

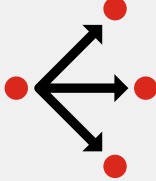
SERVICE BRIEF

Achieve Optimal Digital Experience with the SD-WAN Underlay Performance Monitoring Service

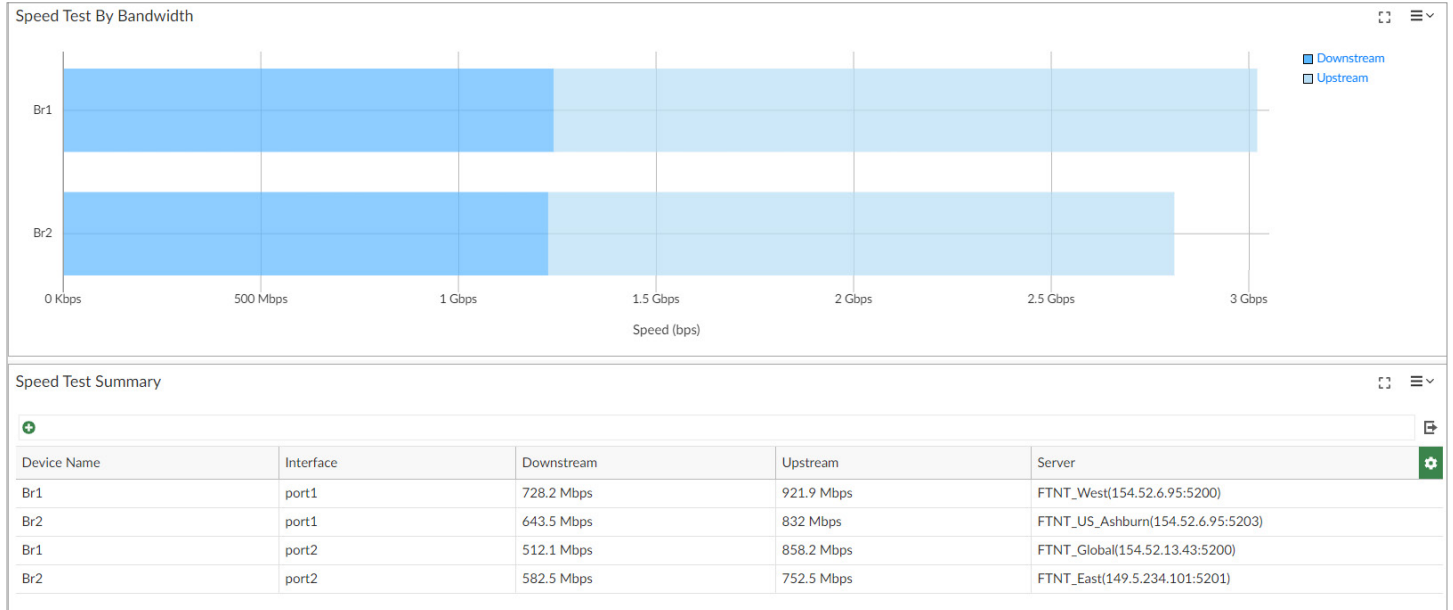
Executive Summary

IT teams strive to achieve operational efficiency while simultaneously enhancing the user experience. SD-WAN can help organizations more easily and cost-effectively deliver the quality digital experiences demanded by employees and customers. However, to achieve this, teams must have centralized visibility into performance trends, be able to categorize locations based on performance, and determine the best- and worst-performing ISP links.

With the Fortinet Underlay Performance Monitoring Service, IT teams gain access to accurate and meaningful insights into most popular SaaS applications and cloud destinations. It also furnishes comprehensive information about ISP performance on a networkwide scale, thereby empowering IT teams to intelligently prioritize traffic. Ultimately, this leads to the best-possible user experience.



“Enterprises are seeking easier management of their wide area network connectivity to improve application performance and user experience with SD-WAN.”¹



Underlay Performance Monitoring for SD-WAN

Fortinet Underlay Performance Monitoring integrates with FortiManager and FortiAnalyzer to deliver centralized visibility, providing insights into underlay performance trends across the entire network. This includes SD-WAN underlay bandwidth and quality monitoring, along with a dedicated device speed-test service. This empowers IT teams to swiftly prioritize network and application traffic and efficiently address any operational issues that may arise.



This service features a full suite of underlay monitoring capabilities, including:

- The **device speed** test can be executed from FortiManager and charted on a map for easy viewing of performance.
- The **underlay setup wizard** leverages Fortinet best practices to make SD-WAN setup easy and efficient, even without trained IT staff.
- The **underlay monitoring dashboard** lets organizations monitor underlay performance and application performance from a single intuitive dashboard.
- The **FortiGuard performance SLA database** includes hundreds of preconfigured SaaS and cloud application workloads with recommended SLA thresholds so organizations can easily create service level agreements for ISP link performance. This reduces time spent on setup, curtails the chance of configuration errors, and ensures organizations are getting the most out of their applications.
- **Application performance scoring** uses advanced analytics to measure the complete end-to-end user experience for applications and pinpoint granular issues within the network, reducing time to remediation.

Summary

The Fortinet Underlay Performance Monitoring Service offers centralized visibility into the entire network to enable IT teams to prioritize network and application traffic and efficiently address any operational issues. By equipping IT teams with real-time critical bandwidth data, they can hold ISPs accountable for promised services, resolving operational issues. This ultimately improves the overall user experience.

¹ Geoff Dornan, "[Maximising SD-WAN Performance: Strategies for Overlay and Underlay Networking](#)," Digitalisation World, January 2023.