AVAYA

AVAYA CLOUD
NETWORKING PLATFORM
FOR WIRELESS LAN

Avaya WLAN 9100 Series delivers wired-like performance and predictability to your mobile users and today's wireless office. WLAN 9100 cloud-based management reduces the demands on IT administrators allowing your wireless network to be deployed and administered quickly and easily. Particularly attractive for organizations that do not have large IT staffs, such as those in the mid-market, WLAN 9100 Cloud management removes the complexity and learning curve associated with deploying and operating wireless networks.

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* Avaya Cloud Networking Platform will also support Avaya switching products, planned 1H 2017.

Overview

More and more enterprises today rely on cloud delivered application services to their employees and customers. The key derivers for this growth in Cloud delivered services is simplicity of operation, speed of deployment and faster ROI with an OPEX-based model. Avaya Cloud Networking Platform* is a perfect fit for customers looking to deploy and manage their WLAN network with limited IT staff while improving overall security of their network services.

KEY BENEFITS

SIMPLICITY

Architected from ground-up to simplify every aspect of Wireless network operation, Avaya Cloud Networking Platform delivers faster deployment of access points, automated software updates and built-in RF best practices for optimal 802.11ac performance for your employees, guests and Internet Of Things (IoT) devices. A built-in reporting engine provides actionable data on wireless performance, number and type of users and their application usage.

ROBUST SECURITY

Multi-level security is fundamental to Avaya cloud architecture to ensure privacy of data and protection from external exploits. Multi-tenancy isolates customer data, and encryption prevents visibility of communications between a customer site and the cloud. User data is kept separate from management data whereby only management data enters the cloud. User data is switched locally at the access points thus maintaining complete privacy.

Additionally, Avaya Cloud Networking Platform offers advanced security features like firewall in the Access Points and Application level security policies to conform to regulations like PCI-DSS and HIPAA. Customers can create role-based access profiles for various administrators to limit access to the Cloud console.
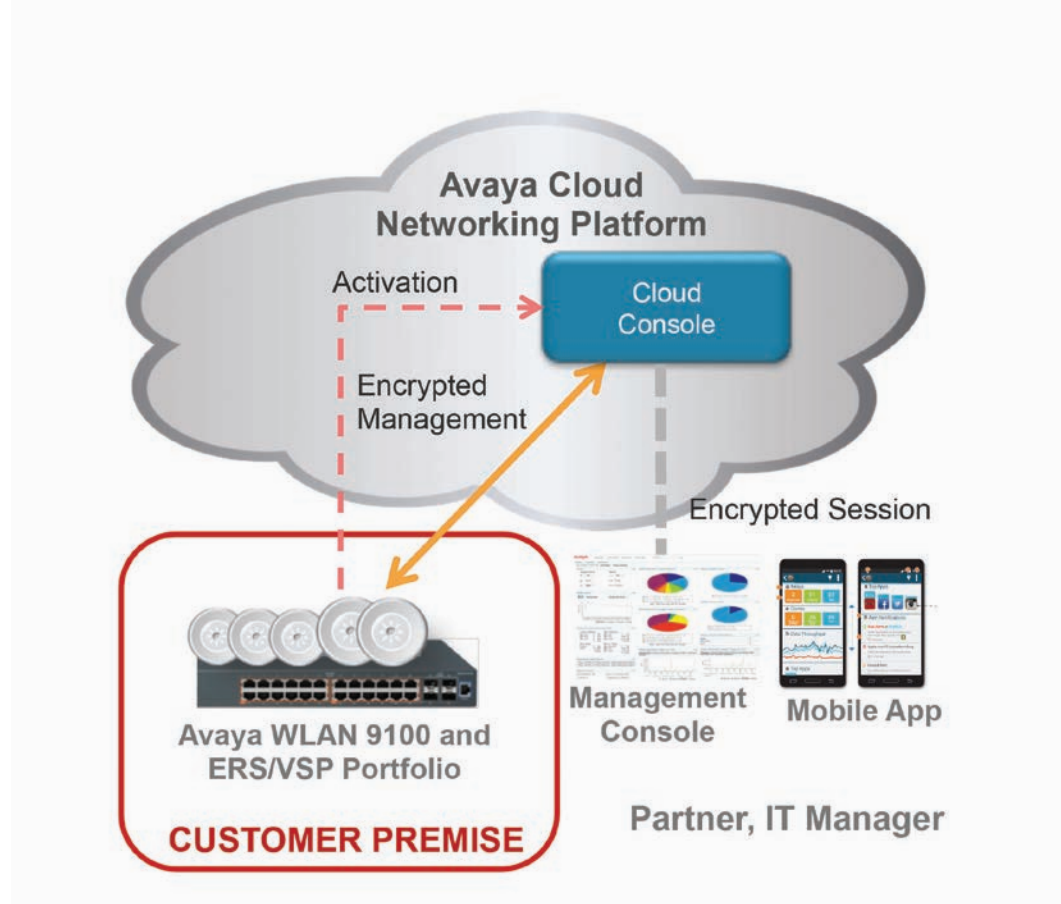
Avaya Cloud Networking Platform Architecture

