



WAN Link Performance & Strategy Report

****Location:**** CSK - Tanishq store, Kolkata

****Vendor:**** JIO

****Link Type:**** DBB

****Provisioned Speed:**** 500.0 Mbps

1. Usage Pattern Analysis

The 500 Mbps link is extremely underutilized. Average usage is only 0.20 Mbps, rising slightly to 0.35 Mbps during business hours (09:00–18:00). For 95% of the time, usage remains below 1 Mbps. A single, isolated peak of 352 Mbps was observed, which appears to be a rare anomaly rather than typical operational behavior. Overall usage is stable with no growth trend.

2. Capacity Planning Recommendations

The connection is significantly over-provisioned for current business needs. We recommend right-sizing the link to reduce costs while maintaining performance.

* ****Conservative:**** 0.8 Mbps

* ****Balanced (Recommended):**** 1 Mbps

* ****Aggressive:**** 387 Mbps

The recommended provisioning target is ****1 Mbps****, aligning capacity with actual sustained usage.

3. Performance Risks & Bottlenecks

There are no performance risks. The link operates within "Excellent" SLA parameters 100% of the time, with zero instances of congestion or approaching its capacity limits. The single usage spike did not impact performance and does not represent a recurring bottleneck risk.

Conclusion

A significant downgrade is advised to right-size the link for operational reality; the recommended new provisioning speed is ****1 Mbps****.

Visual Insights

