Microsoft Azure ExpressRoute

Datasheet

GBI

Who We Are

GBI is a global cloud, connectivity and content enabler that owns and operates a smart, fully managed service network. Our multilayer terrestrial and subsea cable meshed network bridges the East to the West through the Middle East, empowers businesses, connects societies and contributes to the region's transformation towards knowledge-based economies.

GBI has partnered with Microsoft to provide ExpressRoute connectivity to the customers in the GCC and the MEA region

The GBI ExpressRoute offering allows enterprises to extend their on-premises infrastructure into the Microsoft cloud over a private connection. With ExpressRoute, corporations can establish connectivity to Microsoft cloud services, such as Microsoft Azure and Microsoft 365, from their on-premises infrastructure.

ExpressRoute connectivity allows enterprises to bypass the public Internet and utilize a faster, more reliable, and more secure connection to your Azure environment. Utilizing ExpressRoute will enable enterprises to enjoy all the benefits of Azure without compromising on performance or security.

GBI is an end-to-end ExpressRoute managed connectivity provider to the Azure data centers in Europe (Amsterdam) and the UAE (Dubai).

Fast, Private, Direct

GBI ExpressRoute offers end-to-end security, availability on the lowest latency network from the region.

Hybrid Cloud Solution

Seamlessly connect and control your infrastructure and data in public and private cloud environments.

Scalable, Secure, Seamless

A secure, resilient connection to the cloud, designed specifically to meet your growing business needs.

Peace of Mind

GBI connectivity to Azure is backed by redundant network, strong SLAs for availability and Round-Trip Delays.

GBI offers enterprises in the MEA region two different technical options to reach the Azure data centers in Europe and the UAE or other Azure regions.

Solution 1: GBI Azure ExpressRoute via GBI Global MPLS

A managed end-to-end MPLS connectivity relying on the GBI owned and operates, secure and redundant, carrier-grade, global MPLS Backbone, interconnected with local MPLS links.
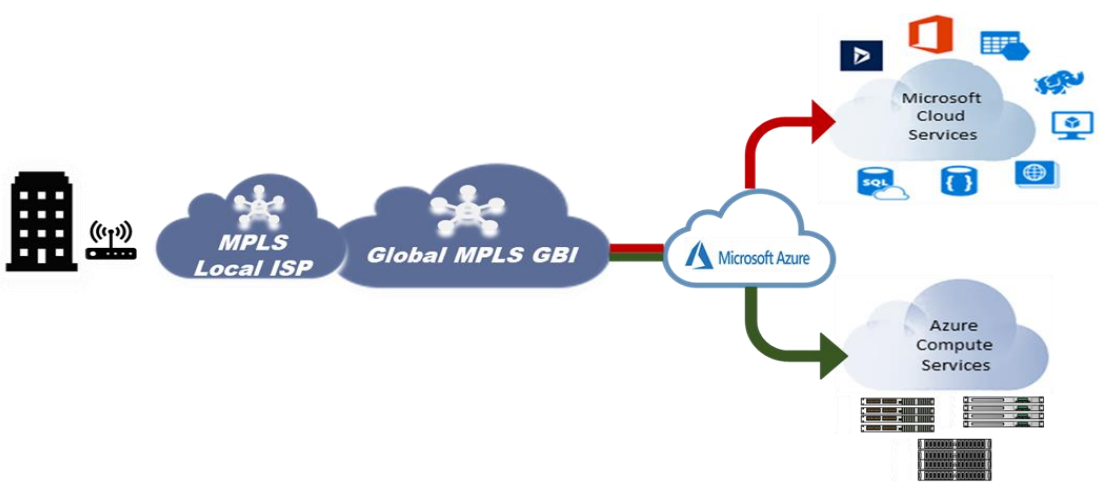
Solution 2: GBI Azure ExpressRoute via hybrid VPN using SD-WAN

A managed end-to-end hybrid VPN connectivity based on the GBI SD-WAN services interconnecting the GBI's Global MPLS Backbone with any type of local internet access (broadband, DIA, LTE). Assures a significantly lower cost due to the less expensive internet access used on the last mile.
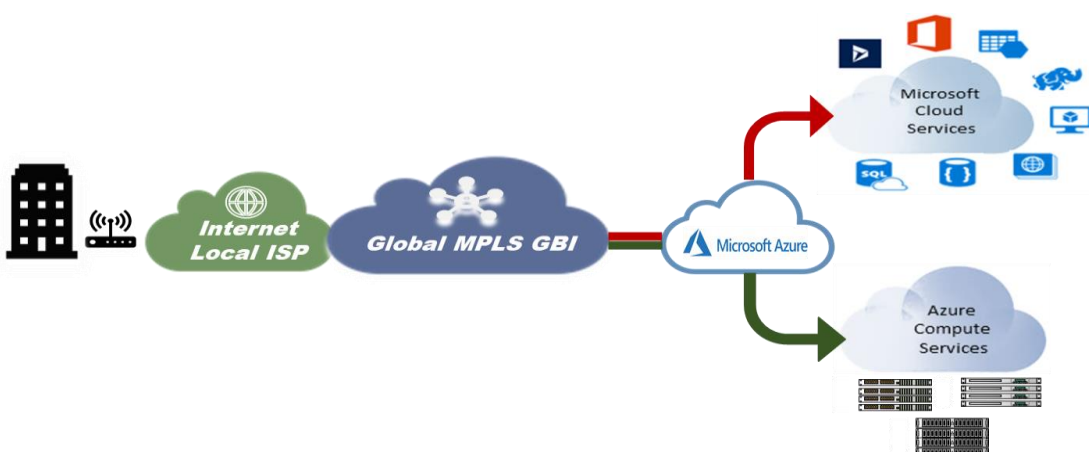
Solution Features and Benefits

- Integrates with Azure for a true Public/Private Hybrid solution.