AVAYA CLOUD NETWORKING PLATFORM

- Simplicity of operation

- Speed of deployment

- Faster ROI with an OPEX-based model

SCALABILITY

Built on the same massively scalable and next generation technology as used by the largest of Software as a Service (SaaS) companies, Avaya Cloud Networking Platform supports multi-tenancy and customer networks deployed with thousands of Access Points and tens of thousands of users. The cloud architecture can scale automatically to serve peak usage scenarios for example, thousands of students connecting simultaneously to wireless at the start of the day at a large university.

HIGHLY RESILIENT

Avaya wireless solution has no centralized dependencies and no single-point-of-failure. This ensures system resiliency for mission-critical applications. Avaya Cloud offers complete data center redundancy and data replication for guaranteed service availability. Cloud platform is not a failure point and APs can act autonomously even if a cloud connection is lost. All security policies and traffic are processed directly at the network edge in each AP.

ADVANCED USER AND DEVICE POLICIES

AccessPortal integrated into Avaya Cloud provides seamless access for guests, employees and IoT devices. A single dashboard helps to provision, manage, and control guest user and BYOD access with minimal to no assistance from IT. AccessPortal allows guests to self-register and self-onboard.

Avaya Personal Wi-Fi provides a secure, personal network to protect users on open Wi-Fi networks. Other features include bulk creation of credentials and integration with social media login profiles.

Additionally, multi-factor authentication methods for secure employee access are also supported by the AccessPortal.

CLOUD ARCHITECTURE

Avaya Cloud Networking Platform was developed using the latest cutting-edge web technologies to ensure a future-ready platform able to meet the growing and ever-changing needs of enterprises, educational institutions, and service providers. Avaya cloud technology includes Transport Layer Security (TLS) for robust security and firewall-friendly communications, bi-directional messaging protocols for nearly instantaneous changes and alerts, and a NoSQL distributed database to handle today's increasing performance demands.

LICENSING OPTIONS

Avaya Cloud Networking Platform offers 1, 3 or 5 year licensing options per access point. It includes Access Portal Services (Guest, Voucher, Onboarding and Personal), software for the managed APs, access to the cloud instance and technical services with 24x7 phone and web support.

AT A GLANCE

- Simplify your wireless network with best-practices based 802.11ac optimizations

- Automate operational tasks like software updates and AP deployments

- Improve agility to roll-out newer wireless service like social media based guest logins

- Advanced Security with firewall and application level control

- Robust multi-level security for privacy and data protection

About Avaya

Avaya is a leading, global provider of customer and team engagement solutions and services available in a variety of flexible on-premise and cloud deployment options. Avaya's fabric-based networking solutions help simplify and accelerate the deployment of business critical applications and services. For more information, please visit www.avaya.com**.**

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