

A simple, scalable way to extend your connectivity reach across data centers

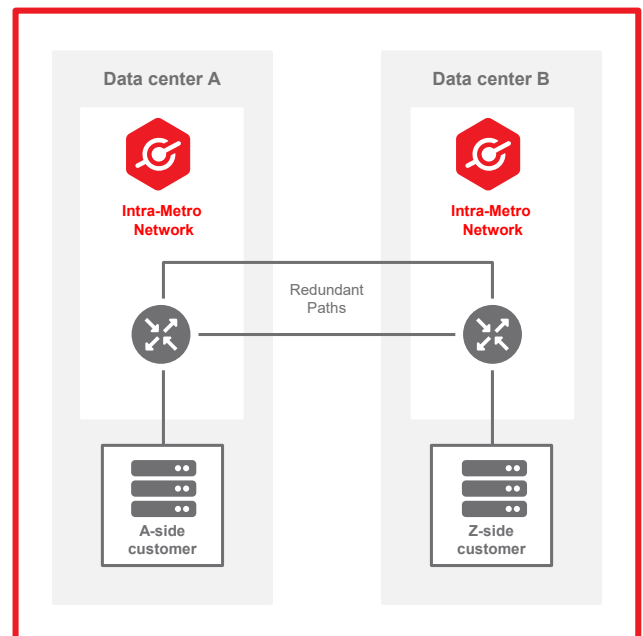
Intra-Metro Network services offer actively managed point-to-point connectivity between Datang Gaohong data center locations within a metropolitan area). Connect a deployment at one data center to a partner, customer or yourself at a different data center within the same metro. All Intra-Metro Network service types include an end-to-end connection inclusive of a cross connect at the customer demarcation in our facility. Available in data centers globally, Intra-Metro Network provides reliable, flexible and value-driven connections to help you expand your infrastructure with direct access to enterprises, clouds and content providers between Gaohong data centers located in a metropolitan area.

Intra-Metro Network offerings

Protected Intra-Metro Network

The Protected Intra-Metro Network offering allows customers in one data center to connect to customers, partners or their own networks in another data center. This offering provides resiliency for WAN connections using two diverse fiber paths and uses a single switch at each data center. Customers get a single physical connection to their demarcation on each side.

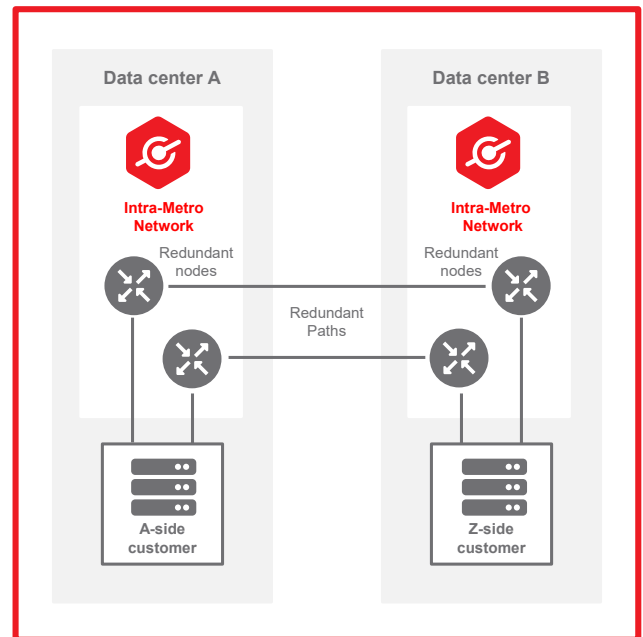
- Path protection (also referred to as MPLS for packet-based).
- No node protection.
- Availability SLA 99.99%.
- 1G and 10G.
- Available in packet-based Layer 2 service options.



Redundant Intra-Metro Network

The Redundant Intra-Metro Network offering allows customers in one data center to connect to customers, partners or their own networks in another data center. This offering provides resiliency for WAN connections using two diverse fiber paths and uses two switches at each location. Customers get two physical connections to their demarcation on each side.

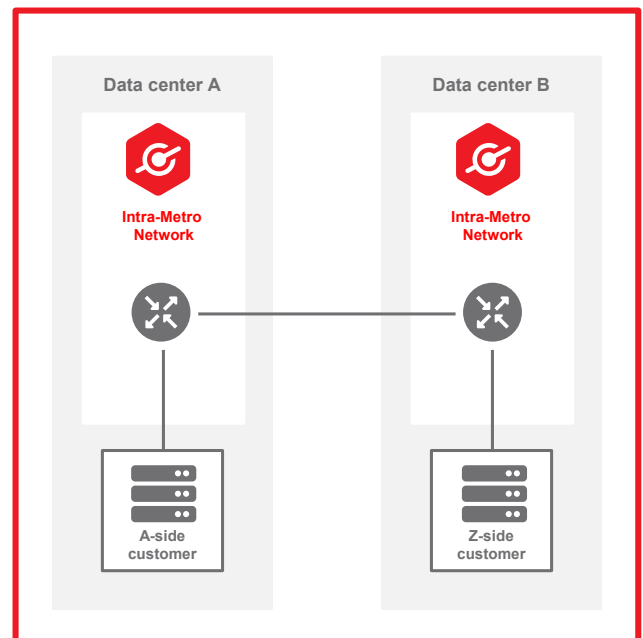
- Path protection (also referred to as MPLS for packet-based).
- Node protection.
- Availability SLA 99.999%.
- 1G, 10G.
- Available in packet-based Layer 2 service options.



Unprotected Intra-Metro Network

The Unprotected Intra-Metro Network offering allows customers in one data center to connect to customers or their own networks in another data center. This offering does not provide any redundancy. We recommend that customers make their own arrangements for redundancy through a network service provider.

- No path protection.
- No node protection.
- Availability SLA 99.5%.
- 1G, 10G.
- Available in packet-based Layer 2 service options.



Layer 2 Services

Switch-based options

Gaohong utilizes several Ethernet switch and router technologies to offer point-to-point Layer 2 connectivity between our data centers.

For redundant Layer 2 paths, the particular failover mechanism (e.g., MPLS FRR, EAPS) will vary depending on the network equipment present between sites.

Port speed	Media type*	MTU size	Transceiver module	Encapsulation type
1G	SMF	1,522b & Up**	1000BASE-SX 1000BASE-LX 1000BASE-T	802.1ad (QinQ)
10G	SMF	1,522b & Up**	1000BASE-LR (1310 nm)	802.1ad (QinQ)

*All interfaces are set to full duplex.

**Most locations support jumbo frames (9216 bytes).

Benefits

Reliability

Highly reliable connections between customer demarcation points.

Flexibility

Multiple bandwidth options (1G, 10G) offered over dedicated leased fiber.

Value-driven connections

Quick and affordable extensions from your infrastructure to your customers and partners located in different Gaohong data centers within the same metro.