SOLUTION BRIEF

OVERVIEW

AppNeta for Symantec Network Security provides active synthetic network and application testing combined with packet visibility to proactively address performance issues for any environment.

KEY BENEFITS

- Drive success of cloud, SaaS, and Internet transformation
- Make IT teams more efficient
- Enhance the end-user experience
- Deliver work from anywhere with performance visibility

KEY FEATURES

- Active and passive monitoring
- Unmatched granularity and accuracy with low overhead
- Flexible deployment for every office, user, and cloud
- Visibility for both end-user and corporate environments

AppNeta by Broadcom

AppNeta for Symantec® Network Security

Digital Experience Monitoring for Cloud Transformation and Hybrid Work

Overview

To advance their digital transformations, organizations continue to migrate to the cloud to support work-from-anywhere and hybrid environments. Given these shifts, network security is of paramount importance. To ensure transformation success and employee productivity, it is also critical to monitor the digital end-user experience. By gaining end-to-end visibility of the network experience, from the end-user through the security cloud to cloud and SaaS applications, IT can more efficiently and proactively deliver the access and experience users demand. AppNeta® by Broadcom® Software provides essential digital experience monitoring that complements Symantec® Network Security solutions.

Business Challenges

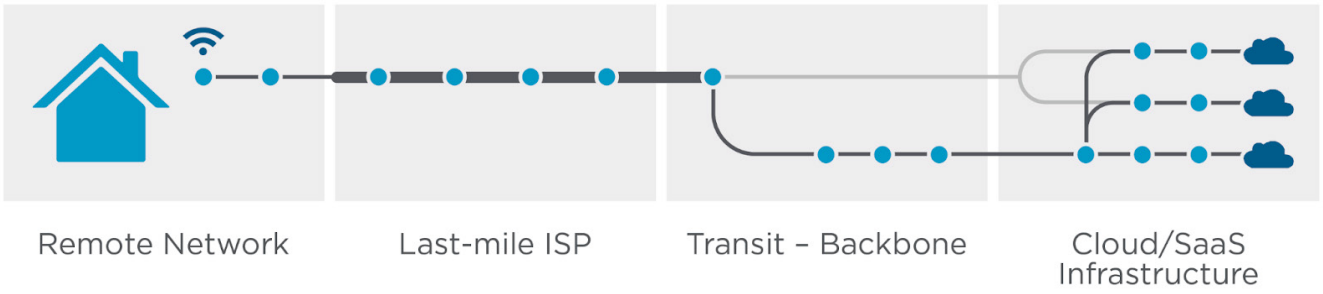
Today's operations teams are seeing their enterprise networks extend out over the Internet as organizations speed their adoption of cloud services, SaaS applications, and work-from-anywhere approaches. In parallel, web security solutions continue to evolve to adapt to the changing landscape. In addition to traditional secure web gateways (or proxies), teams are employing new zero-trust approaches that utilize a secure access service edge (SASE) model. Through these approaches, organizations can provide a secure doorway to the Internet, enabling a safe and productive user experience. With the move to distributed security models, organizations often have a mix of on-premises and cloud deployments, and must ensure visibility across these hybrid environments.

Despite this complexity, users expect consistent, responsive direct-to-web access. Organizations need to ensure that the user experience is not negatively affected by the move to a SASE approach. However, there is often a gap between what IT sees and the actual user experience. Further, for teams using traditional monitoring tools, blind spots often exist within modern environments. Often, network issues that arise elsewhere are misperceived as *SASE* problems, resulting in longer mean time to identify (MTTI). In large complex networks, unintended changes or changes outside the control of network security administrators can be an all-too-common cause of issues. It is critical that network operations teams gain the end-to-end visibility required for these evolving environments. Adopting digital experience monitoring can help.

Solution Overview

AppNeta for Symantec Network Security solutions features AppNeta TruPath™ technology that provides complete network and application visibility for cloud, on-premises, and hybrid architectures. This solution offers support for Symantec Web Protection, Symantec Cloud Proxy (formerly Web Security Service), Symantec Edge Proxy (formerly ProxySG), and Advanced Secure Gateway. For pure cloud-delivered security solutions, such as Symantec Cloud Proxy, AppNeta offers a number of unique benefits.

Network and Application Visibility for Cloud, On-premises, and Hybrid Architectures



With the solution, IT can perform the following tasks:

- Compare real-time performance of underlay versus overlay tunnels
- Monitor critical cloud apps and SLA adherence
- Onboard new cloud applications successfully
- Extend support to last-mile ISP and local WiFi/5G/LTE for roaming users

AppNeta helps organizations to quickly migrate to cloud-delivered security, allowing network and security operations to support their end-users at every step. For traditional on-premises-based security solutions, such as Symantec Edge Proxy and ASG, AppNeta offers specific capabilities that provide the following advantages to IT:

- Reduce MTTI by quickly determining if a problem is related to the proxy or associated with another part of the network.
- See the entire network, including complex on-premises environments that include firewalls, WAN routers, SD-WANs, dual-carrier WAN links, split path/asymmetric routing, and so on. AppNeta for Symantec Network Security solutions features AppNeta TruPath technology that provides complete network and application visibility for cloud, on-premises, and hybrid architectures.
- Access advanced capabilities that offer detailed proxy performance processing, enabling teams to determine cost and latency at each step of the proxy transaction.
- Apply advanced capabilities to continuously validate policy, and to monitor and verify acceptable use and threat risk levels, leveraging insights from the Symantec Global Intelligence Network.

Customers that maintain advanced or complex on-premises based solutions with traditional security infrastructure can leverage AppNeta to apply operational best practices and reduce MTTI.

Finally, AppNeta is uniquely poised to support hybrid cloud and on-premises deployments so IT can effectively monitor the SD-WAN and cloud-delivered networks that modern enterprises rely on. The solution allows organizations to take advantage of all the benefits of both on-premises and cloud deployments, providing key digital experience monitoring capabilities that ensure secure, high-performance access from anywhere.

Benefits

AppNeta for Symantec Network Security has the following benefits:

- **Ensure successful network transformations** – Get the visibility you need to successfully deploy Internet-first strategies, SaaS adoption and cloud migration as the needs of your business evolve.
- **Enhance end-user experience** – Keep user productivity high and reduce friction with business-critical apps through proactive monitoring. Detect network performance issues before they impact users.
- **Work more efficiently** – Instead of spending hours looking for the cause of slowdowns, you can discover issues automatically. Easily isolate the issues and act on them quickly.
- **Visualize the remote workforce** – Monitor connections from the end-user perspective to get proactive visibility into the performance of any application and every user at all locations.

For more information, please visit: www.broadcom.com/appneta

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