



WAN Link Performance & Strategy Report

****Location:**** TCLRON-RO-DELHI, Delhi

****Vendor:**** TCL

****Link Type:**** ILL

****Business Hours:**** 09:00–18:00

****Provisioned Speed:**** 100.0 Mbps

1. Usage Pattern Analysis

The 100 Mbps circuit is significantly underutilized, with average usage at only 1.5% of its provisioned capacity. Traffic peaks appropriately during business hours but remains low. An extreme peak of 2363 Mbps was recorded, which is a critical anomaly that suggests a data collection error or a massive, uncontrolled traffic burst, as it far exceeds the link's physical limit.

2. Capacity Planning Recommendations

This link is heavily over-provisioned. We recommend right-sizing the circuit to align with actual demand, which consistently stays below 10 Mbps over 95% of the time.

- ****Conservative:**** 8.0 Mbps
- ****Balanced:**** 10 Mbps
- ****Aggressive:**** 2600 Mbps (Note: Skewed by the anomalous peak)

The suggested provisioning speed is ****10 Mbps****.

3. Performance Risks & Bottlenecks

While daily performance is excellent and congestion is not a recurring issue, the anomalous peak presents a significant risk. This event indicates a potential unmanaged traffic source, a compromised device, or a monitoring misconfiguration that requires immediate investigation to prevent future service-impacting incidents.

Conclusion

The link should be downgraded to a ****10 Mbps**** plan to achieve significant cost savings while comfortably supporting documented usage patterns.

Visual Insights

