Oracle Cloud Infrastructure(OCI):

OCI stands for **Oracle Cloud Infrastructure**, and it is very similar to **AWS (Amazon Web Services)**. It's like renting powerful computer resources and services from Oracle, but instead of owning and maintaining them yourself, you use them online through the internet.ORACLE FUSION IS PART OF OCI.

Imagine this:

- Instead of buying a bunch of expensive servers, computers, and equipment to run your business applications, store data, or process information, you can just use **OCI** to access all of that technology over the internet.
- OCI provides things like **storage** (where you keep your data), **compute power** (the processing power needed to run applications), and **networking** (how these resources communicate with each other and the internet).

Here's an example in simpler terms:

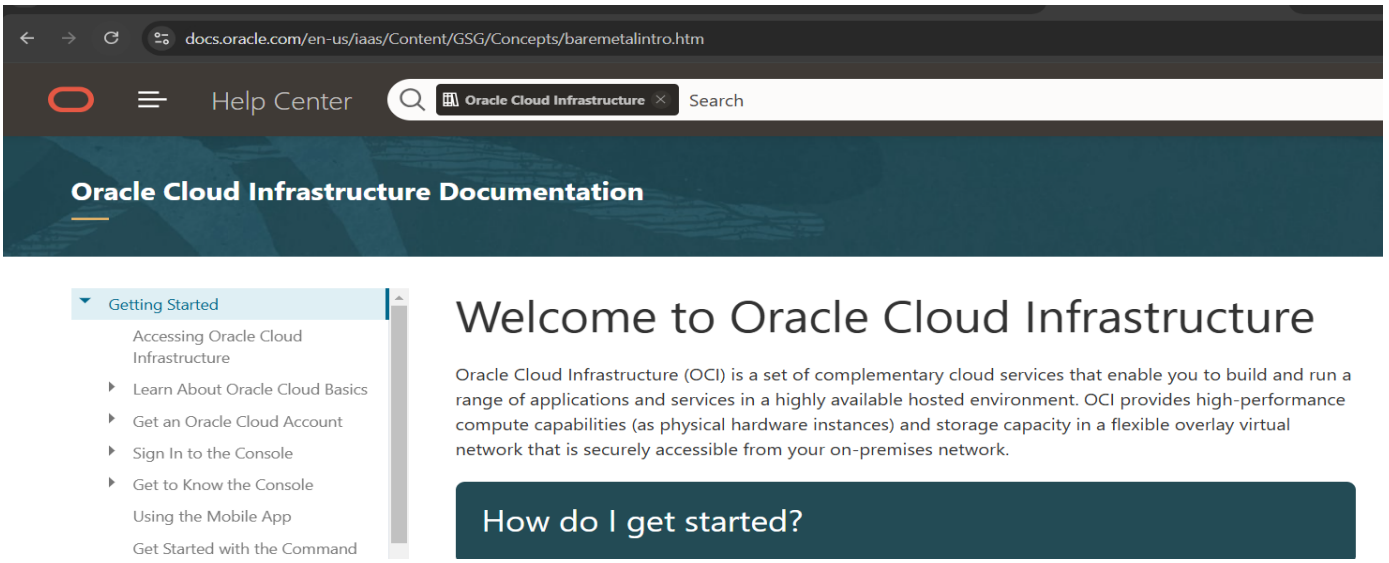
Think of it like renting space in a huge, secure building that holds powerful computers (servers) that can store your information and run your software. Instead of keeping everything in your own office or data center, you just pay Oracle to use their space and equipment, and you access everything remotely.

Key Benefits:

1. **Cost-Effective**: You don't need to buy expensive hardware or pay for maintenance. You only pay for what you use.
2. **Scalability**: If your business grows, you can easily get more storage or power from OCI without having to worry about upgrading your own equipment.
3. **Reliability**: Oracle ensures that your data and applications are safe and available without interruptions.

In short, **OCI** gives businesses the ability to run their software, store data, and manage operations using powerful computing resources from Oracle, all through the cloud, without needing to manage the hardware themselves.

FOR DOCUMENTATION SERACH WITH> oracle cloud infrastructure documentation



Oracle Integration Cloud (OIC):

Oracle Integration Cloud (OIC) is a tool & PART OF OCI that helps different software and systems work together smoothly. It connects different applications and services—whether they are in the cloud or on your company's own computers—so they can share data and automate tasks.

If you're using **Oracle Fusion Applications** (a suite of business tools for managing things like finance, human resources, and customer relationships), **OIC** makes it easier to connect those tools to other software or systems your company might be using, such as a customer service platform or an inventory management system.

Here's an example to make it clearer:

Imagine your company uses Oracle for its accounting and payroll (Oracle Fusion Apps), but you also use another system for customer orders. Without OIC, you would have to manually transfer data between these two systems, which takes a lot of time and could lead to mistakes.

