

Oracle Secures Enterprise Networks for Microsoft Teams

Oracle and Microsoft have advanced their strategic partnership with the certification of the Oracle Enterprise Session Border Controller (E-SBC) portfolio for use with Direct Routing with Microsoft Teams (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 Teams, customers evolve their communications and collaboration infrastructure.

Accelerating digital transformation journey in a communications-driven world

The modern workforce requires the ability to connect, share information and collaborate seamlessly from anywhere and at any time. The combination of communications and collaboration tools in a simple interface provides many benefits including more accessibility and productivity for workers with various devices and in different locations; the ability for groups to innovate and work together in a unified environment and an improved customer and user experience.

Microsoft Teams provides a 4-in-1 experience across chat, meetings, calling and web conferencing with the Office 365 platform. Today, Teams is the leading collaboration tool available on the market, with 75 million daily active users.¹ Oracle's Enterprise Communication suite of services safeguards mission critical real-time communication and collaboration. With this partnership, Oracle will provide secure, integrated communication services to Teams' collaboration environment.

Together, Oracle and Microsoft are delivering a safe, fully integrated, real-time voice experience for the Office 365 customers who use Teams to foster teamwork and collaboration.

Key Messages

- Oracle's partnership with Microsoft enables customers to fully realize the power of communication and collaboration. With the Oracle E-SBC, organizations can leverage carrier provided SIP trunks to enable Direct Routing for Teams. Direct Routing, allows enterprises to use their existing carrier's to enable calling from Teams.



Oracle and Microsoft are delivering a safe, fully integrated, real-time voice experience for the many Office 365 customers who use Teams.

“Oracle’s presence in Fortune 1000 companies worldwide as a leading provider of communications solutions makes them a great choice to help secure the voice network edge for Microsoft Teams. Both companies are committed to working together to offer customers a safe and robust collaboration and communications experience.”

Nikolay Muravlyannikov
Principal Program Manager
Microsoft

Key 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 Teams, reducing

¹ [Microsoft Teams now has 75 million daily active users, adding 31 million in just over a month \(MSFT\)](#) Business Insider, Apr. 30, 2020

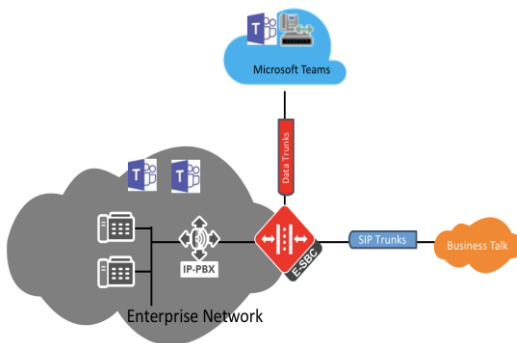
- Oracle brings its industry-leading communication products and services to provide secure, integrated and easily-managed voice services across the Office 365 and Teams collaboration environment.

Direct Routing

Microsoft Phone System enables call control and PBX capabilities in Office 365, effectively replacing an on-premises telephony hardware. Pair it with **Direct Routing** and users receive full calling capabilities in Office 365. With Direct Routing enterprises can choose their telecom provider to enable users to make and receive calls in Teams, leveraging the benefits of Teams while remaining with their existing provider.

At the heart of Direct Routing is the E-SBC, which ensures security, connectivity across different parts of the network, addresses regulatory requirements and provides Quality of Service (QoS). As part of the architecture, Microsoft certifies SBCs for Direct Routing to ensure the service is robust.

Oracle's line of E-SBC provide a secure, interoperable and seamless multi-tenant collaboration experience. This allows companies to leverage existing investments such as PBX systems or helping manage the transition from multiple UCaaS solutions to Microsoft Teams.



Oracle SBC offers all the features required to provide a seamless, secure, trusted real-time multi-tenant communications integration, including:

- SIP Traffic routing to Microsoft Teams and to the PSTN
- SIP normalization features to connect telecom networks to Teams
- Media normalization features such as codec policies and transcoding
- Interworking between secure connection in Teams zone (TLS/SRTP) to plain UDP/TCP/RTP in the service provider network
- REST API for integrated automation of customer on-boarding
- Oracle's customers whose SBCs support the latest release Cz830 can benefit from all the supported features in the media bypass configuration as well as the non-media bypass configuration

Why the Oracle E-SBC?

- Oracle pioneered the SBC market with the world's largest telecom providers and leveraged that experience to create its E-SBC with the longest standing record of securing and interoperating the world's most complicated voice networks.

downtime and costs, allowing customers to claim ROI quicker and more efficiently

- Customers have a choice between Microsoft calling plans or retaining existing PSTN/SIP communications services and infrastructure, Direct Routing.
- Joint support process: Customers' bugs are handled internally between Oracle and Microsoft

- The ability to mitigate malicious threats, including DoS and fraud and meeting strict U.S. government specifications (FIPS/JITC) for confidential communications.
- Oracle's SBC are certified by Microsoft to provide real-time Enhanced 911 (E911) support for Microsoft Teams Dynamic Emergency Calling for Direct Routing.
- 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**

Key Benefits

- Two global technology leaders offering a secure, high performing and scalable real-time communications experience.
- The choice between Microsoft calling plans or retaining existing PSTN/SIP communications services and infrastructure with Direct Routing.
- Secure and Certified Solution: Microsoft tests all code changes in the Teams cloud service on certified SBC's prior to delivery. Oracle SBC is fully certified for both media bypass and on-media bypass.
- Seamless and faster migration from legacy applications to the cloud via Teams, reducing downtime and costs, allowing customers to claim ROI quicker and more efficiently.
- Continuous delivery of 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.

For More Information

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