



WAN Link Performance & Strategy Report

****Location:**** Bhiwandi-OLD-CFA-146-branch, Bhiwandi
****Vendor:**** SATELLITE NETCOM PRIVATE LIMITED
****Link Type:**** DBB
****Business Hours:**** 09:00–18:00
****Provisioned Speed:**** 200.0 Mbps

1. Usage Pattern Analysis

The link is severely underutilized, with average usage at less than 1% of its 200 Mbps capacity. Usage follows a standard business pattern, peaking at an average of 3.48 Mbps during business hours. An anomalous, isolated peak of 683.78 Mbps was recorded, far exceeding normal patterns but lasting only two minutes. Otherwise, sustained usage is consistently low, with 95% of all traffic falling below 7.51 Mbps.

2. Capacity Planning Recommendations

The circuit is significantly over-provisioned. Based on a sustained 95th percentile usage of 7.51 Mbps, we recommend right-sizing the link to align with actual demand and optimize costs.

- ****Conservative:**** 9.0 Mbps
- ****Balanced (Recommended):**** 11 Mbps
- ****Aggressive:**** 752 Mbps

Our recommended provisioning speed is ****11 Mbps****.

3. Performance Risks & Bottlenecks

The primary risk is financial inefficiency due to extreme over-provisioning, not network congestion. The brief, anomalous burst that exceeded the provisioned limit suggests a potential rate-limiting misconfiguration or a burstable link feature. However, given its infrequency, it does not pose a consistent performance threat to business operations.

Conclusion

The link should be significantly downgraded to optimize costs, with a recommended new provisioning target of 11 Mbps.

Visual Insights

