edgeconnex®

Amazon Web Services Solution Brief

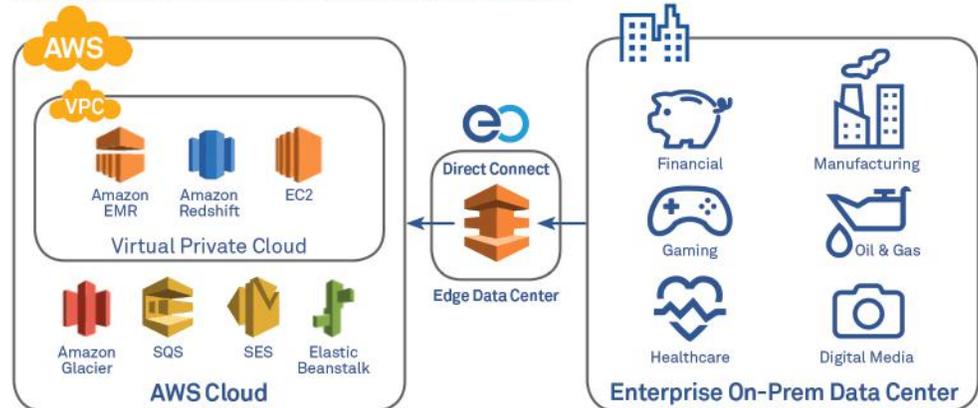**amazon web services | Partner Network**
TECHNOLOGY PARTNER

Access AWS from the Portland Edge Data Center to improve performance, reduce costs, increase security and leverage cloud computing for more applications.

Amazon Web Services Direct Connect Available in the EdgeConneX Portland Edge Data Center

With AWS Direct Connect, companies in the Pacific Northwest can connect their IT infrastructure directly to Amazon Web Services, establishing a private connection to the cloud that can reduce costs, increase performance and provide a more secure and consistent network experience.

What is AWS Direct Connect?

AWS

VPC

Amazon EMR · Amazon Redshift · EC2

Virtual Private Cloud

Amazon Glacier · SQS · SES · Elastic Beanstalk

AWS Cloud

Direct Connect

Edge Data Center

Financial · Manufacturing · Gaming · Oil & Gas · Healthcare · Digital Media

Enterprise On-Prem Data Center

AWS Direct Connect Service Highlights

amazon web services™

Private Connectivity to your Amazon VPC
You can use AWS Direct Connect to establish a private virtual interface from your on-premise network directly to your Amazon VPC, providing you with a private, high bandwidth network connection between your network and your VPC. With multiple virtual interfaces, you can even establish private connectivity to multiple VPCs while maintaining network isolation.

Consistent Network Performance
Network latency over the Internet can vary given that the Internet is constantly changing how data gets from point A to B. With AWS Direct Connect, you choose the data that utilizes the dedicated connection and how that data is routed which can provide a more consistent network experience over Internet-based connections.

Reduces Your Bandwidth Costs
If you have bandwidth-heavy workloads that you wish to run in AWS, AWS Direct Connect reduces your network costs into and out of AWS in two ways. First, by transferring data to and from AWS directly, you can reduce your bandwidth commitment to your Internet service provider. Second, all data transferred over your dedicated connection is charged at the reduced AWS Direct Connect data transfer rate rather than Internet data transfer rates.

Compatible with all AWS Services
AWS Direct Connect is a network service, and works with all AWS services that are accessible over the Internet, such as Amazon Simple Storage Service (Amazon S3), Elastic Compute Cloud (Amazon EC2), and Amazon Virtual Private Cloud (Amazon VPC).

www.edgeconnex.com/aws

Experience the New Edge of the Network.

edgeconnex®

Proximity Matters. Edge Data Centers - Where you ASK for it.

AWS
PORTLAND

Seattle
Minneapolis
Madison
Detroit
Boston
Pittsburgh
Sacramento
Salt Lake City
Santa Clara
Denver
Richmond
Norfolk
Las Vegas
Nashville
San Diego
Phoenix
Memphis
Atlanta
Tallahassee
Jacksonville
Houston
Miami

📍 Existing EDC Market

📍 Potential EDC Market

🟧 AWS EDC with AWS Direct Connect

Global Footprint

EdgeConneX specializes in providing purpose-built, edge-of-network facilities that enable the fastest delivery of bandwidth intensive, latency sensitive content and applications to local consumers and enterprises. EdgeConneX currently operates 24 data centers across North America and Europe and is rapidly expanding both the number of data centers it operates and markets it serves.

Proximity at the Edge of the Network

EdgeConneX is creating a new edge of the Internet by designing and deploying Edge Data Centers that are strategically positioned nearest to network provider aggregation points, establishing new local peering facilities. This ensures the lowest latency data delivery with improved quality of service and increased security.

Flexible Business Model

Our creative approach facilitates innovative distribution models that support our customer's content and applications at the edge of the network. These purpose-built, Edge Data Centers are designed and deployed in conjunction with our customers to ensure the most ef cient placement of their content and applications. Our ability to also support high availability applications and high powered deployments for customers ensures the necessary reliability and performance mandates desired by our customers.

Ecosystem Enablement Platform

EdgeConneX is trusted by the world's leading and most influential network, content, cloud and enterprise companies to connect and deliver their data at the Edge of the Network.

Local Proximity—Portland

The Portland EdgeConneX Edge Data Center® (EDC) has been purpose-built and precisely located in order to provide a secure colocation facility for customers wishing to deliver content and applications to local-market consumers, with the lowest possible latency. Partnering with network and cable operators at the local level, our carrier neutral facility guarantees the shortest and fastest routes for delivering content to local market subscribers (consumer and enterprise) and Internet customers.

AWS Certified Partner

EdgeConneX is a certified member of AWS Partner Network.

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