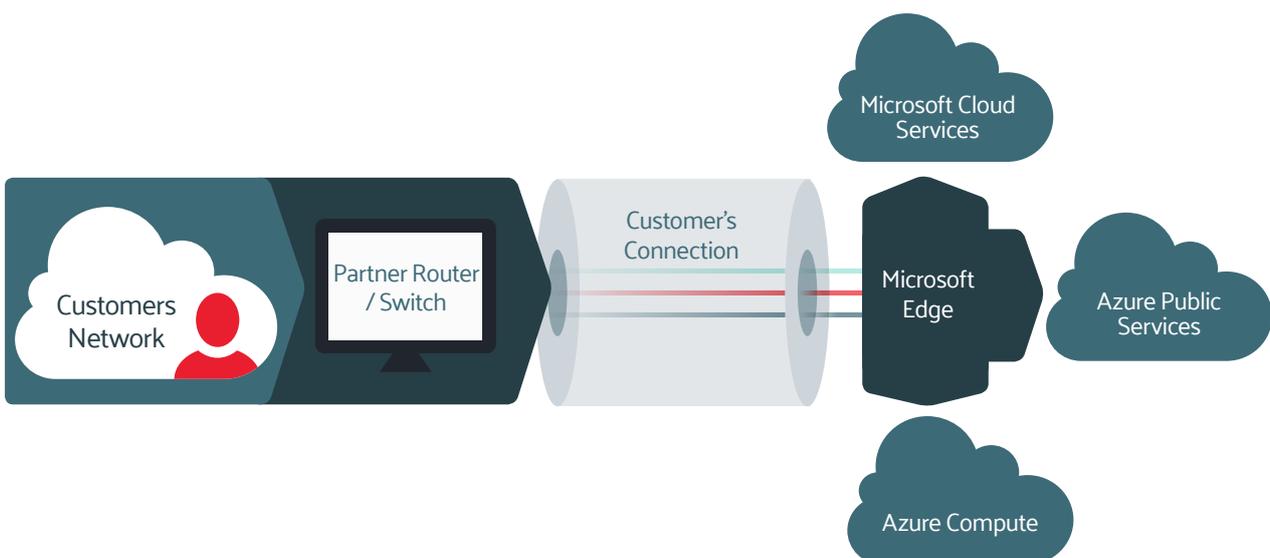
How we get you there

A Megaport is provided at an interface speed of **1 or 10 Gigabits per second**. These are configured as 802.1Q VLAN trunks to support multiple services on a single port.

To establish your Azure ExpressRoute you request connectivity from Microsoft using Megaport as the exchange provider (EXP). You'll be presented with a service key (s-key) in response to the request. Microsoft provides bandwidth speeds of 200, 500, 1Gbps and 10 Gbps.

Using your service key you can order a Megaport VXC and finalise configuring your private connection to Azure. The VXC can be set at any speed ranging from 1 mbps up to the port speed of the Megaport.

VXCs are a point to point Ethernet pseudo-wire presented as a VLAN between your Megaport (A end) to Azure ExpressRoute (B End). 1 x VXC to Azure will allow you to connect to the Azure public services and up to 10 private virtual networks (Vnets).



Redundancy

When you order Azure ExpressRoute you are provided a pair of diverse connections as standard offering. Megaport gives you the choice to connect one or both. If you only require one, then simply order one VXC. If you find you require redundancy you can always order another at anytime. By ordering a diverse or redundant VXC will enable bursting up to 2 x times bandwidth on Microsofts end.

Optimising connectivity costs to cloud services

Our services are aligned with the cloud compute model, offering Microsoft Azure customers the flexibility to order connectivity with your cloud services. Our pay-as-you-go model gives you the option to order services on the fly for a day, month, week or year.

Reduce your data outbound transfer Costs

By transferring data to and from Azure directly, you can save your bandwidth commitment with your Internet Service Provider. Data transfer rates are charged far lower via Megaport than the public Internet.

FAQ's

1. Will I be charged Azure ExpressRoute Exchange provider port speed fees on top of my Megaport service?

Yes, this is charged by Microsoft directly.

2. Are the connections provided as protected or unprotected?

Protected guaranteeing automatic failover.

3. Where is Microsoft Azure ExpressRoute currently presented?

Sydney and Melbourne, however you can connect from any Megaport enabled data centre. You can view our enabled DC's https://megaport.com/about/megaport_enabled_locations

4. Where do we originate the Azure ExpressRoute connection from?

First step up the ExpressRoute connection and retain the service key to enter into the VXC ordering page.

5. How do I setup routing between my network and Azure?

You will need to establish a BGP connection between your router and Microsoft.