



WAN Link Performance & Strategy Report

****Location:**** PIT-Tanishq Store, Mumbai

****Vendor:**** SB NETWORK

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

****Business Hours:**** 10:00–18:00

****Provisioned Speed:**** 200.0 Mbps

1. Usage Pattern Analysis

The 200 Mbps link is significantly underutilized, with an average usage of only 1.60 Mbps (less than 1% of capacity). Traffic correctly aligns with business hours but remains exceptionally low. The overall usage trend is stable with minimal growth. However, the data shows highly irregular, "bursty" behavior, evidenced by an isolated peak far exceeding typical demand.

2. Capacity Planning Recommendations

This circuit is heavily over-provisioned. For 95% of the time, usage remains below 5.50 Mbps. To align costs with actual demand, we recommend right-sizing the link based on the following strategy:

* ****Conservative:**** 7 Mbps

* ****Balanced (Recommended):**** 8 Mbps

* ****Future Growth Plan:**** 10 Mbps

We suggest adopting a ****10 Mbps**** plan.

3. Performance Risks & Bottlenecks

There is no risk of congestion from normal business activity. The primary risk stems from the anomalous burst traffic, which recorded a peak of 1780 Mbps, far exceeding the provisioned speed. While extremely infrequent, this indicates a potential device misconfiguration or unmonitored process that could cause instability. Investigation into the source of these bursts is advised.

Conclusion

The link should be downgraded to a ****10 Mbps**** plan to achieve significant cost savings without impacting operational performance.

Visual Insights