With **OIC**, it automatically connects the systems, ensuring that when an order is placed in the customer system, the information flows directly into the Oracle system for invoicing and payroll without any human intervention.

So, **Oracle Integration Cloud (OIC)** makes sure that all your different software and systems "talk" to each other, work together, and share the right data automatically, saving time, reducing errors, and improving overall efficiency.

CONNECTIVITY AGENT & ADAPTERS IN OIC:

1. Connectivity Agent:

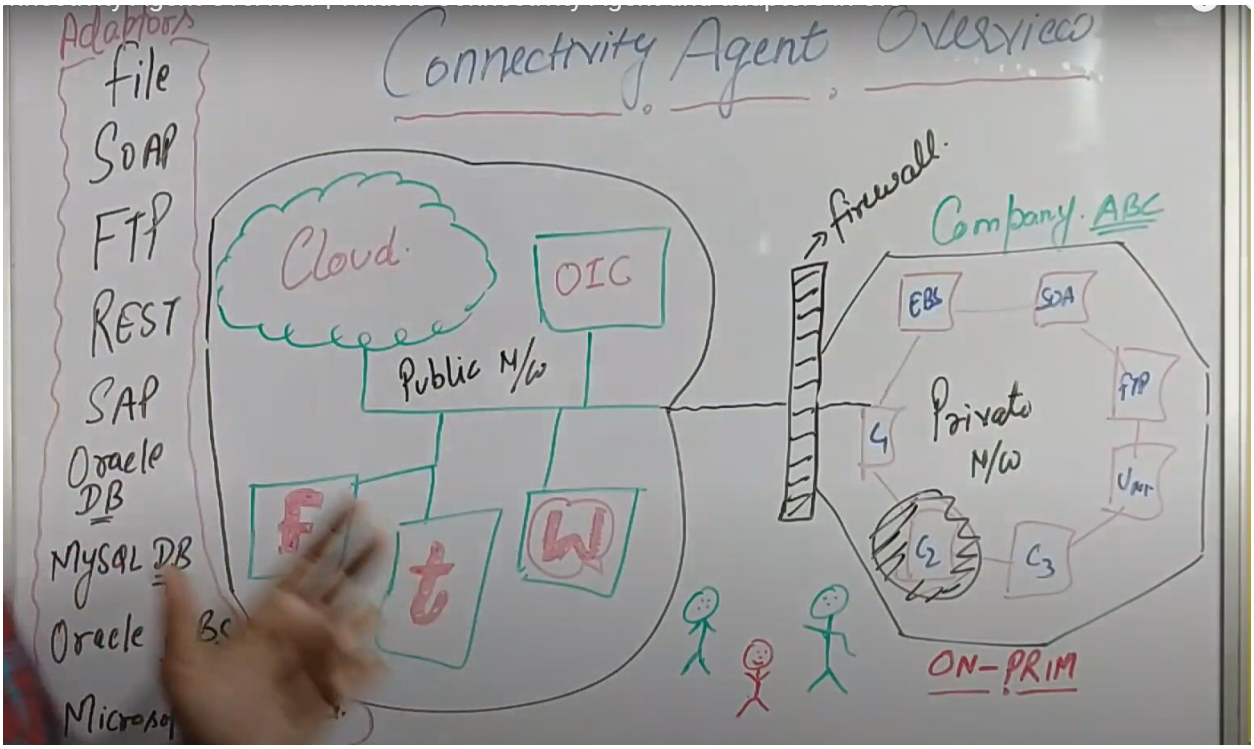
Think of the **connectivity agent** as a **middleman** that allows OIC to securely connect to **on-premises systems** (systems that are located within your company's premises and not in the cloud).

- Imagine your company's internal software (e.g., a legacy database) is behind a firewall and cannot directly connect to the internet. The connectivity agent acts as a bridge, safely relaying information between OIC in the cloud and your on-premises systems.
- It ensures that data can move back and forth, even when the systems are behind firewalls or in secure networks that typically block outside connections.

