



Network Performance & Capacity Report

Location: MARS-HSR-JEW-VENDOR, hosur
Vendor: AIRFIBER NETWORKS PVT LTD
Link Type: Broadband
Business Hours: 09:00–18:00
Provisioned Speed: 100.0 Mbps

1. Usage Pattern Analysis

The 100 Mbps link is significantly underutilized. Average usage is exceptionally low at 0.06 Mbps, with the highest recorded peak reaching only 10.14 Mbps (10.1% of total capacity). Usage is consistently stable, with slightly higher traffic during business hours. Overall, more than 89% of the provisioned bandwidth is consistently unused, indicating no irregular behavior or unexpected demand.

2. Capacity Planning Recommendations

The link is severely over-provisioned. Based on a peak usage of 10.14 Mbps, we recommend right-sizing the circuit to match actual demand.

* **Conservative:** 5 Mbps
* **Balanced:** 10 Mbps
* **Aggressive:** 15 Mbps

A 15 Mbps plan is the recommended provisioning target to safely handle peak usage while providing a buffer for future growth.

3. Performance Risks & Bottlenecks

There are currently no performance risks. The link operates with near-zero congestion, and usage has never approached a level that would cause bottlenecks or performance degradation for users.

Conclusion

This link should be downgraded to a 15 Mbps plan to align with actual usage and realize significant cost savings.

Visual Insights

