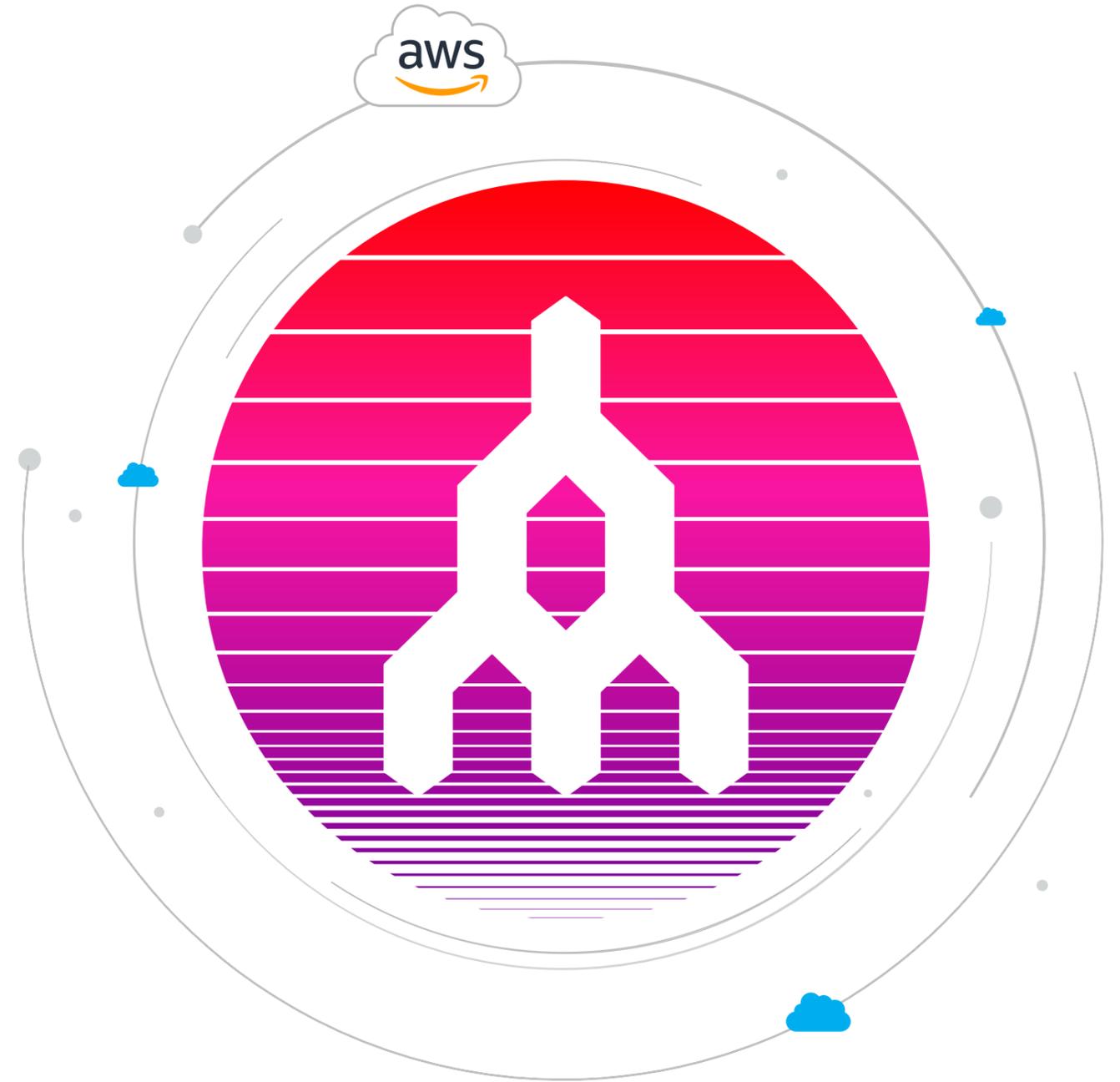# AWS Direct Connect Egress Guide

Get connected to AWS Cloud and save on data transfer with Megaport.

aws

Save on data transfer with private connectivity.

Transferring data from your on-premise environments to AWS ('inbound' or 'ingress') is free for both public internet connections and AWS Direct Connect. In contrast, the data transfer fees for pulling data out of AWS ('outbound' or 'egress') vary depending on whether you are utilizing the public internet or using AWS Direct Connect. Major public cloud providers, including AWS, 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 AWS Direct Connect is also volume based. In this scenario, the fee in North America is $0.02/GB/Hour of data transferred. These outbound data transfer fees are in addition to the hourly port fees for AWS Direct Connect.

You can benefit from reducing your data transfer charges by bringing Megaport, an approved AWS APN (Amazon Partner Network) partner, into the equation.

The following are monthly port charges assessed by AWS for Direct Connect (assuming 720 hours in a month):

1 GBPS @ $0.30/HR: $216   **10 GBPS @ $2.25/HR: $1,620**

On-Demand Connectivity

In addition to cost savings, customers can also benefit from Megaport's 'one-to-many' approach to VXCs (Virtual Cross Connects). VXCs are Layer 2 VLANs for interconnection to cloud services, including, but not limited to, AWS Direct Connect. 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.

