



NORTH AMERICA

# Azure ExpressRoute Egress Guide

Get connected to Microsoft Azure and save on data transfer with Megaport.



# Transfer your data into great savings.

Transferring data from your on-premise environments to Microsoft Azure ExpressRoute ('inbound' or 'ingress') is free for both public internet connections and Azure ExpressRoute. In contrast, the data transfer fees for pulling data out of Azure ('outbound' or 'egress') vary depending on whether you are utilizing the public internet or using Azure ExpressRoute. Major public cloud providers, including Azure, often financially incentivize customers to adopt private interconnection by reducing the 'outbound' charges associated with public Internet.

The cost of egress data sent over the public internet is based on volume. In North America, the egress fee is \$0.09/GB/Hour of data transferred. These egress fees are in addition to fees paid to your Internet Service Provider.

The cost of egress data sent over Azure ExpressRoute is also volume based. In this scenario, the fee in North America is \$0.025/GB/Hour of data transferred. These outbound data transfer fees are in addition to the monthly port fees for Azure ExpressRoute.

You can benefit from reducing your data transfer charges by bringing Megaport, an approved Connectivity Provider partner, into the equation.

The following are monthly port charges assessed by Microsoft Azure for Express Route:

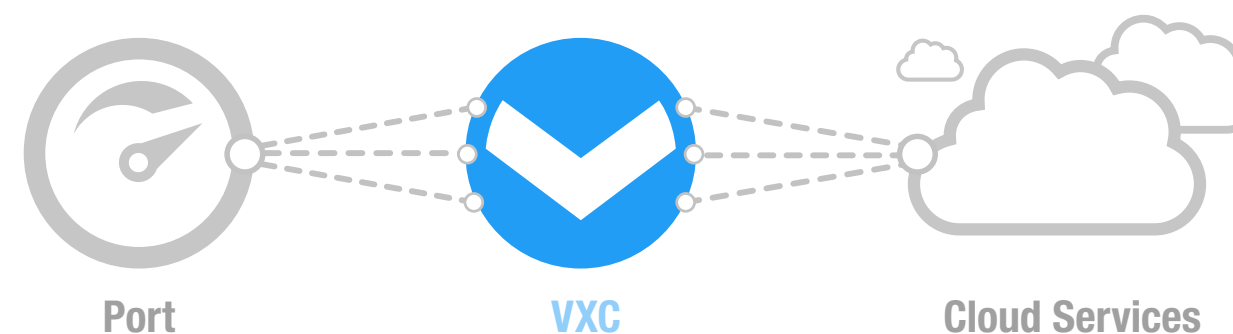
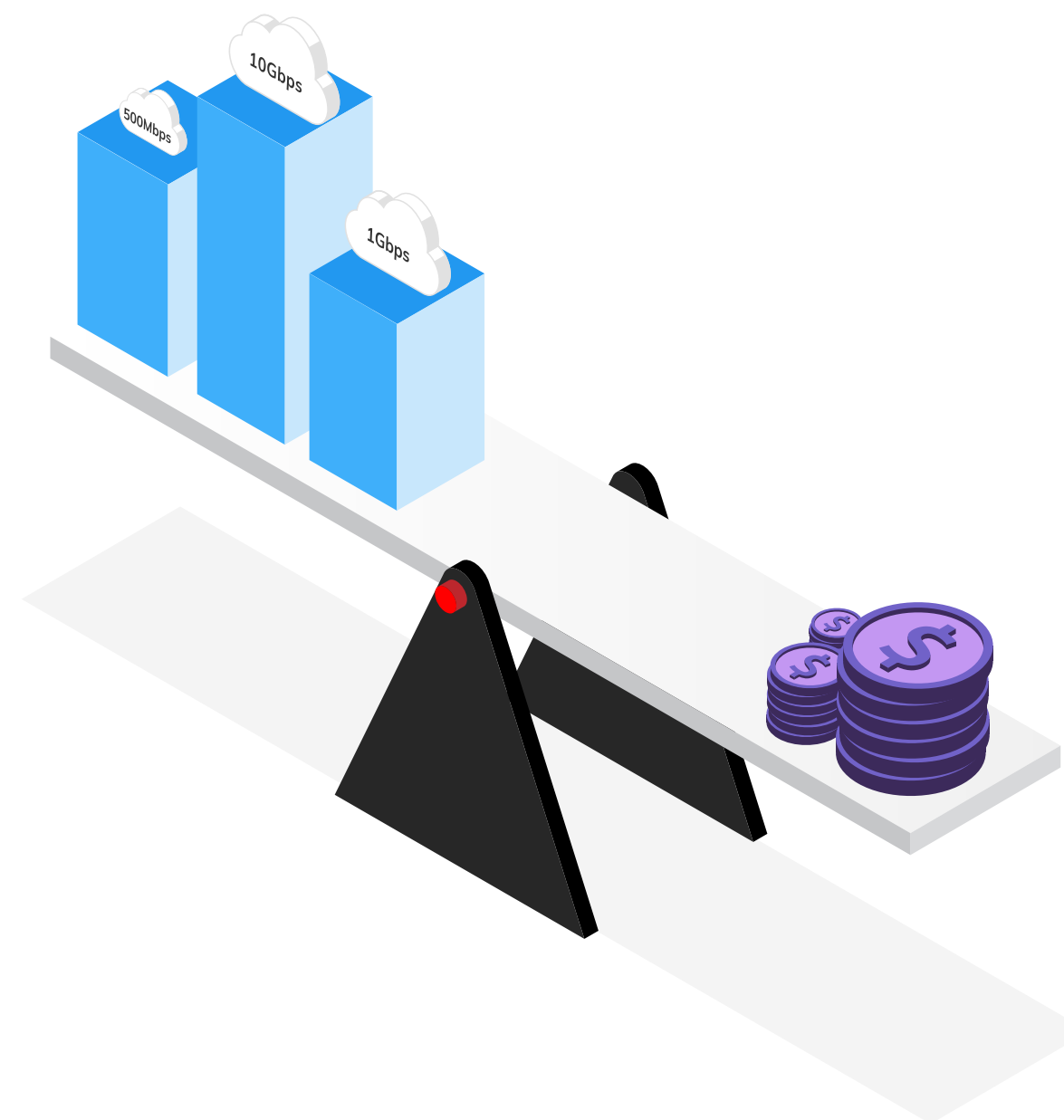
## ExpressRoute Monthly Port Speed Charges

