JioCloud

MPLS Connectivity

Overview

Meet Jio MPLS Connectivity—your high-performance, secure, and scalable network backbone to seamlessly link all your enterprise locations. This private, managed network uses Multi-Protocol Label Switching (MPLS) technology to ensure reliable data transport with guaranteed Quality of Service (QoS) for your most critical applications.

As an Infrastructure-as-a-Service (IaaS) offering, it simplifies your wide-area network (WAN), delivering a flexible solution tailored to your organization's needs. Enable flawless communication between branch offices, data centers, and cloud environments, with optimized performance for voice, video, and data.

Key Features

- **Private and secure network**
  An isolated network path, away from the public internet, ensuring superior data privacy and protection.

- **Guaranteed quality of service (QoS)**
  Prioritizes critical business traffic (e.g., voice, ERP) for consistent, predictable application performance.

- **Centralized management**
  Simplifies network administration and provides complete visibility through a unified control panel.

- **High availability and redundancy**
  Built with robust failover mechanisms to ensure maximum uptime and business continuity.

Benefits

- **Reliable, always-on connectivity**
  Maintain stable and uninterrupted communication across all your business locations.

- **Enhanced security**
  Protect sensitive data with a private, managed network infrastructure, shielded from public internet threats.

- **Optimized application performance**
  Ensure smooth operation of latency-sensitive services like voice, video, and real-time data transfer.

- **Simplified network operations**
  Reduce complexity and IT overhead with centralized management and control.

- **Effortless scalability**
  Quickly add new sites or increase bandwidth as your business evolves.

- **Cost-effective expansion**
  Avoid large capital expenditure on hardware with a flexible, pay-as-you-grow model.

Use Cases

- **Challenge**
  A large retailer faced slow POS systems, security risks with customer data, and complex scaling across hundreds of stores due to unreliable public internet.

- **Solution**
  JIio deployed a private MPLS network, linking all branches and data centers with guaranteed performance and centralized control.

- **Result**
  100% Uptime during peak sales Enhanced Security with a private, offline network 50% Less Effort on network management.