OCI Networking
Health Check

Cloud-based networking provides the visibility, management, and scale needed to operate today's distributed cloud and on-premises network, security, and location infrastructure as well as user-specific services.

Overview

Oracle Cloud Infrastructure (OCI) networking and connectivity products and services enable customers to manage and scale their networks. Customers can connect securely to a customizable, isolated virtual cloud network (VCN), and take advantage of inexpensive data egress charges. Granular access control of networking technologies provides connectivity solutions across both physical and virtual networks.

The goal of OCI networking Health check is to understand Customer's current networking needs, provide recommendations to design and optimize the network foundations, including potential interconnections between Oracle Public/Private cloud between other customer Data Centers and/or Cloud providers.

OCI Networking Health Check covers following features/services:

- Customizable virtual networks: Flexible IP assignments, extend existing networks, Site-to-site connectivity, "Bring your own" public IP addresses, Flat cost, high-speed connectivity (Fast Connect)

- End-to-end network security: Isolated network virtualization preventing attacks on customer tenancies with isolated network virtualization, Maximum security zones becoming the first public cloud provider to activate security policy enforcement of best practices automatically from day one. Oracle Cloud Guard continuous monitor configurations and activities to identify threats and automatically acts to remediate them across all Oracle Cloud global regions

- Low-latency networking yields high performance: High bandwidth, low-latency environment providing remote direct memory access (RDMA) over converged Ethernet (RoCE) v2 and a 100 Gbps network. Non oversubscribing network resources, so customers experience a low-latency network, with predictable network performance. Performance SLA on networking.

- Protecting critical workloads: Disaster protection and hybrid connectivity by extending workloads from an on-premises data center to Oracle Cloud, using a VPN or a dedicated FastConnect connection. *Oracle web application firewall,*

Customer audience

Customer Networking team

How it is delivered

Remote (zoom)

Pre-requisites

Share the workload details, current Network architecture, future workload roadmap (if any).

Delivered by

The EMEA Cloud Solution Specialists – The OCI Network Specialists Team

How to request the assessment

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protecting applications from malicious and unwanted internet traffic with a cloud-based, PCI-compliant, global web application firewall (WAF) service. *Multi-cloud interoperability,* a fast, secure, reliable connection directly between Oracle Cloud Infrastructure and Microsoft Azure.

Please reach out to your Oracle Account Team

Expected Business Outcomes

The outcome of OCI Networking Health Check is a set of guidelines and best-practices-based recommendations that will help to:

- Secure and protect Customer Workload in the public and private cloud leveraging the advanced networking services in OCI such as WAF, Network Firewall, Cloud Guard, etc.

- Improve Availability of applications by designing reliable networking architectures (DR, High Availability etc.)

- Optimize OCI resource usage efficiently, reducing bandwidth consumption and optimizing interconnections and improving overall system performance.

- Simplify the system management by having an efficient and optimized network architecture that will be the foundation of the entire system.

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Steps

ACTIVITY	DESCRIPTION	WHO
Kick-off	Present the assessment process Define the scope	Oracle and Customer
Preparation	Prepare the OCI tenancy to run the assessment Review the options for data collection ……..	Oracle and Customer
Data Gathering	Run the tools to retrieve the information Ex: Network Visualizer etc.	Customer
Assessment	Inspect and review the data Create the assessment report	Oracle
Results	Present the findings Handover deliverables Recommend the next steps	Oracle and Customer

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