



WAN Link Performance & Strategy Report

****Location:**** Bhiwandi-NEW-CFA, Bhiwandi
****Vendor:**** RELIANCE JIO INFOCOMM LIMITED
****Link Type:**** ILL
****Business Hours:**** 09:00–18:00
****Provisioned Speed:**** 20.0 Mbps

1. Usage Pattern Analysis

Analysis of the 20 Mbps circuit reveals extremely low, consistent utilization. Average usage is less than 1% of the available capacity, with negligible difference between business and off-hours. While usage is generally flat, the link experienced a brief, isolated peak of 12.87 Mbps. Overall, the link is severely underutilized.

2. Capacity Planning Recommendations

The link is significantly over-provisioned. Sustained usage is minimal, warranting a major downgrade for cost optimization. To safely accommodate the highest observed peak, we propose the following provisioning strategy:

* ****Conservative:**** 15 Mbps
* ****Balanced (Recommended):**** 15 Mbps
* ****Aggressive:**** 10 Mbps

We recommend right-sizing the link to ****15 Mbps****.

3. Performance Risks & Bottlenecks

There are currently no performance risks. The link operates with 100% SLA compliance in the "Excellent" category. With peak usage reaching only 64% of capacity and zero instances of congestion, there are no bottlenecks with the current setup.

Conclusion

The link is heavily over-provisioned and should be downgraded to a 15 Mbps plan to achieve significant cost savings while safely covering all observed usage peaks.

Visual Insights

