



## WAN Link Performance & Sizing Report

**\*\*Location:\*\*** Nagpur CFA, NAGPUR  
**\*\*Vendor:\*\*** ONEOTT ENTERTAINMENT LIMITED  
**\*\*Link Type:\*\*** DBB  
**\*\*Business Hours:\*\*** 09:00–18:00  
**\*\*Provisioned Speed:\*\*** 100.0 Mbps

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### 1. Usage Pattern Analysis

The link is significantly underutilized, with average usage at only 0.5% of its 100 Mbps capacity. While usage increases during business hours (averaging 1.22 Mbps), it remains very low. The connection experiences rare, extremely brief peaks, with one instance reaching 98.3% capacity for just one minute.

### 2. Capacity Planning Recommendations

This link is severely over-provisioned. Based on sustained usage, where 95% of the time the demand is below 3.00 Mbps, a drastic reduction is advised.

- **\*\*Conservative:\*\*** 3.6 Mbps
- **\*\*Balanced (Recommended):\*\*** 4 Mbps
- **\*\*Aggressive:\*\*** 108 Mbps

We suggest re-provisioning to the balanced target of 4 Mbps.

### 3. Performance Risks & Bottlenecks

There is no immediate risk of network congestion. The high peak usage is an anomaly rather than a regular pattern, indicating that current performance is excellent and meets all service level agreements. The primary risk is financial inefficiency due to excessive, unused capacity.

### Conclusion

We recommend downgrading this link from 100 Mbps to a new provisioned speed of 4 Mbps to align costs with actual usage.

## Visual Insights