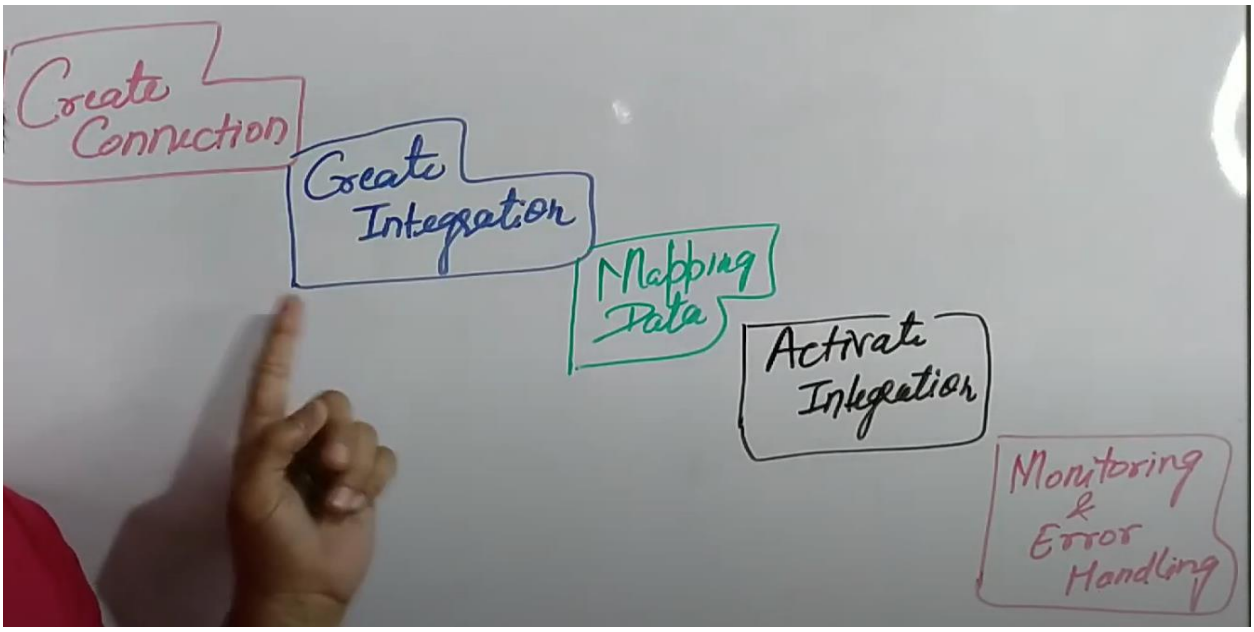
2. Adapters:

An **adapter** is like a **translator** or a **connector** that helps different systems "speak the same language" when they need to exchange data.

- Different systems (like CRM, ERP, databases, etc.) use different technologies or formats for data. Adapters are pre-built connectors that know how to communicate with specific systems. For example:
    - An **SAP adapter** will understand how to connect and exchange data with an SAP system.
    - A **REST adapter** will help communicate with systems that use RESTful APIs.

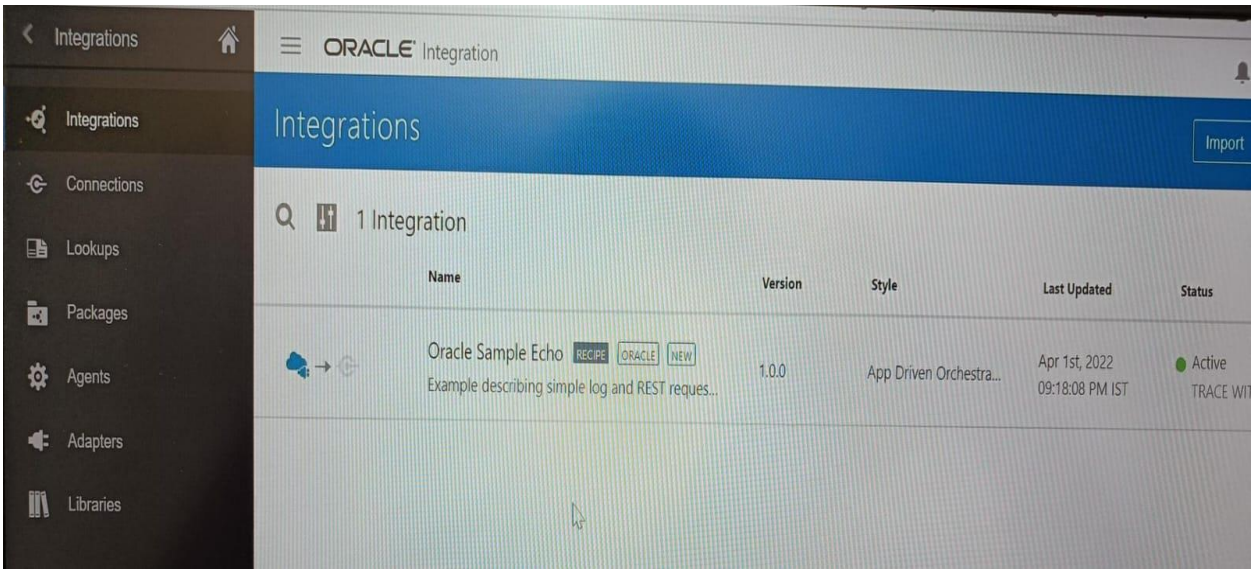


INTEGRATION LIFE CYCLE:



OIC UI:

RUNNING SAMPLE INTEGRATION:



IT IS SAMPLE INTEGRATION PROVIDED BY ORACLE ITSELF