

Microsoft and Oracle: Strategic Partners in Cloud and Communications

Cloud and SaaS application adoption is accelerating across businesses and so does the complexity that comes with it. Oracle and Microsoft are collaborating to simplify the adoption of Cloud technologies, communications infrastructure and SaaS based applications. The companies are working to reduce complexity across an organization's major digital building blocks – whether infrastructure, networks, communication, collaboration or business resources and processes.

A one-stop-shop for Cloud services

Microsoft and Oracle's cloud interoperability partnership helps customers migrate and run business-critical enterprise workloads across Microsoft Azure and Oracle Cloud for an optimized, best-of-both-clouds experience. Enterprises can seamlessly connect Azure services, like analytics and AI, to Oracle Cloud services, like Autonomous Database, by bypassing the public Internet to keep information secure and reliable. Taken together, Azure and Oracle Cloud offer one place for all the cloud services and applications to run their entire business. Connecting Azure and Oracle Cloud through network and identity interoperability makes lift-and-improve migrations smooth. In addition to providing interoperability for customers running Oracle software on Oracle Cloud and Microsoft software on Azure, it facilitates new and innovative scenarios such as:

- ✓ **Seamlessly connecting Azure and Oracle Cloud so customers can extend their on-premises data centers to both clouds.**
- ✓ **Unified identity and access management via a unified single sign-on experience and automated user provisioning to manage resources across Azure and Oracle Cloud. Oracle applications can use Azure Active Directory as the identity provider and for conditional access.**
- ✓ **Deployment of custom applications and packaged Oracle applications (JD Edwards EnterpriseOne, E-Business Suite, PeopleSoft, Oracle Retail, Hyperion) on Azure with Oracle databases (RAC, Exadata, Autonomous Database) deployed in Oracle Cloud. The same Oracle applications will also be certified to run on Azure with Oracle databases in Oracle Cloud.**
- ✓ **Oracle Database is certified to run in Azure on various operating systems, including Windows Server and Oracle Linux.**

Oracle SBC for Direct Routing and Operator Connect

Through Direct Routing or Microsoft Operator Connect businesses can integrate telephony into Microsoft Teams. Direct Routing allows enterprises to choose their telecom provider and enable users to make and receive calls outside the enterprise with Microsoft Teams. Operator Connect is a simple operator managed service for adding Public Switched Telephone Network (PSTN) calling capabilities to Microsoft Teams.

As part of the implementation, Microsoft Operator Connect requires a [certified Session Border Controller \(SBC\) for Direct Routing](#) to act as connection between Microsoft Teams and the telephone network. [Oracle SBCs](#) protect real-time communications networks from cyberthreats and fraud; mitigate the effects of network impairments and outages and cure interoperability problems to enable highly secure and reliable voice, video, and unified communications services. Oracle's SBCs also provide a secure, interoperable and seamless multi-tenant collaboration experience. This allows companies to leverage existing investments such as PBX systems or help manage the transition from multiple UCaaS solutions to Microsoft Teams.

Oracle SBCs have been certified with Microsoft since Microsoft Lync 2010 and are Microsoft Teams certified for Direct Routing with support for local media optimization and analog interoperability. Oracle SBCs also support Operator Connect under this certification and are certified for customers looking to deploy Azure Communication Services.

Oracle's SBCs received certification by Microsoft to provide real-time Enhanced 911 (E911) support for Microsoft Teams Dynamic Emergency Calling for Direct Routing. Dynamic emergency calling for Microsoft Calling Plans, Operator Connect, Teams Phone Mobile and Direct Routing provides the capability to configure and route emergency calls and notify security personnel based on the current location of the Microsoft Teams client.

Oracle Digital Assistant

[Oracle Digital Assistant](#) delivers a complete AI platform to create conversational experiences for business applications through text, chat, and voice interfaces. Enterprise customers can access Oracle Cloud Applications through an AI-powered voice experience in Microsoft Teams via Oracle Digital Assistant. Business users can interact with business applications directly from their Microsoft Teams interface using Oracle Digital Assistant, just as they would collaborate with fellow employees or other productivity tools.

Leading the industry in collaboration and communications

Microsoft and Oracle's partnership is committed to making it a seamless process to build and run solutions consisting of Oracle and Microsoft technology working in tandem. The Oracle and Microsoft collaboration facilitates secure collaboration and communications to increase productivity and drive business results. For more information visit [Microsoft and Oracle Communications: Strategic Partnerships](#).

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