

AT&T Dedicated Internet (ADI) Technical Verification Checklist

This checklist will assist customers in verifying and understanding critical technical parameters to ensure timely service delivery and successful service activation.

NOTE: This does not apply to ADI on Light Speed (ADIoLS)

ADI Express

1. Port & VLAN Speeds are the same
2. Default assignment of IP blocks
 - I. WAN /30
 - II. LAN /29
3. VLAN tagging is ARPA only.
4. IP Version is Dual Stack which supports standard V4 addressing
5. The Routing Protocol is STATIC.
6. AT&T Managed router comes with four LAN interfaces.
7. A "Telephone Number for Router Access" is required for remote access. If your customer does not provide one now, they will be asked to provide one during provisioning.
8. Optical and electrical interfaces are supported as follows:
 - A. Low Speed ($\leq 1000\text{Mbps}$)**
 - i. 100Base-TX (electrical) - 100Mbps for ADI speeds $\leq 100\text{Mbps}$ and distances ≤ 100 meters between demarcation and customer suite
 - ii. 1000Base-SX (multi-mode fiber) - 1000Mbps for distances up to 220 or 550 meters between demarcation and customer suite, depending on the fiber diameter
 - iii. 1000Base-LX (single-mode fiber) - 1000Mbps for distances up to 5 kilometers between demarcation and customer suite
 - B. High Speed ($\geq 2\text{Gbps}$ and $\leq 10\text{Gbps}$)**
 - i. 10GBase LR SMF
 - C. Ultra-High Speed ($> 10\text{Gbps}$ and $\leq 100\text{Gbps}$)**
 - i. 100GBase SR4
 - ii. 100GBase SR10
 - iii. 100GBase LR4
 - iv. 100GBase ER4
 - v. 100G OTU4 LR4
 - vi. 100G OTU4 ER4

ADI Express for Puerto Rico and Mexico

1. 10MB to 100MB uses either an optical or electrical interface
2. Over 100MB uses an Optical Interface only.