

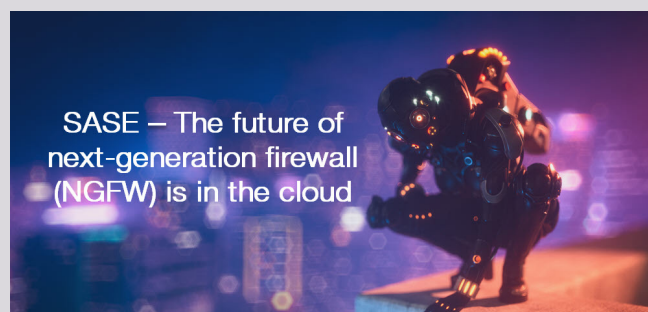
Secure Access Service Edge (SASE)

Elastic Applications and Security Services Validation

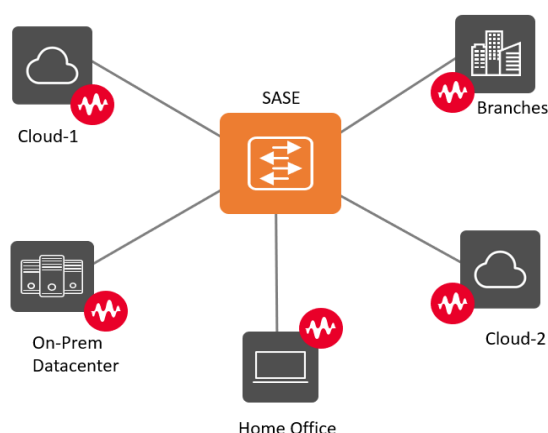
Keysight's CyPerf is the world's first agent-based test solution that recreates every aspect of a realistic workload across a variety of physical and cloud environments to deliver insights into end user experience, cybersecurity posture, and performance bottlenecks of distributed networks. Test agents send application and attack traffic simultaneously through SASE solutions to validate the security efficacy of your SASE offerings and their impact on traffic performance.

Challenges to Validate Performance and Security of SASE Solutions

- Maintain resiliency of SASE SD-WAN tunnels, debug and remediate tunnel disappearance and flapping, and other inconsistencies
- Measure key performance indicators like latencies and quality of experience and accurately attribute the delays/drops to factors like network, geographical distribution, SASE features, and cloud
- Demonstrate to customers the immediate value of SASE through live-traffic proof of concepts (POCs)
- Balance performance and protection for business continuity without compromised security
- Validate security efficacy of SASE offerings like URL filters, application controls, intrusion prevention systems (IPS), TLS inspection, and sandboxing



CyPerf—Your Solution to Ensuring High-Performing SASE



CyPerf agents distributed in multiple locations to measure SASE security

- Deploy resilient SD-WANs by testing with distributed agents deployed in physical and cloud environments
- Emulate attacks to test security features like exploit detection / blocking, application profiling / blocking, malware mitigation, URL filtering, TLS inspection
- Generate application and attack traffic through distributed test agents to evaluate the performance / latency costs of security features, conduct demos and POCs, and verify SLAs and change-management
- Leverage diverse application simulation to validate unique SASE offerings like application shaping, policing, and control