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ADTRAN

934

SD-WAN Edge Appliance



Benefits

- Last-mile access and cloud gateway redundancy provides maximum reliability and guaranteed uptime.
- Same IP Address Failover assures a smooth circuit failover without disruption.
- Intelligent Load Balancing monitors circuit conditions in real-time to match application traffic needs relative to circuit performance.
- Dynamic, bidirectional QoS enables enterprise-grade service over non-SLA circuits
- Pre-configured for plug-and-play install

Overview

ADTRAN's cloud-based SD-WAN works in conjunction with the on premises ADTRAN 934 SD-WAN edge appliance.

Unlike box-only solutions, ADTRAN leverages both an on-site appliance and a dedicated backbone network, controlling traffic both to and from the cloud.

The ADTRAN 934 SD-WAN edge appliance connects your business to our Cloud Access Network using up to four different Internet WAN circuits. This appliance is designed for easy, IT-free setup and installs quickly and transparently on the WAN side of your existing firewall without any changes to your existing security solution or policies.

Redundancy

For maximum reliability, multiple broadband Internet connections connect to multiple, geographically diverse cloud gateway clusters. ADTRAN's multilayer redundancy protects cloud-enabled businesses from both access and gateway service interruptions. Leveraging physically diverse connections from unique providers offering fiber and cable, DSL or wireless connectivity further strengthens resiliency.

Same IP Address Failover

ADTRAN's SD-WAN service offering includes static IP addresses. When traffic switches between ISP connections, your public IP address doesn't change. VPNs, remote desktop sessions, SSH sessions, VoIP calls, web presentation, and every other cloud application continues to operate without interruption.

Intelligent Load Balancing

Each Internet circuit that you plug into the ADTRAN 934 is measured 10 times per second in both directions. This provides sub-second monitoring of multiple circuit metrics, including:

- Latency
- Jitter
- Packet Loss
- Capacity

This provides a complete picture of the performance of each circuit, which allows the ADTRAN 934 to load balance your traffic in real time according to circuit conditions and application needs.

Dynamic QoS

ADTRAN's cloud-based SD-WAN system is continually monitoring each of your Internet connections. Based on changing circuit conditions and QoS settings, rate limits are adjusted in real time to give your traffic the best possible experience.

Our unique network architecture and SD-WAN technology optimizes application performance across multiple ISP connections giving you the site-to-cloud architecture you need to keep your business running and your users happy.

ADTRAN 934

Product Specifications

Physical Interfaces

- WAN ports: 4 - 10/100/1000Base-T RJ45 ports
- LAN ports: 1 - 10/100/1000Base-T RJ45 port
- Management interfaces:
 - ◆ 2 - USB 2.0 ports
 - ◆ 1 - 10/100/1000Base-T RJ45 Console port

System Features

- CPU Platform: Intel Atom
- Throughput: 100Mbps/100Mbps

Status LEDs

- Power
- Status
- Mass Storage

Physical

- Chassis: 1U, 19" Rack or wall mountable metal enclosure
- Dimensions: 7 x 5.8 x 1.75 in. (177.8 x 147.3 x 44.5 mm) (W x L x H)
- Power: 100-240VAC, 50/60Hz
- Draw: 35W
- Fan: none

Agency Approvals

- FCC
- CE
- ROHS

Warranty

- 1 year

Ordering Information

Equipment	Part No.
ADTRAN 934 SD-WAN Edge Appliance	1701934F1



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TL91270

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