Port   **VXC**   **Cloud Services**
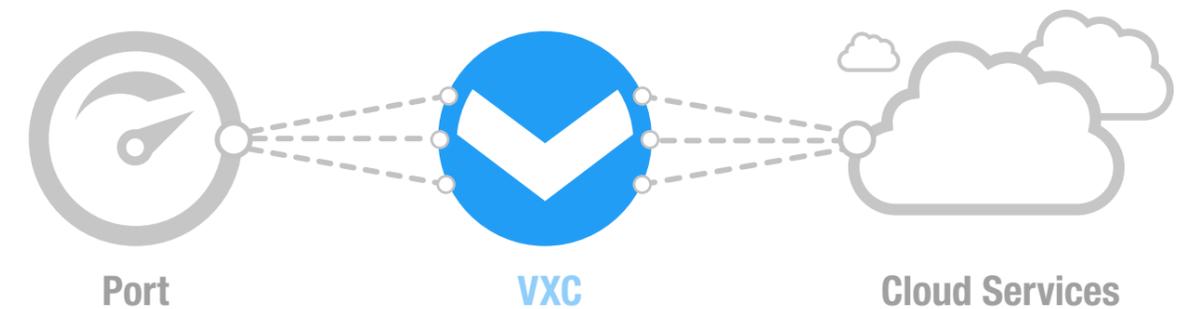
Why Megaport?

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

AWS Direct Connect				
Bandwidth	Max TB/ Month	Megaport TCO	Internet	Savings Internet vs. Megaport AWS Direct Connect
50 Mbps	16	$800.00	$1,828.30	56.24%
100 Mbps	33	$1,170.00	$3,455.95	66.15%
200 Mbps	66	$1,890.00	$6,345.17	70.21%
500 Mbps	164	$4,028.00	$13,681.69	70.56%
1 Gbps	328	$7,387.00	$22,666.27	67.41%
10 Gbps	3285	$69,624.00	$182,816.53	61.92%

Assumptions

– Megaport TCO includes 1x Megaport + 1x VXC at stated bandwidth within a metro market.
– Megaport absorbs AWS's port rate/hour fees; these are $0 monthly.
– Internet is calculated from AWS's Simple Monthly Calculator as Amazon EC2 Service.
– All calculations are for United States based on utilizing the full bandwidth indicated on a monthly basis.
– Canada data transfer charges are the same as the United States, please contact Megaport's account team for further Canada price estimates.

Megaport Key Service Features

Multicloud Ecosystem

**Secure and Private Connectivity**

Global Network Reach

Connectivity to Multiple Cloud Regions

For potential savings to other AWS Regions, including global virtual routing with Megaport Cloud Router, please email us for more details. AWS Direct Connect pricing from https://aws.amazon.com/directconnect/pricing/

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.
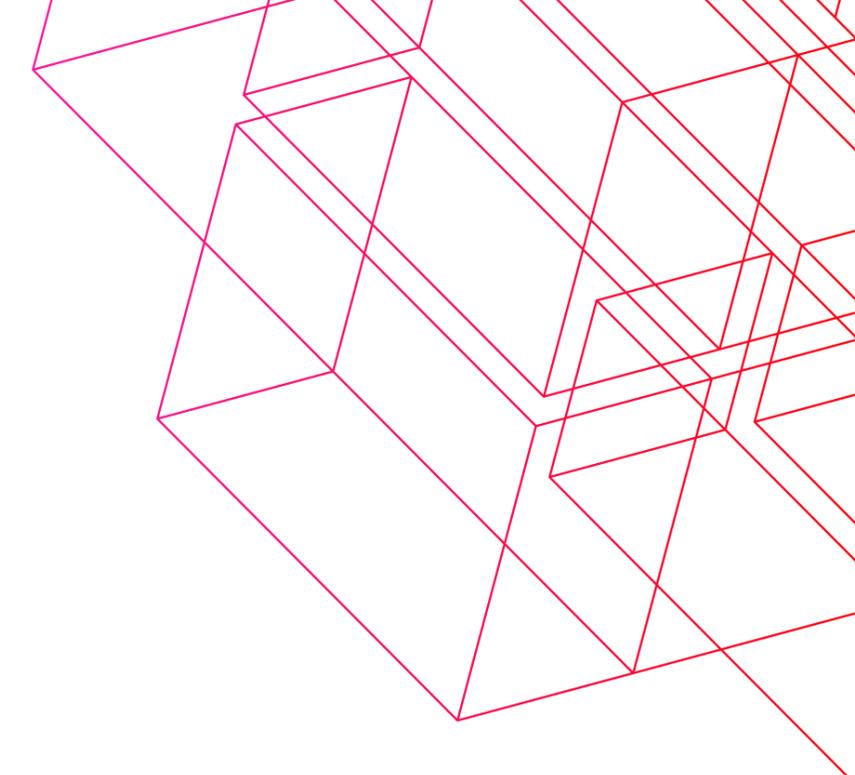
We make connectivity easy.

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.

Megaport

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