PARTNER SOLUTION BRIEF

Zscaler™ and Nuage Networks SD-WAN

SOLUTION OVERVIEW

Zscaler and Nuage Networks combine Zscaler's best-in-class Cloud Security Platform with Nuage Networks' Virtualized Network Services (VNS) solution to simplify how traffic is routed from the branch and make it easy to establish and secure local Internet breakouts. Together, they enable fast and secure access to websites and business-critical cloud applications from branch and remote office locations.

As more applications move to the cloud, the old approach of backhauling traffic over MPLS to a centralized Internet gateway via a hub-and-spoke architecture is no longer relevant. It is expensive and introduces unnecessary latency that negatively impacts user experience. To support a cloud transition and deliver a fast user experience, enterprise network architects are re-evaluating the design of their WAN architectures to find ways to route Internet traffic locally, and to take advantage of inexpensive broadband Internet services, often turning to Software-Defined Wide Area Networking (SD-WAN).

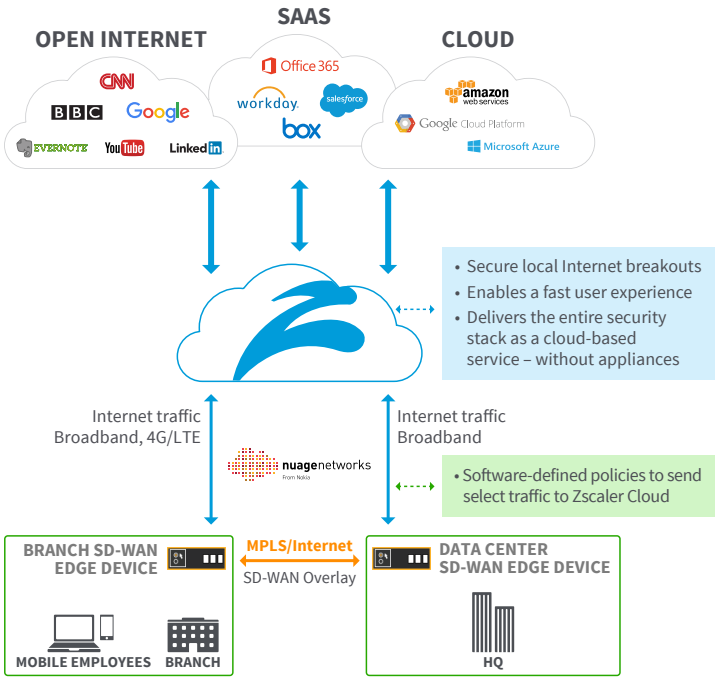
The Nuage Networks VNS solution simplifies how traffic is routed from the branch, and makes it easy to establish local Internet breakouts. Using broadband along with MPLS as the transport mechanism, software-defined policies select the best path to route traffic to connect the branch to the Internet, cloud applications, and the datacenter. By defining policies in the cloud via a single interface, organizations can easily deploy new applications and services, and manage policies across a large number of locations.

However, connecting all branch locations directly to the Internet introduces significant security risks, which are particularly challenging to manage with limited IT resources. Together, Zscaler and Nuage Networks minimize exposure to these risks by enabling customers to securely route all their Internet-bound traffic directly to the Zscaler Cloud Security Platform.

HIGHLIGHTS

- Nuage Networks VNS simplifies connecting branches to the Internet by leveraging multiple network connection types (broadband, LTE, and MPLS) to optimize traffic routing and reduce MPLS costs
- Nuage Networks VNS routes Internet traffic locally to Zscaler to enable a fast and secure user experience
- Zscaler delivers the entire security stack as a cloud-based service that eliminates the need to buy, deploy, and manage security appliances in all your branch locations
- Zscaler ensures identical protection for users wherever they connect – with policies that follow the user
- Zscaler enables organizations to define and immediately enforce security and access policies across all locations from a single console, and together Zscaler and Nuage Networks VNS allow rapid deployment of new security services in minutes, with just a few clicks

Zscaler delivers the entire security stack as a cloud service to secure Internet traffic and deliver a fast user experience— without backhauling and without deploying stacks of security appliances at each location. By routing Internet-bound traffic to Zscaler, customers can immediately begin inspecting all traffic — all ports and protocols, including SSL. Organizations can define and immediately enforce access and security policies across all locations from a single console. There is no compromising on security. Because policies follow the users to provide identical protection no matter where they connect. And, Zscaler cloud services scale elastically so you can deploy new services in just a few clicks.



ZSCALER AND NUAGE NETWORKS VNS

Zscaler and Nuage Networks make it easy to migrate from a hub-and-spoke to an Internet-only branch architecture by enabling secure local Internet breakouts. With Nuage Networks VNS, network administrators determine what traffic to route to Zscaler. Typically, all branch Internet traffic is forwarded to Zscaler, routing traffic from Nuage Networks VNS to the Zscaler Cloud Security Service using IPSec tunnels. Zscaler secures all traffic in the cloud, without security appliances. The combined Zscaler and Nuage Networks VNS solution delivers a secure, high-performance SD-WAN solution that securely connects branches to the Internet with a fast user experience.

About Zscaler | Zscaler enables the world's leading organizations to securely transform their networks and applications for a mobile and cloud-first world. Its flagship services, Zscaler Internet Access™ and Zscaler Private Access™, create fast, secure connections between users and applications, regardless of device, location, or network. Zscaler services are 100% cloud delivered and offer the simplicity, enhanced security, and improved user experience that traditional appliances or hybrid solutions are unable to match. Used in more than 185 countries, Zscaler operates a multi-tenant, distributed cloud security platform that protects thousands of customers from cyberattacks and data loss. Learn more at **zscaler.com** or follow us on Twitter @zscaler.

About Nuage Networks, a Nokia venture | Nuage Networks (www.nuagenetworks.net) brings a unique combination of groundbreaking technologies and unmatched networking expertise to the enterprise and telecommunications industries. The Silicon Valley-based business has applied radically new thinking to the problem of delivering massively scalable and highly programmable SDN solutions within and across the datacenter and out to the wide area network with the security and availability required by business-critical environments. Nuage Networks, backed by the rapidly growing IP/Optical Networks business of Nokia, has the pedigree to serve the needs of the world's biggest clouds. The cloud has made promises—the mission of Nuage Networks is to help you realize them. Discover more at **nuagenetworks.net**.

CONTACT US

Zscaler, Inc.
110 Rose Orchard Way
San Jose, CA 95134, USA
+1 408.533.0288
+1 866.902.7811

www.zscaler.com

FOLLOW US

facebook.com/zscaler
linkedin.com/company/zscaler
twitter.com/zscaler
youtube.com/zscaler
blog.zscaler.com