



WAN Link Performance & Capacity Report

****Location:**** AVM-HSR-JEW-VENDOR, hosur

****Vendor:**** TCL

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

****Business Hours:**** 09:00–18:00

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

1. Usage Pattern Analysis

This link is significantly underutilized. Average usage is only 0.16 Mbps, with peak demand reaching just 23.8 Mbps (23.8% of capacity). Usage remains below 1 Mbps for over 99% of the time, indicating the circuit is mostly idle. Traffic patterns are stable 24/7, with slightly more data (59.2%) transferred outside of standard business hours, suggesting automated or background processes are the primary drivers of usage.

2. Capacity Planning Recommendations

The current 100 Mbps circuit is severely over-provisioned. Based on sustained usage patterns, we recommend right-sizing the link to better match demand.

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

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

* ****Aggressive:**** 26 Mbps

A 1 Mbps plan would safely handle current traffic while providing a sufficient buffer for growth.

3. Performance Risks & Bottlenecks

There is zero risk of network congestion or performance degradation. Usage has never approached the capacity limit, and with a declining usage trend, no bottlenecks are anticipated. The link's performance is excellent due to the vast unused capacity.

Conclusion

The link is heavily over-provisioned and should be downgraded to a ****1 Mbps**** plan to align capacity with actual business needs and generate cost savings.

Visual Insights

