



EBOOK:

AWS Direct Connect with InterCloud



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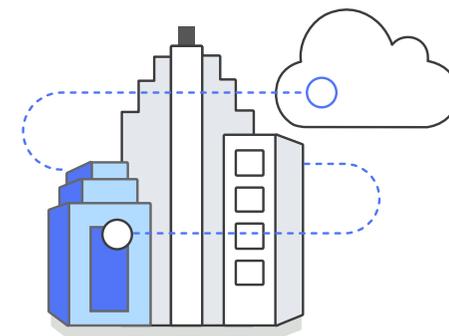
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Amazon Web Services (AWS) Direct Connect

AWS Direct Connect is a private, high-performing data stream that connects on-premises data centers and corporate networks to customer's AWS resources. This dedicated connection reduces network costs while providing organizations with a more consistent, reliable connection than general internet-based connections. Transferring data to AWS and from AWS with AWS Direct Connect is charged at reduced transfer rates, making it an ideal choice for organizations frequently moving workloads in and out of the cloud. Additionally, with AWS Direct Connect customers can connect to all of their AWS services that are accessible over the internet, such as Amazon Simple Storage Service (Amazon S3) and Amazon VPC, while maintaining network separation from the public internet.

As network requirements grow, AWS Direct Connect makes it easy for organizations to quickly provision new network connections across multiple AWS regions and expand their global presence. These new connections can be provisioned at either 1 Gbps or 10 Gbps, depending on immediate network needs.

Reliable, private
dedicated network



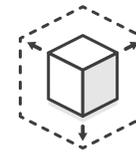
AWS Direct Connect Benefits

Whether you are looking to migrate to the cloud or are already operating on AWS, you can benefit from the consistent, low-cost connection provided by AWS Direct Connect.



Reliable

Choose how you route your data to create a consistent network experience that meets your business requirements.



Scalable

Easily scale as your network requirements evolve by quickly provisioning new connections as needed.



Fast

Leverage a dedicated “freeway” to quickly move your network traffic and gain greater control over factors that negatively impact performance, such as latency and congestion.



Private

Establish a private connection from your on-premises network directly to your AWS environment to move sensitive data through a high-bandwidth network connection.



About InterCloud

InterCloud makes access to Cloud applications for multinationals easier and more reliable. Over 50 of them have placed their trust in InterCloud to deliver an appropriate solution to satisfy security and compliance needs in relation to the hybridisation of their business applications.

By providing flexible, reliable and seamless Cloud access, InterCloud ensures that companies retain absolute control over their applications. That is why major Cloud vendors like Amazon Web Services have opted for InterCloud's platform.

As an APN (AWS Partner Network) advanced partner since 2012, InterCloud enables enterprises to extend their on-premise infrastructure to AWS. Leveraging AWS Direct Connect, InterCloud provides enterprise-grade, dedicated Cloud connectivity with committed SLA-backed service quality. IT organizations can globally deliver AWS Cloud applications and services to corporate users, while ensuring user experience, compliance and reliability requirements are maintained.

On December 2017, InterCloud was selected to be part of the AWS Networking Competency Program, launched at Re:Invent – Las Vegas, USA. This program recognizes InterCloud's expertise and capabilities in providing network solutions to assist customers in adopting, developing, and deploying applications on AWS.



InterCloud with AWS Direct Connect Benefits

Reliable access to AWS Cloud applications:

Applications are now distributed services. The network performance and security have become mission critical. InterCloud provides a private connectivity platform that changes how enterprises are accessing their AWS Cloud applications.

Performance & Security:

By delivering unparalleled security and performance commitments with SLAs, InterCloud offers a unique alternative to public Internet and allows companies to extend their trust and compliance to their whole hybrid infrastructure.

Flexibility & Control:

By providing flexible, reliable and seamless AWS Cloud access, InterCloud ensures that companies retain absolute control over their applications.





Case Study : Schneider Electric

CHALLENGE

Schneider Electric had to overcome many challenges in order to take advantage of the Cloud and all its resources and features with an enterprise-grade level of commitment and quality. Committing on flexibility, security, performance, and compliance of Cloud resources led Schneider Electric's network team to rethink the global delivery of applications on AWS.

Schneider Electric chose InterCloud to secure and control the access to its AWS Cloud applications, from more than 100 countries, and guaranteed the best user experience.

SOLUTION

With the support of InterCloud experts in Cloud and corporate network issues, Schneider Electric built a groundbreaking hybrid Cloud access solution. Leveraging AWS Direct Connect, InterCloud strengthens AWS resources availability for Schneider Electric's corporate users, through the management of redundant connectivity across different geographies and the associated routing to AWS VPC.

As InterCloud guaranteed the reliability of the data delivery with strong performance commitments on KPIs, Schneider Electric benefits from an unparalleled visibility oversee their Cloud resources.



Bypassing the public internet to reach our cloud applications has allowed us to access our key business data privately, thus securing our data and guaranteeing the performance of our critical applications around the world.



Lionel Marie

Lead Network Architect, Global Internet & Cloud Connectivity



Getting Started

For more information about InterCloud with AWS Direct Connect, visit:

- > InterCloud website : www.intercloud.com
- > InterCloud Blog : <http://blog.intercloud.com/>
- > Contact us: contact@intercloud.com



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