LinkEye

WAN Link Performance & Strategy Report

Location: Hosur-Taneira-WH, Hosur
Vendor: TCL
Link Type: ILL
Business Hours: 09:00–18:00
Provisioned Speed: 100.0 Mbps

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1. Usage Pattern Analysis

The 100 Mbps link is significantly underutilized, with average usage at just 0.85 Mbps (less than 1% of capacity). Traffic follows a standard business pattern, peaking during work hours, but even this sustained peak averages only 6.31 Mbps. The recorded maximum peak of 1065 Mbps is an extreme anomaly, likely a data-collection error, and is not representative of typical demand. The link is effectively idle over 99% of the time.

2. Capacity Planning Recommendations

The circuit is heavily over-provisioned. We recommend right-sizing the link based on the 95th percentile usage of 2.95 Mbps, which reflects consistent operational demand.
- **Conservative:** 3.5 Mbps
- **Balanced:** 4 Mbps
- **Aggressive:** N/A (Data skewed by anomaly)

We suggest adopting a 5 Mbps plan, which aligns with the balanced strategy while including a buffer for future growth.

3. Performance Risks & Bottlenecks

Despite low overall usage, the data shows brief, intense bursts that caused 32 minutes of high utilization (>90%). The current 100 Mbps capacity easily absorbs these spikes. The anomalous peak reading exceeding the provisioned speed warrants a monitoring tool audit, but it does not indicate a need for higher capacity.

Conclusion

The link is severely over-provisioned and should be downgraded to a 5 Mbps circuit to achieve significant cost savings while comfortably supporting all operational needs.

Visual Insights