Arista Delivers Cognitive WiFi for Collaboration, Video and Chat Applications

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Supports video conferencing applications - Google Hangouts, Microsoft Teams and Zoom

SANTA CLARA, Calif.--(BUSINESS WIRE)-- Arista Networks (NYSE:ANET), today announced a new release of its **Cognitive WiFi** software that seamlessly delivers intelligent application identification, performance optimization, automated troubleshooting and location services. This provides customers with an enhanced WiFi experience for critical video collaboration applications and the power of cloud-based AI for rapid problem resolution.

The enhanced **CloudVision®** WiFi offers real-time insight into the WiFi client journey, including the health of collaboration and video applications delivering optimal WiFi experiences through analytics and proactive remediation recommendations. Arista's WiFi foundation is based on a modern and cloud-based approach unlike traditional controller-based WiFi legacy networks with overheads.

"Arista is delivering a cognitive application dashboard for high-quality **Zoom** communications across the WiFi campus. This is assuring our joint customers an elegant client to application experience," said Janine Pelosi, Chief Marketing Officer at Zoom Video Communications.

Ease of Automation with OpenConfig

Arista is also among the industry's first to provide **OpenConfig** support for WiFi. This provides an open standards-based solution for managing, monitoring and baselining WiFi infrastructure via streaming telemetry. OpenConfig WiFi is a programmatic alternative to proprietary ways. It enables cloud and network operators to implement dynamic, scalable and automated WiFi network infrastructure by adopting the software-defined-networking (SDN) principles of OpenConfig.

Rich WiFi 6 Capabilities

By adopting the cloud principles of availability, agility, automation and analytics, the new WiFi delivers the following:

- Automated visibility of WiFi users' experiencewhile using Google Hangouts, Zoom and Microsoft Team video collaboration applications, delivering an optimal client to application experience.
- OpenConfig WiFi innovation for operational efficiency and scale, providing a standards-based management interface for WiFi access points.
- Rapid problem resolution with new Cognitive WiFi artificial intelligence and machine learning capabilities for root cause analysis on per client or a group of clients accessing an application and applying remedial action recommendations.
- New Location Services - Track location of any WiFi APs and clients on a floor; visualize WiFi associations; filter based on client or user information, or connectivity or performance issues.
- Built-in Remote Access Point Capabilities
- Easy upgrade for Arista WiFi 6 access points via software supporting uplink access (with orthogonal frequency-division multiple access OFDMA) and multi-user uplink (multiple input, multiple output MIMO) for improved investment protection.

These upgrades enhance IOT users to increase efficiency for high bandwidth applications like video collaboration assuring the optimal client to application experience.

“Recent world events have shown the importance of collaboration solutions and with these new capabilities, Arista is delivering the power of cloud-based cognitive analytics to identify, track and protect these critical business applications,” said John McCool, Chief Platform Officer and Senior Vice President of Engineering and Operations for Arista.

These enhanced WiFi capabilities are an integral part of the Arista Cognitive Campus portfolio, bringing a software-driven approach to unify wired and wireless campus access. It is built on real-time, data-driven inference engine for intuitive, simple user and operator experience.

Register **here** to learn more about Arista’s Next Generation Cognitive WiFi that unshackles the legacy controller based approach at our webinar on May 21, 2020.

To learn more about Cognitive Networking, read President and CEO Jayshree Ullal’s blog **here** and check out the **video** featuring Arista and Zoom CEOs together.

Arista Cognitive WiFi customers can receive software upgrades in Summer/Q2 2020.

About Arista Networks

Arista Networks pioneered software-driven, cognitive cloud networking for large-scale datacenter and campus environments. Arista's award-winning platforms redefine and deliver availability, agility, automation, analytics, and security. Arista has shipped more than twenty million cloud networking ports worldwide with CloudVision and EOS, an advanced network operating system. Committed to open standards across private, public and hybrid cloud solutions, Arista products are supported worldwide directly and through partners.

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