- Private connections to Azure environment.

- Increased reliability and speed.

- Unified connectivity to all Microsoft Cloud Services.

- Lower latency and higher security.

- Reduces costs by taking advantage of lower transfer rates.

- Layer 3 connectivity between your on-premises network and the Microsoft Cloud through a connectivity provider. Connectivity can be from an any-to-any (IPVPN) network, a point-to-point Ethernet connection, or through a virtual cross-connection via an Ethernet exchange.

- Global connectivity to Microsoft services across all regions with ExpressRoute premium add-on.

- Dynamic routing between your network and Microsoft over industry standard protocols (BGP).

- Built-in redundancy in every peering location for higher reliability.

- Connection uptime SLA.
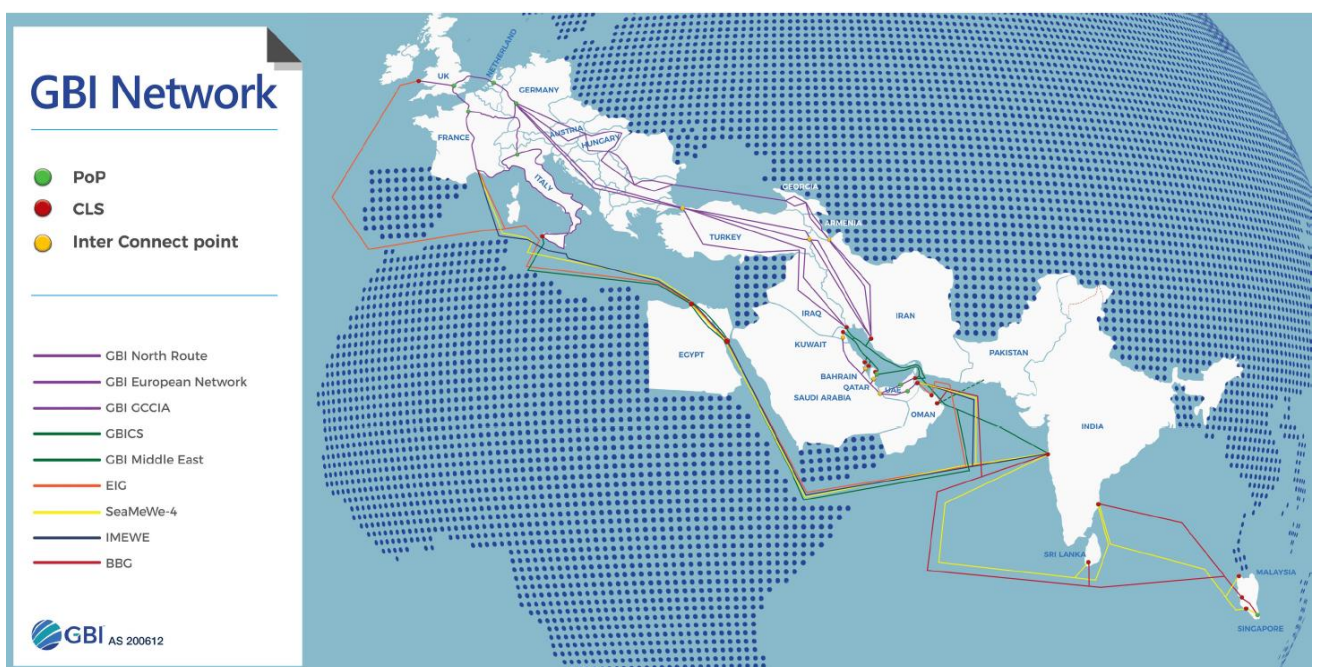
Ensures an optimized end-user experience on a dedicated cloud connect platform with the best available connection to the Microsoft Azure data centers in Europe.

GBI ExpressRoute service guarantees secure, direct and consistently fast access to your application workloads and infrastructure hosted in Microsoft Azure.

GBI ExpressRoute Service Options

GBI Provides	Azure ExpressRoute
A secure, scalable and affordable managed connectivity from your on-premise infrastructure to the Azure data center	✓
Stringent SLAs for both Latency and Availability	✓
Secure and resilient connectivity to Microsoft Azure data centers in Europe and the GCC	✓

Technical Specifications and Latency

Access Speeds	10Mbps to 1 Gbps
Interfaces	Ethernet (FE/GE)
Availability (Dual hand-off)	100%
Latency to Amsterdam (Premium – North Route)	98ms -105ms
Latency to Amsterdam (Redundant South – Route)	125ms - 140ms
Latency to Dubai Datamena	10-30ms

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