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Sonus Leads in NFV with Cloud-Optimized Session Border Controller

Sonus' SBC SWe Enables Service Providers to Unleash the Power of Real-Time Communications in Public and Private Clouds

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Key Takeaways:

- Sonus' Cloud architecture allows customers to seamlessly migrate from hardware to software, utilizing the same operational support systems (OSS) and business support systems (BSS).
- Sonus' Cloud-optimized SBC provides the same functionality and performance as its hardware SBCs in public and private Cloud deployments.
- Sonus' Cloud-optimized SBC delivers predictive scaling on-demand with automated configuration of virtual SBCs, accelerating service delivery while maximizing operational efficiency.

Sonus Networks, Inc. (Nasdaq: SONS), a global leader in secure and intelligent Cloud communications, announced today key enhancements to its Session Border Controller Software edition (SBC SWe). With these updates, Sonus' industry-leading SBC SWe allows service providers to break free from proprietary hardware and accelerate real-time communications in public and private Clouds.

Cloud communications made smarter

By using a common management and provisioning interface across its entire SBC portfolio, Sonus enables customers to migrate from hardware to software without a massive investment in their OSS and BSS infrastructures.

As customers move beyond single instance virtualization to a full Cloud implementation, an orchestration ecosystem becomes increasingly important. Sonus has proven its Cloud capabilities through collaboration testing with market-leading orchestration vendors, such as Juniper, Dorado, Hewlett Packard Enterprise and Overture/ADVA, to facilitate Virtual Network Functions (VNF) implementations.

Today, Sonus is providing customers with a true, software-only SBC that is optimized for Cloud deployments. Sonus' SBC SWe is the leading SBC in the marketplace, architected to enable and secure real-time communications in the Cloud without compromising performance or scale. The SBC SWe is software that runs on industry-standard servers in a private data-center environment as a VNF in an Openstack Cloud infrastructure, or on a public Cloud service, like Amazon AWS. No proprietary hardware or physical digital signaling processor resources are required to support any of the SBC SWe's features, including high availability, encryption, security, transcoding and routing.

The latest SBC SWe release provides the elasticity that is achievable with a Cloud deployment. Leveraging auto registration and auto configuration capabilities, the release makes it possible to instantiate a run-time ready virtual SBC, speeding up service delivery. In conjunction with system utilization and traffic analytics, Sonus now provides an essential feedback loop between virtual SBC performance and service orchestration so that on-demand instantiation can be automated to maximize operational efficiency. This release also includes innovative load balancing mechanisms to manage resource utilization across multiple SBC VNFs and is designed to ensure optimal performance of virtual SBCs in the network. Additionally, with this release, Sonus delivers network-wide licensing where a pool of session licenses can be shared across

all SBC VNF instances, enabling new service pricing models.

Quotes:

"If you look at the increase of real-time service congestion and the pervasive migration of networks to the Cloud, it is clear that our industry is changing," said Kevin Riley, Sonus senior vice president and CTO. "Sonus' strategy capitalizes on our heritage of enabling secure, reliable and scalable real-time communications, beginning with the transition from TDM to IP and now into the Cloud. Sonus has led several important network transformations and we are ideally positioned to lead our customers to the Cloud with SBC technologies that are optimized for Cloud deployments. Sonus' SBCs allow service providers to move to hybrid and pure software architectures with minimal friction and ultimately deliver services faster and win more customers."

"As more operators move to an NFV architecture, the ability to ease migration, accelerate service delivery and scale services up and down quickly are key drivers," said Diane Myers, senior research director at IHS. "By delivering a software-only, open architecture SBC that delivers auto configuration, load balancing and scales on demand, Sonus is addressing requirements for migrating to a secure NFV environment."

"NFV offers service providers and their customers the opportunity to easily deliver new services, reduce costs, and improve flexibility, especially as enterprises migrate to full-Cloud or hybrid-Cloud architectures," said Irwin Lazar, vice president and service director, Nemertes Research. "Sonus' SBC SWe enhancements allows service providers to provision functions like network performance management and optimization, session border control, and session interworking into virtual infrastructure, manageable via existing NFV OSS frameworks."

Other Facts:

- According to Nemertes Research:
  - 83% of companies already use Cloud-based collaboration services, with nearly 40% adopting IP telephony in the Cloud.
  - Anticipated cost savings, agility, and more ready access to emerging features are the primary drivers of Cloud spending.
  - 88% of companies are increasing spend this year on cloud services. Those increasing spend are doing so by a rate of 97%.

Additional Resources:

- To watch a video on Sonus' Cloud-optimized SBCs, click here.
- Click here for an overview of Sonus' Cloud and virtualization solutions.
- Interested in Cloud-optimized SBCs? Click here to view an informative infographic.
- To learn more about Sonus' SBC SWe, click here.

Tags/Keywords:

Sonus Networks, SONS, Cloud, Strategy, Session Border Controller, SBC, Software, SWe, Cloud-optimized, Networks Functions Virtualization, Virtual Network Functions.

About Sonus:

Sonus brings the next generation of Cloud-based SIP and 4G/VoLTE solutions to its customers by enabling and securing mission critical traffic for VoIP, video, IM and online collaboration. With Sonus, enterprises can intelligently secure and prioritize real-time communications, while service providers can deliver reliable, secure real-time services for mobile, UC and social applications. Sonus offers an award-winning portfolio of hardware-based and virtualized Session Border Controllers (SBCs), Diameter Signaling Controllers (DSCs), Cloud Exchange Networking Platform, Policy/Routing servers and media/signaling gateways. Visit www.sonus.net or call 1-855-GO-SONUS. Follow Sonus on Twitter, Facebook, LinkedIn, YouTube and Instagram.

Important Information Regarding Forward-Looking Statements:

The information in this release contains forward-looking statements regarding future events that involve risks and uncertainties. All statements other than statements of historical facts contained in this release are forward-looking statements. Our actual results may differ materially from those contemplated by the forward-looking statements. For further information regarding risks and uncertainties associated with Sonus' business, please refer to the "Risk Factors" section of Sonus' most recent annual or quarterly report filed with the SEC. Any forward-looking statements represent Sonus' views

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