

### Solution overview

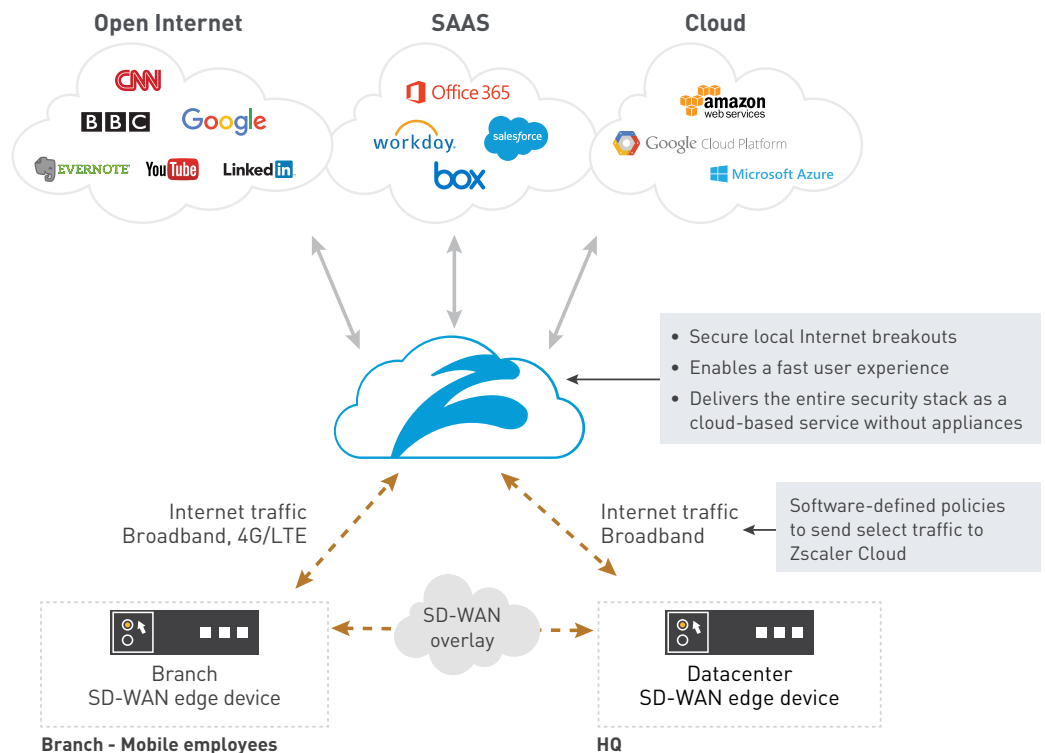
Zscaler and Nuage Networks from Nokia combine Zscaler's best-in-class Cloud Security Platform with Nuage Networks' Virtualized Network Services (VNS) solution to simplify how traffic is routed from the branch and make it easy to establish and secure local Internet breakouts.

Together, they enable fast and secure access to websites and business-critical cloud applications from branch and remote office locations.

### 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

# Nuage Networks SD-WAN and Zscaler



**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.**

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).

## About Zscaler

Zscaler enables organizations to securely transform from the old world of IT, which focused on securing the internal network, to the world of cloud and mobility, where the Internet is the new enterprise network. Zscaler delivers the inbound and outbound gateway stacks as a service, providing secure access to the Internet and applications in the data center or cloud. Each day, the Zscaler cloud processes more than 30 billion requests, blocking 125 million threats for 5,000 organizations in 185 countries, and the ThreatLabZ research team provides continuous protection from new and evolving threats.

Learn more at [www.zscaler.com](http://www.zscaler.com)

## About Nuage Networks

Nuage Networks strikes at the heart of the cloud networking challenge: Choreographing datacenter and wide-area networks to maximize responsiveness, utilization and visibility. Nuage Networks delivers a highly programmable infrastructure that bridges the gap between the application-centric view and the equally important network-centric view, realizing the full power of SDN. The Nuage Networks solution combines ground-breaking SDN and virtualization techniques with unmatched networking expertise to deliver a massively scalable solution that consistently spans datacenters and remote locations. Our solution enables enterprise IT to respond instantly and securely to the demands of users and applications anywhere.

Discover more at [www.nuagenetworks.net](http://www.nuagenetworks.net) and follow us [@nuagenetworks](https://www.facebook.com/nuagenetworks)

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.

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.