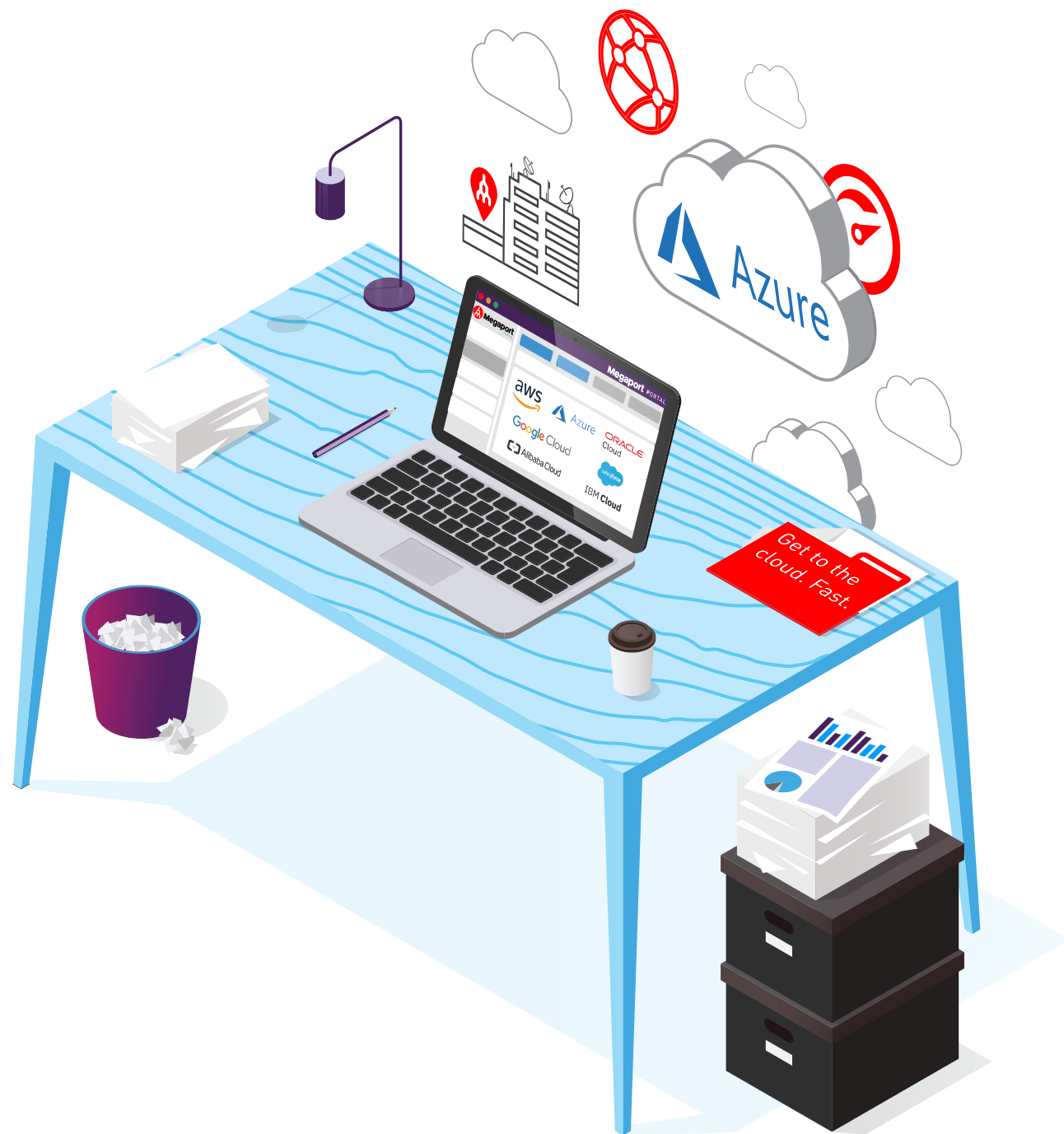
Azure Metered*			Azure Unlimited*		
Port Speed	Price Per Month (US)	Price Per Month (CAN)	Port Speed	Price Per Month (US)	Price Per Month (CAN)
50 Mbps	\$55	\$66.88	50 Mbps	\$300	\$364.77
100 Mbps	\$110	\$133.75	100 Mbps	\$575	\$699.15
200 Mbps	\$145	\$176.31	200 Mbps	\$1,150	\$1,398.29
500 Mbps	\$290	\$352.62	500 Mbps	\$2,750	\$3,343.73
1 Gbps	\$436	\$530.14	1 Gbps	\$5,700	\$6,930.63
2 Gbps	\$872	\$1,060.27	2 Gbps	\$11,400	\$13,861.26
5 Gbps	\$2,180	\$2,650.67	5 Gbps	\$25,650	\$31,187.84
10 Gbps	\$5,000	\$4,134.06	10 Gbps	\$51,300	\$62,375.67

