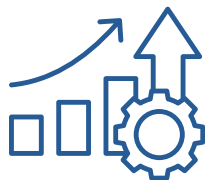


WAN Link Load Balancing and Aggregation



This is a networking solution featuring proprietary technology and capabilities that can significantly enhance the internet browsing experience as well as the user experience with site-to-site VPNs and SD-WAN.

Implementation of Peplink at an international school operating in Maputo



With the growing demand for digital services at the school, combined with the increasing number of students each year—which led to an increase in the number of classrooms—the school needed a modern solution that would meet its needs for connectivity, load balancing, and link aggregation from internet service providers.

The institution had been using an outdated solution that had already been declared end-of-life by the manufacturer; similarly, the technical team faced limitations in accessing and managing this equipment.

CHALLENGE

The main challenge facing this educational institution was:



Ensure that both internet service providers are used simultaneously;



Ensure comprehensive management and provide greater control over the institution's core network devices;



Ensure external access to internal resources through a reliable and easy-to-configure VPN;



Enable WAN link aggregation in communications



SOLUTION

To address these challenges, DSSI provided and implemented the Peplink solution within this educational institution's infrastructure.

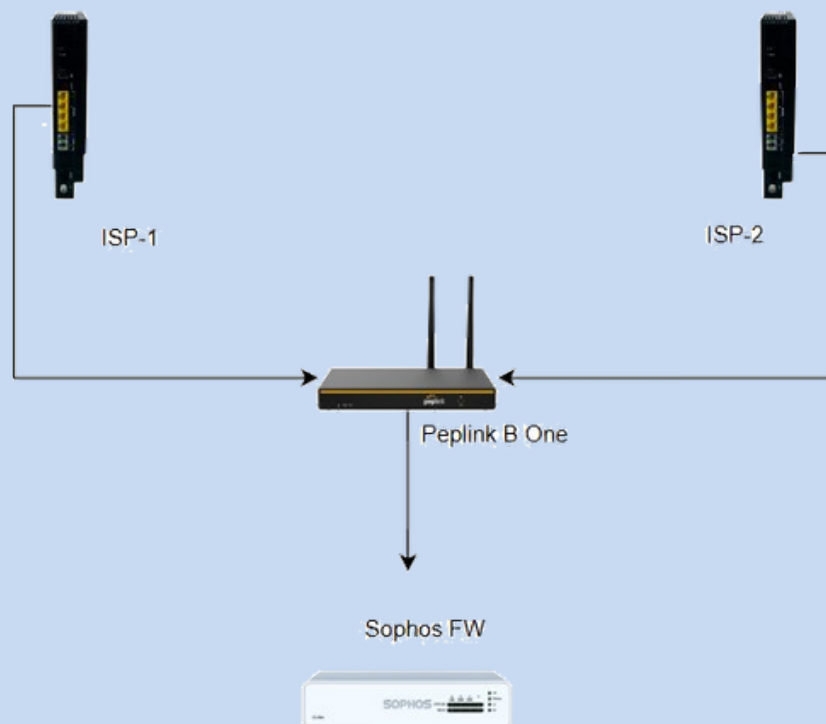
- ✓ The Peplink B One was deployed at this educational institution.
- ✓ The Peplink B One is a networking device that provides redundancy, internet link aggregation, and load balancing.
- ✓ It is a reliable, cost-effective SD-WAN solution capable of aggregating multiple WAN links and ensuring QoS based on business needs.

RESULT

After installing the Peplink B One solution, both internet connections were connected to this device.

- ✓ Centralized management via a GUI interface (direct connection to the device) or the web (via Incontrol);
- ✓ Ability to access internal resources via an SSL VPN configured on the following device (Sophos FW);
- ✓ Combining the two web links available at the institution;
- ✓ Configuring internet access rules.

IMPLEMENTATION DIAGRAM



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