LinkEye

Network Performance & Capacity Report

- **Location:** MARS-HSR-JEW-VENDOR, hosur
- **Vendor:** TCL
- **Link Type:** Broadband
- **Business Hours:** 09:00–18:00
- **Provisioned Speed:** 100.0 Mbps

---

1. Usage Pattern Analysis

The 100 Mbps link shows extremely low and stable usage, averaging just 0.18 Mbps. An isolated peak reached 16.38 Mbps, but sustained usage (95th percentile) remains below 1 Mbps. Traffic patterns are consistent between business and off-hours, with no periods of high demand. The link is severely underutilized, with a slightly decreasing long-term usage trend.

2. Capacity Planning Recommendations

This circuit is significantly over-provisioned. Based on sustained usage, we recommend right-sizing the link to align with actual demand and achieve cost savings.

- **Conservative:** 0.8 Mbps
- **Balanced (Recommended):** 1 Mbps
- **Aggressive:** 18 Mbps

Our recommended provisioning target is the balanced **1 Mbps** plan, which safely accommodates all typical usage patterns.

3. Performance Risks & Bottlenecks

There is currently zero risk of performance degradation or network congestion. Peak usage is well below the provisioned capacity, providing more than sufficient headroom for any unexpected traffic bursts. The link operates with 100% SLA compliance within the 'Excellent' performance category.

Conclusion

We recommend downgrading this link to a **1 Mbps** plan to align capacity with actual usage and optimize operational costs.

Visual Insights

2 Hour Average Bandwidth Usage

Bandwidth Usage Distribution