

# Maximize Hybrid Cloud Potential with IBM Cloud Direct Link on PlatformDIGITAL®

## Optimize Networking in Your Hybrid Environment with Digital Realty's Dedicated and Hosted IBM Cloud Direct Link Solutions for High-Performance Connectivity

### Why IBM Cloud Direct Link and Digital Realty?

IBM Cloud Direct Link enables customers to transfer data to and from IBM Cloud safely and securely, with fast and consistent transfer rates across a dedicated network connection. Digital Realty's PlatformDIGITAL® is the single global data center platform designed to solve global coverage, capacity, connectivity, and multi-cloud adjacency needs. It brings users, networks, things, and clouds to the data to remove data gravity barriers and scale digital business.

For customers looking to leverage IBM Cloud Direct Link to connect to IBM Cloud, Digital Realty offers three connectivity options:

- 1. Dedicated:** IBM Cloud has deployed IBM Cloud Direct Link cloud onramps within 5 Digital Realty data center facilities. Customers at each of these data center campuses are able to connect to IBM Cloud via a secure, low latency, high-bandwidth and cost-effective cross connect and deploy cloud-adjacent, hybrid cloud architectures.
  - 2. Hosted:** Customers located in any of our 135+ global data centers where ServiceFabric™, Digital Realty's global, service orchestration platform, is available can connect to any IBM Cloud region seamlessly and on-demand, including the markets offering dedicated connections.
  - 3. Remote:** Customers in remote locations can connect via a community of 1,300+ local and global network service providers present in our data centers.
- **AI & HPC Applications:** When customers transfer large amounts of data between their AI/HPC colocation environment and IBM Cloud, high performance and low latency are an absolute requirement. Digital Realty data centers that host IBM Cloud Direct Link provide the throughput and consistency required for data-intensive workloads.
  - **Proprietary Customer Data:** By utilizing a dedicated cross connect between a customer's colocation cage and IBM Cloud Direct Link, the customer's data never traverses the public Internet. This end-to-end private connection isolates proprietary customer data from other internet traffic improving security and privacy.
  - **Low latency:** In a Digital Realty data center with IBM Cloud Direct Link present, customers can take advantage of cloud-adjacent colocation ensuring a consistent, low-latency hybrid network solution.
  - **Periodic Data Migration, Business Continuity, Disaster Recovery:** Fast, reliable, and secure end-to-end dedicated connections between a customer's colocation environment and IBM Cloud Direct Link ensures smooth and reliable data transfers at massive scale for real-time analysis and rapid data backup.
  - **Data Sovereignty:** If a customer is required to keep certain workloads out of the public cloud for compliance reasons, then placing those workloads in a Digital Realty data center with a dedicated IBM Cloud Direct Link allows the customer to stay compliant while not sacrificing performance, reliability, or security.

Use cases for dedicated and hosted IBM Cloud Direct Link on PlatformDIGITAL® include:

### Key Benefits of Digital Realty's Direct Connection to IBM Cloud:

**Performance:** By connecting to IBM Cloud Direct Link from the same data center campus, you minimize latency (just a cross-connect away) enabling cloud-adjacent colocation.

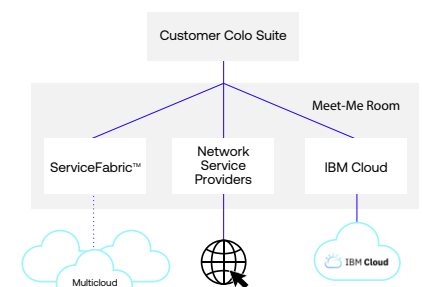
**Reliability:** Achieve predictable, reliable latency, which is needed for many hybrid architectures.

