



WAN Link Performance & Sizing Report

****Location:**** Faridabad_Fragrance-CFA, Faridabad
****Vendor:**** AIRTEL
****Link Type:**** DBB
****Business Hours:**** 09:00–18:00
****Provisioned Speed:**** 200.0 Mbps

1. Usage Pattern Analysis

This link is extremely underutilized, with average usage at just 0.2% of its 200 Mbps capacity. While traffic is higher during business hours, sustained usage remains very low. An anomalous peak of over 1100 Mbps was recorded, which is inconsistent with typical patterns, as 95% of all traffic remains below 2.3 Mbps.

2. Capacity Planning Recommendations

The link is severely over-provisioned. Based on a 95th percentile usage of 2.27 Mbps, a significant downgrade is warranted to optimize costs. Recommended sizing options are:

- ****Conservative:**** 2.7 Mbps
- ****Balanced (Recommended):**** 3 Mbps
- ****Aggressive:**** 1214 Mbps

We suggest adopting the ****3 Mbps**** balanced plan.

3. Performance Risks & Bottlenecks

There is no immediate risk of network congestion due to the massive available headroom. However, the extreme peak usage (1103 Mbps) that briefly surpassed the provisioned limit needs investigation. While infrequent, understanding this burst behavior is crucial to rule out misconfigurations or security anomalies before rightsizing the circuit.

Conclusion

This link is severely over-provisioned and should be downgraded to ****3 Mbps**** to align with sustained usage patterns and reduce operational costs.

Visual Insights

