OPENGEAR - SD-WAN & Out-of-Band: A Smart Solution

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WHITE PAPER

SD-WAN and Out-of-Band: A Smart Solution

Modern networks need to be optimized and flexible enough to handle the need for ever-increasing bandwidth. At the same time, network costs have to be manageable. It's no wonder that so many network managers are turning to Software Defined Wide Area Networks (SD-WAN). This paper takes a look at the advantages and the growing pains of SD-WAN and offers advice on creating a reliable SD-WAN with Out-of-Band (OOB) management.

Modern networks are utilizing Software-Defined Wide Area Networks (SD-WAN) to increase flexibility, reduce costs and secure connections of standard broadband. Providing the ability to dynamically choose the most efficient traffic route, SD-WAN routers are more sophisticated requiring more firmware updates which can create more opportunities for challenges to arise.

This whitepaper delves into the benefits and challenges of SD-WAN and how Smart Out-of-Band (Smart OOB?) can be used to minimize truck rolls, decrease disruptions and address points of failure to provide organizations with enterprise-grade WAN.

This whitepaper discusses:

- Reducing downtime by using Smart OOB access to detect outages immediately allowing staff to bring the network back up as soon as possible.
- Allowing for always-on access by Smart OOB to rapidly identify and remediate issues between dispersed internet-connected devices and remote infrastructure.
- Providing cellular OOB with a connection independent of the data path.