**Security:** Cross-connects are inherently secure - just a cable in a data center with no active component in-between.

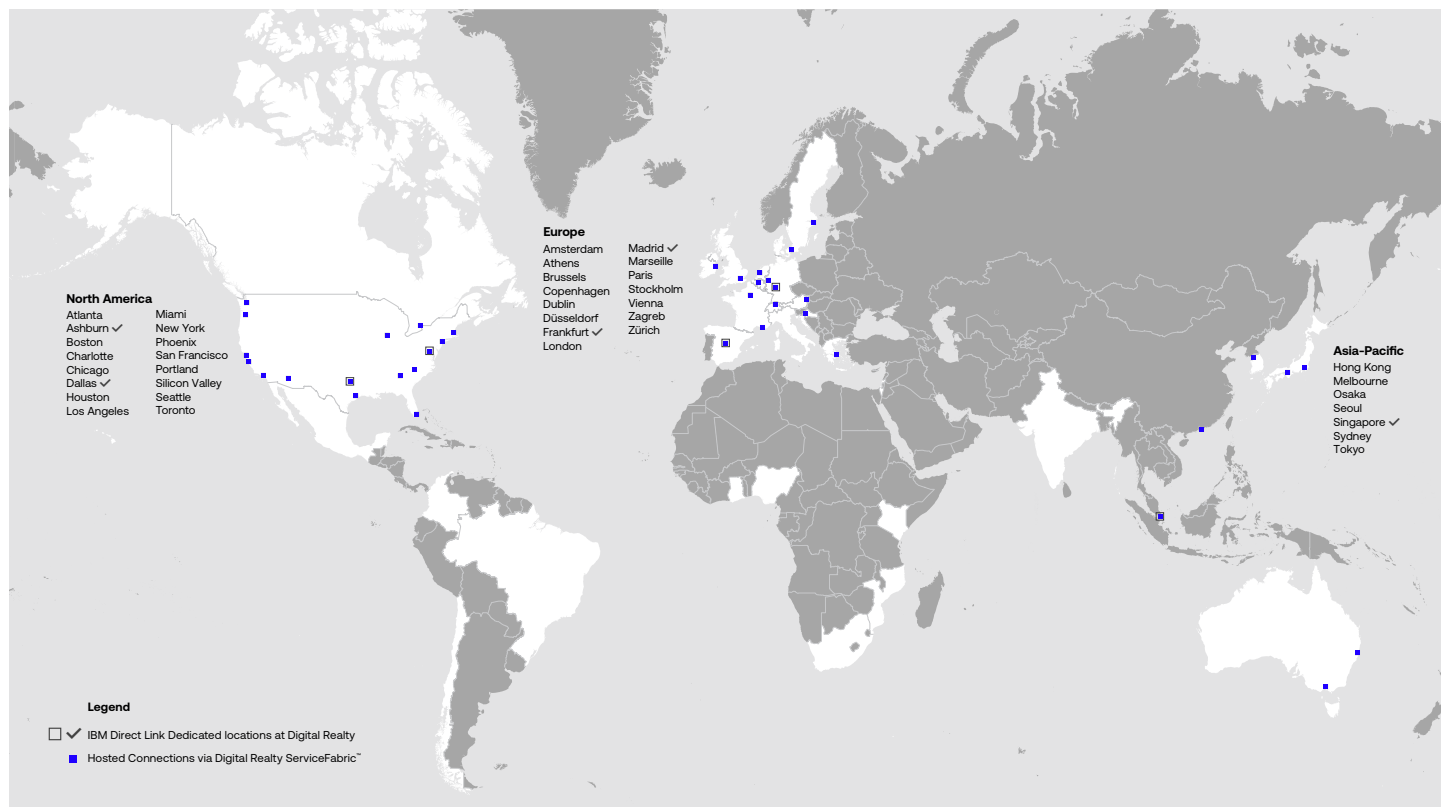
**Cost:** Moving massive amounts of data is expensive. The costs of WAN and internet usage can be significant for companies that require private connections. For Digital Realty data centers with a dedicated IBM Cloud Direct Link, the Digital Realty cross connect fee is a factor of 10x lower than the cost of redundant WAN connections.

**Multi-cloud:** ServiceFabric™ enables seamless connectivity between IBM Cloud and other leading cloud platforms.

### Digital Realty Data Center



## Data Center Solutions When and Where You Need Them



### Learn more

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### About Digital Realty

Digital Realty brings companies and data together by delivering the full spectrum of data center, colocation and interconnection solutions. PlatformDIGITAL®, the company's global data center platform, provides customers with a secure data meeting place and a proven Pervasive Datacenter Architecture (PDx®) solution methodology for powering innovation and efficiently managing Data Gravity challenges. Digital Realty gives its customers access to the connected data communities that matter to them with a global data center footprint of 300+ facilities in 50+ metros across 25+ countries on six continents. To learn more about Digital Realty, please visit [digitalrealty.com](http://digitalrealty.com) or follow us on [LinkedIn](#) and [X](#).

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