

# Cloud Services Data Centers Cloud Interconnection



## Overview

- Improved security- Applications and services can be accessed via private direct connections to the ecosystem of cloud providers collocated in the same facility without traversing the internet
- Reduced transport costs- Collocated service providers, alternative network.
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Simply put, a cloud interconnect refers to the dedicated network connection linking a company's on-premises infrastructure directly to a cloud service provider (CSP). This dedicated connection bridges the gap between private, on-site data centers and public cloud environments, allowing for a. This white paper explains the need for multi-layer data center interconnection networks and how they need to support dynamic access to cloud applications and services. Today's multiple, costly, static networks require manual provisioning and intervention across multiple layers and domains. Gartner Says Worldwide Data Center. For enterprises running workloads across multiple clouds, on-premises systems, SaaS platforms, and edge locations, interconnection is the architectural foundation that determines whether a hybrid IT strategy actually works or simply exists as a collection of loosely connected systems. Cloud Interconnect offers the following options for extending your network: Provides connectivity between your on-premises and VPC networks through a direct.



## Article Content

Data center interconnection for the cloud era

The data centers that make up the cloud form an ecosystem that enables digital transformation and the digital economy. This cloud ecosystem requires a highly interconnected data center infrastructure to

Digital Realty Trust highlights its global data center scale as demand ...

Digital Realty Trust typically serves a mix of enterprise, cloud, and network provider customers, reflecting the broad demand for third-party data center infrastructure.

CDC Data Centres | Secure Colocation & Cloud in

Discover CDC Data Centres, Australia's leading sovereign data center provider. Offering Tier III & IV colocation, private suites, bare metal, cloud, disaster

Interconnection services in hybrid IT data centers:

What are interconnection services in hybrid IT data centers? Interconnection services are the physical and virtual network connections that link different

Equinix Fabric | Equinix Product Documentation

Learn how Equinix Fabric enables direct, low-latency connections to service providers, business partners, Network Edge devices, and your own assets

Data Center Company & Enterprise Network

Equinix is the largest global data center and colocation provider for enterprise network and cloud computing. Secure datacenter management technologies and

Data center interconnection for the cloud era

This white paper explains the need for multi-layer data center interconnection networks and how they need to support dynamic access to cloud applications and services. Today's multiple, costly, static

Canada Data Centers, Colocation & AI-Ready Infrastructure

Colocation and cloud interconnection in AI-ready Canada data centers Equinix's Canada data centers support the nation's digital economy with AI-ready infrastructure across Toronto, Montreal, Calgary,

Data Center Solutions and Facilities | Flexential

Scalable colocation, cloud, and connectivity solutions for secure, high-performance IT infrastructure. Explore how Flexential can support your business today.

Telx's Miami MIA1 Colocation, Cloud and Interconnection Data Center

Why Choose Telx's Miami MIA1 Colocation, Cloud and Interconnection Data Center for Web Hosting in Miami, Florida? Telx's Miami MIA1 Colocation, Cloud and Interconnection Data Center provides

Mumbai + Pune Data Center Report 2026, AI, Hyperscale

Explore Mumbai and Pune's 2026 data centre market: colocation, hyperscale, cloud growth & AI interconnection trends in these Indian markets in this report.

Japan DCAI Report 2026: Data Centre, Colocation, AI ...

Japan DCAI Report 2026 explores data center, colocation, hyperscale cloud and AI infrastructure trends shaping Japan's digital economy.

Cloudflare Global Network | Data Center Locations

Cloudflare Global Network One of the world's largest networks — running every service in every data center for unmatched performance, security, and reliability.

Data Center Investment in 2026: AI Demand, Power Constraints, and ...

Ropes & Gray recently attended IMN's Data Centers Private Equity conference in New York. Consistent with our own practice experiences, attendees and presenters confirmed that,

Interconnection 101: A Complete Guide [What Is, Types ...

Cloud interconnection: Cloud interconnection refers to establishing connections between data centers and cloud service providers. It enables organizations to access and transfer data to and

Data Center Colocation | Hyperscale Edge

We operate 45+ data centers across 13 strategic edge North American markets. Our data center ecosystem includes prime colocation and interconnection hubs and

Navigating Cloud Integration and Data Center Interconnection in the

In the epoch of cloud and intelligence, data center networks play a pivotal role in supporting the seamless integration of cloud services and facilitating robust interconnection between

AI to drive 165% increase in data center power demand

Goldman Sachs Research forecasts global power demand from data centers will increase 50% by 2027 and by as much as 165% by the end of the

Digital Realty Trust highlights global data center role as investors ...

Digital Realty Trust remains a key global data center operator, with investors focusing on its long-term positioning in cloud, colocation, and interconnection services rather than short-term price ...

## Data center interconnection for the cloud era

Customers want dynamic access to cloud-based applications and services that are delivered from multiple data centers, and they want to distribute workloads across multiple data centers where and

## The Ultimate Guide to Equinix Competitors in 2026

Enterprises evaluating Equinix in 2026 have more—and often better—options. This in-depth guide compares leading Equinix competitors

## CoreSite | Secure, High-Performance Data Centers

CoreSite provides the foundation for your hybrid IT infrastructure with high-performance colocation, interconnected data center campuses and cloud onramps.

## Data Center Connectivity Solutions

Building a future-proof, data center in cloud computing can be tough. We understand the key data center challenges and solutions in cloud computing and provide you

## Data Center Delays Are Breaking AI's Biggest Promise.

Data center delays shrink AI capacity as grid interconnection backlogs, power transformer shortages, and cloud pricing hikes blindside SaaS

## Cloud Interconnect overview | Google Cloud

Provides connectivity between your network in another cloud and VPC networks through a direct physical connection between the Google network and that of

## What Is an Interconnection Hub? It's Where Digital

By placing data and infrastructure in Equinix-based interconnection hubs, organizations can achieve the best possible performance and lowest

## The Iron Mountain Data Center Services

Iron Mountain Data Center Services delivers secure colocation and interconnection options for enterprises needing compliant infrastructure across multiple US metros.

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://sphplantsales.co.za>

Email: [info@sphplantsales.co.za](mailto:info@sphplantsales.co.za)

Phone: +27 64 827 3915

Address: Unit 9, Highveld Technopark, 43 Atlas Road, Johannesburg, 2196,  
South Africa

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