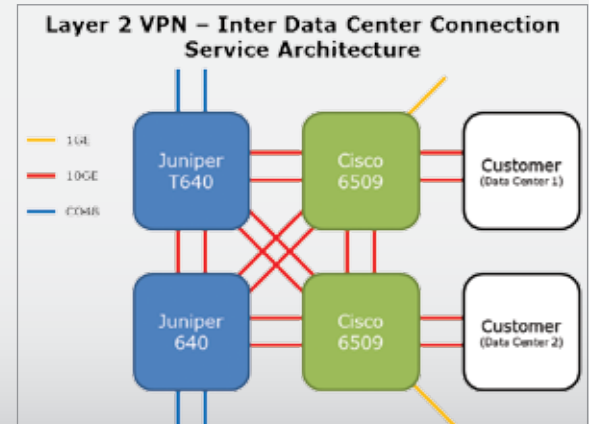# Inter-Data Center Connection Service

NTT AMERICA PREMIER DATA CENTERS

TYPICAL CUSTOMER USES

- Customers with a virtual private network divided between data centers – typically this would be customers with multiple servers, in at least two data centers

- Customer-managed or NTT America-managed activities such as data migration, backup, replication, and disaster recovery

- Companies looking to use internet-based connectivity without exposing their data to the perceived risks of sending data over the public Internet

- An alternative to private line circuits between data centers

Leveraging NTT America's Geographically Diverse Data Centers

In order to support customers who require geographic diversity of their IT infra-structure, NTT America offers Layer 2 VPN connectivity between its data centers.

Based on the NTT America VLink Layer 2 Virtual Private Network, the solution combines the flexibility and scalability of Layer 3 technology while incorporating the fixed logical traffic paths and management capabilities associated with Layer 2. This is accomplished by an IP infrastructure using Multi Protocol Label Switching (MPLS). Connection speeds range from 100 MB to 1 GB, standard, with speeds available up to 10 GB.

SERVICE ARCHITECTURE

Standard PoP architecture uses Juniper and Cisco equipment, with Cisco 6509s terminating to each Juniper T640 router with one or more 10GigE uplink connections.

SERVICE LEVEL AGREEMENT

- 100% availability PoP to PoP
- Packet loss 0.1% or less
- Average jitter 250 ms or less
- Maximum jitter will not exceed 10ms more than 0.1% of the time
- Latency will not exceed 5ms between data centers in the same metro area, 100ms coast to coast

MOVING FORWARD

Contact us today to learn more about how NTT America's hosting services can provide the flexibility and scalability your IT infrastructure requires.

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