



## WAN Link Performance & Strategy Report

**\*\*Location:\*\*** Lucknow-CFA, Lucknow  
**\*\*Vendor:\*\*** TATA COMMUNICATIONS LIMITED  
**\*\*Link Type:\*\*** Broadband  
**\*\*Business Hours:\*\*** 09:00–18:00  
**\*\*Provisioned Speed:\*\*** 200.0 Mbps

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### 1. Usage Pattern Analysis

The 200 Mbps link is extremely underutilized. Network traffic is consistently low and stable, with average usage at a mere 0.07 Mbps. While usage is slightly higher during business hours, it remains negligible. The highest recorded peak was a brief 25.3 Mbps, consuming only 12.7% of the total available capacity. There are no periods of sustained high demand or concerning usage anomalies.

### 2. Capacity Planning Recommendations

The link is significantly over-provisioned. Current usage patterns do not justify a 200 Mbps circuit. A right-sized plan based on actual peak demand will yield substantial cost savings.

\* **\*\*Conservative:\*\*** 25 Mbps  
\* **\*\*Balanced (Recommended):** 30 Mbps\*\*  
\* **\*\*Aggressive:\*\*** 50 Mbps

We recommend adjusting the provisioning to the balanced target of 30 Mbps.

### 3. Performance Risks & Bottlenecks

There are no performance risks. The link operates with near-total excess capacity, meaning zero risk of congestion, slowdowns, or SLA violations. The primary business risk is the financial expenditure on unused bandwidth.

### Conclusion

The link should be downgraded to a **\*\*30 Mbps\*\*** plan to align with demonstrated peak usage and optimize operational costs.

## Visual Insights