\*Pricing is subject to Microsoft Azure ExpressRoute Pricing, subject to change. [Visit here for current pricing.](#)

## On-Demand Connectivity

In addition to cost savings, customers can also benefit from Megaport's 'one-to-many' approach to VXC's (Virtual Cross Connects). VXC's are Layer 2 VLANs for interconnection to cloud services, including, but not limited to, Azure ExpressRoute. In the traditional scenario, you would order a static private line from a carrier each time you need access to a new region, environment, or cloud provider. With Megaport, it's as simple as ordering another VXC from your existing access port. The VXC can be ready in a matter of minutes –not days, weeks, or months – and is easily scaled to meet your business needs.





## Why Megaport?

Megaport is an Azure Connectivity Partner enabling fast, scalable, and easy access to Azure Cloud with Azure ExpressRoute. Our global Network spans hundreds of locations across North America, Asia Pacific, and Europe, giving you direct connectivity into the Azure Cloud Regions needed to operate and scale your business. Through a single Megaport connection, you can gain the benefits of Azure ExpressRoute pricing, along with the advantages of our SDN solution.

Azure ExpressRoute (Metered Data Plan)								
Bandwidth	MP Cost USD	Azure Port Metered USD	Max TB	ER Meter USD Egress Fees	Megaport TCO	Internet USD	Save: Internet vs Meter USD	% Internet vs. Meter
50	\$550.00	\$55.00	16	\$464.60	\$1,069.60	\$1,400.40	\$330.80	23.62%
100	\$550.00	\$110.00	33	\$954.80	\$1,614.80	\$2,845.26	\$1,230.46	43.25%
200	\$550.00	\$145.00	66	\$1,834.60	\$2,529.60	\$5,437.01	\$2,907.41	53.47%
500	\$550.00	\$290.00	164	\$4,488.40	\$5,328.40	\$12,174.93	\$6,846.53	56.23%
1G	\$700.00	\$436.00	328	\$8,832.80	\$9,968.80	\$20,571.73	\$10,602.93	51.54%
10G	\$1,400.00	\$5,000.00	3285	\$17,800.00	\$24,200.00	\$277,319.70	\$253,119.70	91.27%

Azure ExpressRoute (Unlimited Data Plan)								
Bandwidth	MP Cost USD	Azure Port Unlimited USD	Max TB	ER Unlimited USD Egress Fees	Megaport TCO	Internet USD	Save: Internet vs Unlimited USD	% Internet vs. Unlimited
50	\$550.00	\$300.00	16	\$0.00	\$850.00	\$1,400.40	\$550.40	39.30%
100	\$550.00	\$575.00	33	\$0.00	\$1,125.00	\$2,845.26	\$1,720.26	60.46%
200	\$550.00	\$1,150.00	66	\$0.00	\$1,700.00	\$5,437.01	\$3,737.01	68.73%
500	\$550.00	\$2,750.00	164	\$0.00	\$3,300.00	\$12,174.93	\$8,874.93	72.90%
1G	\$700.00	\$5,700.00	328	\$0.00	\$6,400.00	\$20,571.73	\$14,171.73	68.89%
10G	\$1,400.00	\$51,300.00	3285	\$0.00	\$52,700.00	\$277,319.70	\$224,619.70	81.00%

### Assumptions

- Megaport TCO includes 1x Megaport + 2x VXC's for both primary and secondary: supports Microsoft's SLA
- Both Metered and Unlimited price scenario tables are based on USD pricing, Canada currency will follow the same model costs for savings. Please contact a Megaport account team for estimates.
- Azure Port Metered USD = Metered Data Plan
- Azure Port Unlimited USD = Unlimited Data Plan
- All calculations are based for United States utilizing the full bandwidth indicated on a monthly basis.

### Megaport Key Service Features



Multicloud Ecosystem



Secure and Private Connectivity



Global Network Reach



Connectivity to Multiple Cloud Regions

For potential savings to other Azure Regions, including global virtual routing with Megaport Cloud Router, please email us for more details. Azure ExpressRoute Pricing from <https://azure.microsoft.com/en-au/pricing/calculator/?service=expressroute>

No two cloud deployments are alike so let us help you with a custom analysis today. Visit <https://www.megaport.com/contact/> to get in touch.

## We make connectivity easy.

Megaport is the highly scaled Network as a Service (NaaS) organisation utilising 100 Gbps technology to deliver dedicated access to cloud services. The Company's Software Defined Network (SDN) enables the interconnection of enterprises and service providers across hundreds of data centre locations around the globe. Fast, flexible, and dynamic, Megaport's connectivity solution is transforming the way businesses reach leading cloud services from Microsoft, Google, Oracle, Amazon Web Services, IBM, Salesforce, and Alibaba.

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