

Oracle Secures the Network Edge for Microsoft Teams

Oracle and Microsoft have entered into a strategic partnership with the **certification of the Oracle Communications Enterprise Session Border Controller (E-SBC) with Microsoft Teams**, the next-generation collaboration hub for Office 365. With this certification, Oracle continues its journey with Microsoft, as Lync, Skype for Business and now Microsoft Teams customers, evolve their communications and collaboration infrastructure. Oracle brings its industry-leading communication products and services to provide secure, integrated and easily-managed voice services across the Office 365 and Microsoft Teams collaboration environment.

This relationship provides further assurance that the **Oracle Communications S.A.F.E. (Security, Analytics, Flexibility, Extensibility) Architecture** brings security, reliability and a better Quality of Experience to its customers' IT and network investments across on-premise, hybrid and cloud collaboration environments.

KEY MESSAGE:

Oracle is a market leader in managing and securing enterprise communication services globally. Microsoft is the largest and fastest growing UC cloud provider in the world. Together, Oracle and Microsoft offer a seamless, secure and highly-stable single- or multi-tenant environment for Microsoft Teams collaboration.

WHY ORACLE WAS CHOSEN:

- Oracle pioneered the Session Border Controller (SBC) market with the world's largest telecom providers and leveraged that experience to create its enterprise-specific SBC with the longest standing record of securing and interoperating the world's most complicated voice networks.
- Oracle has unsurpassed communications technology leadership:
 - Delivers 8.3 Billion **Email** Messages
 - Routes 1 Billion **Calls** and **Text** messages
 - Connects 80 Million **Conference** Minutes
 - Secures > 3000 Enterprise **Networks**

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ORACLE PROTECTS THE NETWORK EDGE BY:

- **Safeguarding communications services, infrastructure, applications and information**
- **Mitigating malicious threats, including DoS and fraud**
- **Ensuring communications privacy and integrity**
- **Meeting strict U.S. government specifications (FIPS/JITC) for confidential communications**

RELEVANT ORACLE SOLUTIONS:

The Acme Packet E-SBCs are Microsoft Teams certified and complemented by Oracle Communications' products.

- Oracle is one of the world's most known brands, placing 21/100 in Forbes' best brands globally* (value \$30.8B), making Oracle a trusted and strategic communications partner.
*[The World's Most Valuable Brands](#), 2018, As of June 6, 2018

CUSTOMER BENEFITS:

- Two global cloud leaders offering a secure, high performing and scalable real-time communications experience.
- Seamless and faster migration from legacy applications to the cloud via Microsoft Teams, reducing downtime and costs, allowing customers to claim ROI quicker and more efficiently.
- Continuous delivery of Microsoft Teams patches and enhancements because every release is validated against Oracle's certified E-SBC.
- Enhanced service and support levels with a joint support process, facilitating behind-the-scenes collaboration between Microsoft and Oracle.
- The choice between Microsoft calling plans or retaining existing PSTN/SIP communications services and infrastructure known as Direct Routing.

Single E-SBC software stream for consistency of admin experience and assurance of compatibility from Oracle's small to large-capacity E-SBC systems.

E-SBC ENHANCED PRODUCT PORTFOLIO FOR MICROSOFT TEAMS:

Oracle Enterprise Communications Broker (ECB): Centralizes session routing, enterprise policies and dial plan management. ECB allows enterprises with multi-vendor UC and IP-PBXs to maintain independent domains and simplifies the introduction of Microsoft Teams into the enterprise's voice infrastructure. ECB enables a seamless migration path between on-premise solutions and Cloud-based UC services, simplifying the day-to-day operation in terms of dial-plans, users, routes and policy management across the different systems.

Oracle Communications Enterprise Operations Monitor (EOM): An end-to-end proactive session monitoring and troubleshooting system for VoIP and UC. EOM provides real-time and full end-to-end correlation of sessions and presentation of ladder diagrams and media quality per call segment. It uses passive, non-intrusive data acquisition either by using embedded probes in the SBC and ECB and/or stand-alone probes. By leveraging the embedded probes, in the E-SBC and ECB, EOM is uniquely positioned to provide visibility on any encrypted traffic both in terms of signaling and voice quality media.

Oracle Communications Interactive Session Recorder (ISR): A highly scalable recording platform based on an open architecture that leverages APIs to enable integration with a wide range of third party applications and analytic tools. ISR focuses on trunk side recording compatible with Microsoft Teams direct routing architecture, allowing enterprises and MSPs to have full control of all their compliance recordings across different regions and different lines of business.

FOR MANAGED SERVICE PROVIDERS (MSP) OFFERING HOSTED MICROSOFT TEAMS SERVICES:

Oracle's experience in protecting real-time communications across carrier networks benefits MSPs

Integrated Cloud Applications & Platform Services

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CERTIFIED E-SBC PLATFORMS*

[Acme Packet Virtual Machine Edition \(VME\)](#)

[Acme Packet 1100 E-SBC](#)

[Acme Packet 3900 E-SBC](#)

[Acme Packet 4600 E-SBC](#)

[Acme Packet 6300 E-SBC](#)

[Acme Packet 6350 E-SBC](#)

- * Media Bypass Disabled Certified.
Certification with Media Bypass Enabled Pending.

SECURITY FEATURES:

Threat Protection

- **Dynamic trust levels to prevent malicious attacks**
- **Real-time Deep Packet Inspection (DPI) to stop unauthorized traffic**
- **Guards networks from threatening scans and vulnerabilities**

Privacy

- **Strong encryption**
- **Authentication for proof of integrity and origin of data**
- **U.S. government FIPS and JITC compliant**

Fraud Protection

- **Blocks known fraudulent destinations**
- **Monitors for malicious traffic**

preferring hosted multi-tenant deployments. Microsoft is working closely with MSPs globally to expand adoption of its Microsoft Teams offering. Oracle Communications is providing the most consistent and flexible deployment options for MSPs allowing them to integrate SIP trunks into their hosted Teams offer, on a per customer basis (standalone) or shared across multiple enterprises (multi-tenant).

IN CONCLUSION:

Oracle's deep expertise and global footprint securing communication solutions adds a layer of trusted network protection for enterprises deploying Microsoft Teams. With Oracle technology, enterprise customers will experience a seamless and faster migration from legacy applications to cloud via Microsoft Teams, reducing downtime and costs, allowing them to claim ROI quicker and more efficiently.

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