Direct2Cloud
Private Cloud Connectivity

From Comcast Business

USING ETHERNET FOR A FAST, SECURE, DIRECT CONNECTION TO CLOUD SERVICE PROVIDERS

Cloud computing is changing the way business IT operates. As organizations move data-intensive applications and work flows off-premises and into the cloud, they expect these resources to perform as if they were inside the company's network, with no frustrating transmission delays or interruptions.

Ethernet has become the technology of choice for seamlessly integrating off-premises resources into an application delivery chain. It allows businesses to create private network connections between select cloud services and their infrastructure, which can be either on-premises or hosted in a colocation facility.

DIRECT2CLOUD FROM COMCAST BUSINESS

Comcast Business cloud connectivity leverages Comcast Business Ethernet to facilitate secure, direct access between any location inside our extensive nationwide network footprint and leading cloud environments across the country including Amazon Web Services (AWS), IBM Cloud and Microsoft Azure.

With this, Comcast Business brings network security as well as the performance and scalability of Ethernet to the cloud – providing low-latency, secure, private access to mission-critical applications while effectively bypassing the Internet.

BENEFITS

Comcast Business Direct2Cloud Connectivity provides several benefits:

- **Fast, reliable and secure connections** – Direct connections to the cloud offer higher security, better reliability, faster speeds and lower latencies than typical Internet connections.

- **Lower costs** – Take full advantage of the cloud's shared infrastructure and pay-as-you-go pricing model for all your business needs.

- **Build hybrid applications** – With predictable, reliable and high-throughput connections, you can build applications that span on-premises infrastructure and the cloud without conceding network performance.

- **Extend your data center** – Add compute and storage capacity in the cloud and enjoy the scale and economics of the public cloud without having to compromise on security.

- **Service Level Agreement** – With a private connection to the cloud, you get the peace of mind of a network SLA, something that is unavailable with Internet transmissions.

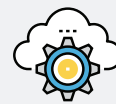### TOP USE CASES FOR PRIVATE CONNECTIVITY:

Virtual Servers

Cloud Storage

Big Data

Business Continuity/ Disaster Recovery

Application Development and Testing

Hybrid Application Environments

COMCAST BUSINESS

OUTMANEUVER

CONNECTING TO CLOUD SERVICE PROVIDERS

Typically, a business can access a cloud service over the Internet. Cloud Service Providers (CSPs) like Amazon, IBM Cloud and Microsoft have added specific locations where they provide direct connectivity into their cloud, bypassing the Internet.
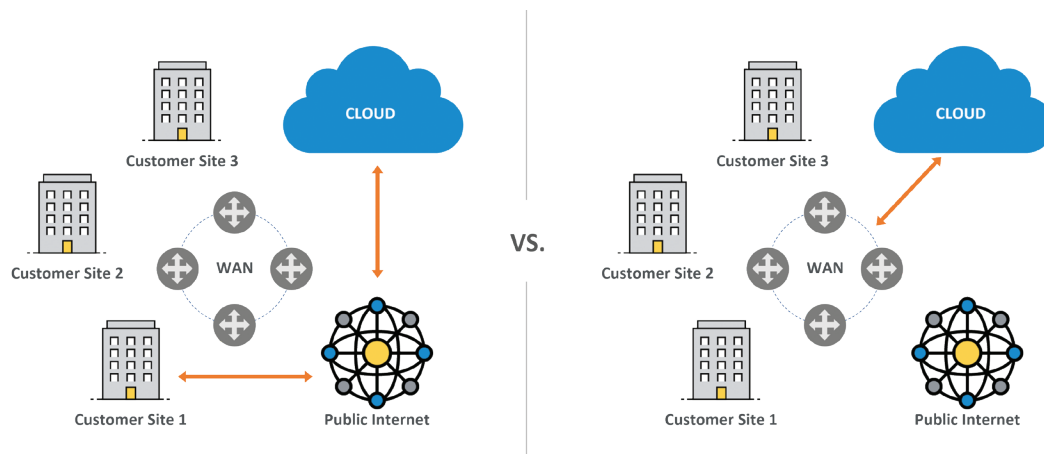
HOW IT WORKS

If your network is colocated in one of the facilities where the CSP provides this service, you can directly connect to it. If your business is not physically located in the same premises, Comcast Business can connect your network to the cloud by providing a dedicated circuit for that express purpose. Our cloud connection will provide a Layer 2, physical Ethernet connection from your business to an established direct connectivity cloud interface provided by your supported cloud service providers. Once installed you will be able to:

· Set up your VLANs to interface with your cloud service

· Communicate directly with your cloud service

· Leverage the various cloud services offered by CSPs

· Enjoy a secure, private connection and reliable, consistent performance

ETHERNET SOLUTIONS

Comcast Business has a fiber optic solution to help manage the exploding demand for network capacity, scalable up to 10Gbps. It provides the ability to scale rapidly and is 2.0 MEF certified. Comcast Business has a large national footprint, with over one million lit buildings.

• **Ethernet Private Line** for site-to-site connectivity

• **Ethernet Virtual Private Line** for hub-and-spoke configurations

• **Ethernet Network Service** for any-to-any configurations

• **Ethernet Dedicated Internet** for highly secure, dedicated connections

FOR MORE INFORMATION

Visit **business.comcast.com/ethernet/data-center** or call 888-317-9627.

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