METRO LIGHTSPEED

SECURITY FEATURE BRIEF

SECURE YOUR DATA IN TRANSIT

Organizations are challenged with putting safeguards in place to protect their valuable digital information. However, the reliance on internet and networks in today's business environment means an ever-increasing risk of network intrusion and data loss. As data zaps around the globe in milliseconds, do you really know if your data is secure?

SD-WAN: ENCRYPTION PROTECTS YOUR DATA

Encryption is the most important privacy-preserving technology available. It protects your data when it's sitting on your computers and when it's being delivered around the internet.

Implementing encryption is essential and Metro Lightspeed offers DTLS in two cipher strengths - AES128, and AES256 to guard the packets that pass over your various network connections.

YOU TAKE NETWORK SECURITY SERIOUSLY, AND SO DO WE

In addition to standard encryption, SDWAN Internet technology distribute packets across multiple internet connections. The data packets from the LAN are distributed across all available circuits. Even if an attacker manages to intercept the packets on one of your individual Internet connections, only a small fragment of the entire traffic stream can be captured. The packets are re-combined in the SD-WAN head-end and the combined traffic is authenticated by the receiving server with a hash-based message authentication code (HMAC, from RFC2104). This ensures an attacker can't intercept, modify, or forge messages sent between your sites.

SDWAN INTERNET BENEFITS

FIREWALL
Monitor and control the incoming and outgoing network traffic to identify overall network capacity and enforce entry/exit rules associated with applications.

TRAFFIC DISTRIBUTION
Packets are distributed across multiple circuits, networks and even transmission media making physical intercepts like "man-in-the-middle" much less likely to be successful.

Encrypt communications to ensure privacy and security end-to-end with a choice of two industry-standard algorithms:

- AES 128
- AES 256

Each circuit in an SD-WAN tunnel has its own encryption session. Sessions renegotiate their security keys hourly by default.

CONTACT METRO LIGHTSPEED TODAY

enquiry@metrolightspeed.my • 6017-4127070 • metrolightspeed.my