ServiceFabric™ Connect

Data Sheet

DIGITAL REALTY™ | Ascenty
A Digital Realty and Brookfield Infrastructure JV

ServiceFabric™ Connect

Overview

Digital Realty's ServiceFabric™ is a global service delivery platform that provides a seamless, on-demand suite of wide-ranging services. ServiceFabric™ Connect is the initial service, which provides management, visibility and connectivity to global cloud, network providers and business partners. This service seamlessly interconnects workflow participants, applications, multiple clouds and ecosystems to support the exploding volume of data and interactive traffic of digital business workflows and use cases.

Key Attributes

Connected
Broad ecosystem of carrier & cloud neutral service providers, suppliers and business partners

Compliant
Security controls and access logging for data compliance

Secure
Network segmentation and private backbone ensure security

Extensible
Scale deployments up and out with flexible consumption models

Resilient
Fully redundant hardware, power distribution, 99.9% single port availability, 100% redundant port availability, network diversity and 24x7 NOC/Global Command Center Operations

Performant
Purpose built for low latency and high throughput

Connectivity Use Cases

Enterprise
Multi-Site Network Hubs
Cross-Region Private Data Transfer
Fabric Access to Public Cloud

Network Service Providers
Edge
Transit
Remote PoPs

Cloud Service Providers
Remote Customer Access
Cloud to Cloud Connectivity
Virtual PoPs

Business Partners
SaaS
Suppliers

SaaS Software as a Service   **PoPs** Points of Presence   **NOC** Network Operations Center

Key Benefits

- One port to connect to Anyone, Anywhere, at Anytime, through a global platform
- "On-Ramp" to new services and innovation, quickly connect to new services provided by cloud, SaaS and partners
- Integrated security through network segmentation and private connections that bypass the public Internet
- Bandwidth on-demand, simply and rapidly provision any-to-any connectivity to anywhere at any time
- Flexible billing, scaled up and down based on your business needs with no long-term commitments
- Service Directory to quickly find and connect to best-in-class suppliers through a single portal, with increased flexibility and reduced risk

At-a-Glance

Purpose-built product for cost effective interconnections to global data centers, cloud service providers, network service providers and business partners with a single secure interface

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How it Works

Deployed in PlatformDIGITAL®'s global campus facilities, ServiceFabric™ Connect as a solution allows the customer to establish numerous Layer 2 or Layer 3 virtual private connections to multiple cloud service providers, network providers, SaaS providers and other providers from a single interface. Interconnections support both Metro (metropolitan area) and Intercity (between distant locations) connections.

The ServiceFabric™ Connect Virtual Router (vRouter) allows customers to connect via Layer 3. The vRouter joins two or more independent connection services into a single routing domain, providing connectivity between all of the connections attached to the vRouter.

ServiceFabric™ enables customers to directly connect with providers and partners, showcase services, engage with others, and explore collaborative opportunities, fostering seamless partnerships.

Orchestration Layer

APIs

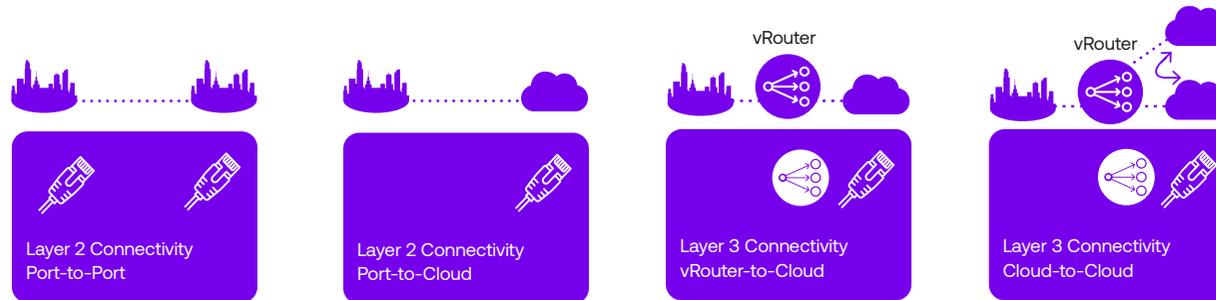Portal

Advanced Services*

Interface

Integrated Services

Interface
Interact with the platform via the standard portal or programmatically via API. API interface allows integration into existing workflows and orchestration tools.

Advanced Services
New service offerings, such as Network Function Virtualization (NFV), decouple software function from hardware, accelerating delivery of network functions and applications.

Connection

vRouter

vRouter

Layer 2 Connectivity
Port-to-Port

Layer 2 Connectivity
Port-to-Cloud

Layer 3 Connectivity
vRouter-to-Cloud

Layer 3 Connectivity
Cloud-to-Cloud

Connectivity
Flexible connectivity options allow connections from any-to-any, and any-to-many. Reach spans from Metro to Intercity with connectivity targets including self, clouds, partners, customers, and service providers.

Ecosystem

Cloud Service Providers

Partners

Directory Services

Future

Ecosystem
ServiceFabric™ Connect seamlessly interconnects workflow participants, applications, multiple clouds, and ecosystems to support the exploding volume of data and interactive traffic of digital business workflows and use cases.

API Application Programming Interface

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ServiceFabric™ Connect

Global Availability Map

- ■ PlatformDIGITAL®
- ▣ ServiceFabric™ Connect available on PlatformDIGITAL®

Europe

Amsterdam	Madrid
Athens	Marseille
Brussels	Paris
Copenhagen	Stockholm
Dublin	Vienna
Düsseldorf	Zagreb
Frankfurt	Zürich
London	

North America

Atlanta	New York
Austin	Northern Virginia
Boston	Phoenix
Charlotte	Portland
Chicago	Querétaro
Dallas	San Francisco
Houston	Seattle
Los Angeles	Silicon Valley
Miami	Toronto

Asia-Pacific

Chennai
Hong Kong
Melbourne
Osaka
Seoul
Singapore
Sydney
Tokyo

Africa

Abuja
Accra
Cape Town
Durban
Johannesburg
Lagos
Maputo
Mombasa
Nairobi

South America

Bogotá
Fortaleza
Rio de Janeiro
Santiago
São Paulo

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PlatformDIGITAL® ServiceFabric™ Connect Availability Map as of June 2024. Note: Offerings may vary based on market-specific attributes and options.

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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** or follow us on **LinkedIn** and **X**.

About Ascenty

Ascenty, the largest provider of data center services and connectivity in Latin America, is a joint venture between Digital Realty, the world's largest data center company, and Brookfield Infrastructure, a Canadian asset management company. Currently, Ascenty operates and/or is constructing over 30 data centers in Brazil, Chile, Mexico, and Colombia. These centers are interconnected by a proprietary 5,000 km fiber optic network. Ascenty specializes in building and operating world-class data centers and offers a scalable, uninterrupted, and high-quality connectivity structure that meets the market's demands. It integrates into its ecosystem some of the world's leading cloud and technology service providers, along with clients from sectors such as finance, retail, industry, healthcare, and services. To learn more about Ascenty, visit: **ascenty.com**.

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