Integration Health Check

Organizations are ingesting more data, integrating their data and processes not only on-premises, but across data centers and clouds. Oracle Cloud Integration (OIC) provides an excellent platform to integrate various applications, systems, and data sources.

Overview

Cloud Integration platform can connect to different places across clouds, regions, and networks. Having OIC instances correctly configured and used is key to achieve optimal performance and security. The goal of Integration Health Check is to focus in the following areas:

- Security concerns
- OIC resources: usage and configuration
- Design practices
- Runtime behavior

The above-mentioned steps happen through review of the integration architecture and identification of potential improvement areas, such as adopting best practices and enablement of specific product features.

Business Value

Suboptimal integration platform can affect performance and security of several systems across the customer landscape. This Health Check aims to proactively identify and prevent future problems while maximizing the return on Oracle Cloud investment.

Oracle Integration Cloud Covered

The assessment scope delivers will cover the following:

- Architecture Health Checks: focus on high level design, integration platform architecture in OCI, basic OCI infrastructure setup (networks, compartments) related to OIC, security, deployment, and configuration
- Design Health Checks: best practices (patterns, error handling)
- Runtime Health Checks: OIC service limits, runtime behavior enablement.

The assessment scope will NOT cover the following:

Duration of the engagement

1-3 days

Customer audience

Integration Architects, Integration Operations

How it is delivered

Analysis of current available design documentation

Inspection through health check scripts

Pre-requisites

Availability of documentation

Target environment where to run scripts and enablement analysis / metrics (varies depending on type of health check)

Delivered by

EMEA Cloud Solution Specialists – The Application Integration Specialist Team

How to request the assessment

Please reach out to your Oracle Account Team

ORACLE

- Detailed design and implementation of the actual integrations and data mappings
- Target and source systems configuration
- Capacity planning

Steps

ACTIVITY	ARCHITECTURE HEALTH CHECK	DESIGN HEALTH CHECK	RUNTIME HEALTH CHECK	WHO
Kick-off	Present the assessment process Define the scope			Oracle and Customer

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Preparation	Get high level design documentation from customer Prepare the OCI tenancy to run the assessment script Review the options for data collection	Get design documentation from customer Prioritize assets to review	Enable runtime behavior analysis and define metrics of interest	**Oracle and Customer**
Info Gathering	Run the scripts to retrieve the information	Run the scripts to retrieve the information	Collect metrics	**Customer**
Analysis	Review high level design	Review assets	Review metrics	**Oracle and Customer**
Assessment	Inspect and review provided documentation and data gathered Create the assessment report	Create the assessment report	Create the assessment report	**Oracle**
Results	Present the findings, handover deliverables and recommend the next steps			**Oracle and Customer**

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