

Microsoft and Oracle: Strategic Partners in Cloud and Communications

Oracle and Microsoft, two of the industry's largest software providers, are collaborating to simplify the adoption of cloud technologies, communications infrastructure, and SaaS-based applications for our mutual customers. Our ever-growing partnership aims to reduce complexity across all of an organization's major digital building blocks – whether infrastructure, networks, communication, collaboration or business resources and processes in order to drive growth and innovation.

A unified solution for cloud services

Microsoft and Oracle's cloud interoperability partnership helps customers to migrate and run business-critical enterprise workloads across Microsoft Azure and Oracle Cloud resulting in a highly optimized, best-of-both-clouds experience. Enterprises can now seamlessly connect Azure services, like analytics and AI, to Oracle Cloud services, like Autonomous Database. Taken together, Azure and Oracle Cloud offer customers a unified solution for all the cloud services and applications they need 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 Connect Azure and Oracle Cloud, allowing customers to 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.
- Supports 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.
- Oracle Database will continue to be certified to run in Azure on various operating systems, including Windows Server and Oracle Linux.

Ever-growing partnership

Microsoft and Oracle's partnership is founded upon two of the largest enterprise software companies addressing the complexities of the new multicloud, multiSaaS paradigm.

Key benefits

- Seamlessly connect Azure and Oracle Cloud
- Unified identity and access management
- Deployment of custom and packaged Oracle applications on Azure
- Oracle Database running in Azure on various operating systems
- Oracle SBCs for Direct Routing and Operator Connect
- Oracle Digital Assistant integration with Microsoft Teams
- Oracle SD-WAN to improve customer experience with Microsoft Teams and Office 365

- Oracle SD-WAN Edge is available for IaaS deployment in Microsoft Azure with a “bring your own license” model and once deployed, is fully compatible and compliant with Microsoft’s Virtual Network (VNet) to provide a highly reliable connection and the best quality of experience into Azure applications.

Leading the industry in collaboration and communications

Oracle SBC for Direct Routing and Operator Connect

Oracle’s existing partnership with Microsoft Teams helps customers reap the benefits of collaboration. Through either Direct Routing or Microsoft Operator Connect, organizations can easily integrate telephony into Teams.

Direct Routing, allows enterprises to choose their telecom provider for enabling their users to make and receive calls in Teams. The two options available for both Enterprise and Carrier models.

Operator Connect is a simple operator managed service for adding PSTN calling capabilities to Teams. By creating a new marketplace with most major carriers, Microsoft can enable operators to provide a managed service for their enterprise customers. As part of the implementation, Microsoft Operator Connect requires operators to have Session Border Controller (SBC) certified for Direct Routing.

Oracle SBCs were certified with Microsoft since the early days of Microsoft Lync 2010 and were [Microsoft Teams certified for Direct Routing](#) in 2018. With this certification, Oracle SBCs also support Operator Connect. Oracle SBCs are also certified to provide real-time Emergency Calling support for Microsoft Teams Dynamic Emergency Calling for Direct Routing.

Together, Oracle and Microsoft will continue to deliver a secure, fully integrated, real-time voice experience for Office 365 customers that use Microsoft Teams.

Oracle Digital Assistant

With the integration of Oracle Digital Assistant into Microsoft Teams, enterprise customers can access Oracle Cloud Applications through an AI-powered voice experience in Teams.

Using Oracle Digital Assistant, business users can simply and conversationally interact with business applications directly from their Microsoft Teams interface, just as they would collaborate with fellow employees or other productivity tools.

Oracle SD-WAN

Customers may also leverage Oracle SD-WAN to improve their customer experience with Microsoft Teams and Office 365. Oracle SD-WAN will identify Office 365 traffic on the network and route it to Microsoft’s cloud infrastructure in accordance with their networking principles, which are designed to maximize customer experience and reduce latency. For Microsoft Teams, the Oracle SD-WAN solution provides survivability for mission-critical voice and video calls, ensuring calls remain up and running and maintain the highest-level quality of service.

Microsoft's and Oracle's partnership is founded upon addressing the needs of the new multicloud, multiSaaS paradigm. The goal is to provide secure, integrated communication services to deliver the most protected and highest quality voice experience.

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