



AMAZON WEB SERVICES DIRECT CONNECT

ACCESS AWS THROUGH DIRECT, PRIVATE CONNECTIONS IN EQUINIX DATA CENTERS



Plug into AWS inside Equinix to improve performance, reduce costs, increase security and leverage cloud computing for more applications

Features & Benefits Summary

- Flexible bandwidth options
- Reduced costs
- Leverage cloud services for more applications
- Consistent network performance
- Compatible with all AWS services
- Private connectivity to Amazon VPC
- Highly scalable

Your On-ramp to the Cloud

AWS Direct Connect enables companies to connect their IT infrastructure directly to Amazon Web Services (AWS), establishing private network connections that bypass the public Internet.

With AWS Direct Connect, you can treat AWS instances as part of your data center LAN, allowing full integration between cloud services and your most demanding internal applications. By bypassing the public Internet, you can improve performance, reduce costs, increase security and leverage cloud computing for more applications.

AWS Direct Connect services are currently offered in 13 metros areas globally—Amsterdam, Chicago, Dallas, Frankfurt, London (EU West-Ireland and EU West-London), Los Angeles, Osaka, Seattle, Silicon Valley, Singapore, Sydney, Tokyo, Washington, D.C./Northern Virginia—covering more markets than any other data center provider. AWS GovCloud is available in all U.S. AWS Direct Connect locations.

Equinix Customers Can Choose Multiple Connection Speeds

AWS Direct Connect makes it easy to establish a private, dedicated network connection between your Equinix IBX data center deployment and AWS.

- Cross connects provide either 1- or 10-gigabits-per-second connections
- Virtual Connections (VCs) via the Equinix Ethernet Exchange provide a flexible range of speeds (50, 100, 200, 300, 400 and 500 megabits per second)

AWS Direct Connect uses industry-standard 802.1q VLANs to partition the dedicated connection to AWS into multiple virtual connections. These virtual connections can either connect to public resources – such as objects stored in Amazon S3 using public IP address space – or private resources – such as Amazon EC2 instances running within an Amazon Virtual Private Cloud (VPC). These virtual connections can be easily reconfigured at any time to meet changing needs.

The Power of Two Leading Platforms

Amazon Web Services is the best-known and most trusted cloud service, providing a highly reliable, scalable and low-cost infrastructure platform that powers hundreds of thousands of businesses in 190 countries around the world.

Platform Equinix's state-of-the-art IBX® data centers, global footprint and business ecosystems enable companies to accelerate growth, reduce IT infrastructure costs and locate IT assets and applications closer to users and service providers to improve the overall user experience.



EQUINIX

WHERE OPPORTUNITY CONNECTS

[Equinix.com](https://www.equinix.com)

Reduced Cost, Improved Performance and Privacy

Flexible Connectivity Options – Choose from multiple connection options (sub-1G, 1G and 10G). Sub-1G connections offer the ability to burst up to two times the committed rate at no additional cost, enabling customers with “bursty” workloads, such as backups, to benefit from higher performance when their bandwidth needs spike, and reduced connection costs when bandwidth requirements are low.

Reduced Cost – Reduce network costs for bandwidth-heavy workloads into and out of AWS by lowering bandwidth commitments to Internet service providers. Also, customers can achieve sizeable savings on AWS Direct Connect data transfer rates. (See chart.)



About Amazon Web Services

In 2006, Amazon Web Services (AWS) began offering IT infrastructure services to businesses in the form of web services—now commonly known as cloud computing. One of the key benefits of cloud computing is the opportunity to replace up-front capital infrastructure expenses with low variable costs that scale with your business. With the cloud, businesses no longer need to plan for and procure servers and other IT infrastructure weeks or months in advance. Instead, they can instantly spin up hundreds or thousands of servers in minutes and deliver results faster.

About Equinix

Equinix, Inc. (Nasdaq: EQIX) connects the world’s leading businesses to their customers, employees and partners inside the most interconnected data centers. In 40 markets across five continents, Equinix is where companies come together to realize new opportunities and accelerate their business, IT and cloud strategies. In a digital economy where enterprise business models are increasingly interdependent, interconnection is essential to success. Equinix operates the only global interconnection platform, sparking new opportunities that are only possible when companies come together.

Learn more at Equinix.com

Equinix Americas

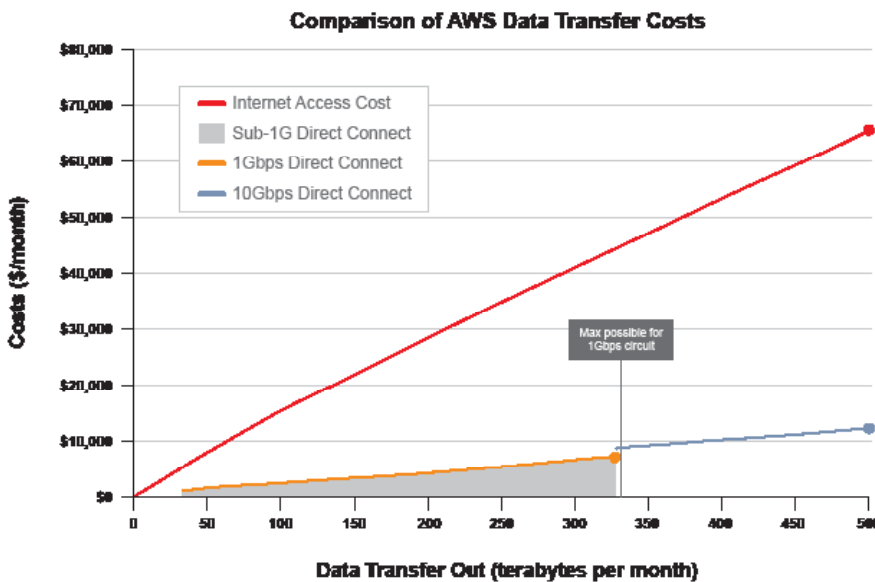
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Source: AWS U.S. published price list, July 5, 2012

Consistent Network Performance – Reduce network latency and provide a more consistent network experience by using direct connections instead of Internet-based connections to AWS.

Compatible with all AWS Services – Direct connections work with all Amazon Web Services that are accessible over the Internet, including Amazon Simple Storage Service (Amazon S3), Amazon Elastic Compute Cloud (Amazon EC2) and Amazon Virtual Private Cloud (Amazon VPC).

Private Connectivity to Amazon Virtual Private Cloud (VPC) – Establish a private, logical connection from an on-premise network directly to an Amazon VPC and map it to multiple private and secure connections to AWS.

Elasticity – Easily scale connectivity to meet evolving needs, from virtual connections ranging from 50 Mbps to 500 Mbps, and physical connections ranging from 1 Gbps to 10 Gbps. Provision multiple connections for even more capacity. Use AWS Direct Connect instead of a VPN to eliminate the need for VPN hardware.

Data Protection – Leverage AWS for data migration and replication to satisfy business continuity, security, privacy, regulatory compliance, disaster recovery and data retention requirements.