

Frequently Asked Questions for Oracle Artificial Intelligence with Oracle JD Edwards EnterpriseOne

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Purpose statement

This document provides answers to frequently asked questions about Oracle Artificial Intelligence with Oracle JD Edwards EnterpriseOne. It is intended solely to help you assess the business benefits of upgrading to Oracle JD Edwards Applications Release 9.2, use Oracle Artificial Intelligence and to plan your I.T. projects.

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General Queries on Oracle Artificial Intelligence

What is Artificial Intelligence?

Artificial intelligence (AI) applies advanced analysis and logic-based techniques, including machine learning, to interpret events, support and automate decisions, and take actions. It has generated a wide range of interest from various industries and sectors due to its applicability to a variety of use cases such as providing insights, improving efficiency, making predictions, finding anomalies, automating tasks, and improving accuracy while saving time and improving decision making.

What is Oracle AI?

Oracle AI encompasses the entire suite of intelligence capabilities Oracle has provided at various levels of the Oracle Cloud ecosystem including infrastructure, data platforms, and AI services. For example, Oracle has introduced the OCI supercluster with Remote Direct Memory Access (RDMA) networking that provides superior hardware performance while processing AI workloads. OCI Data Science and AI Vector search in Oracle Database 23ai make AI available where the data resides. Oracle also provides a broad array of OCI AI services such as Generative AI, Generative AI Agents, Document Understanding, Vision, Speech, Language, and Digital assistant. These OCI AI services can be used in a wide range of use cases using the pre-trained models or by building custom models. These investments enable you to benefit from the power of Artificial Intelligence for your business. For more information, see [Oracle AI](#).

What are the benefits of using Oracle AI with JD Edwards?

By embedding AI at multiple levels, Oracle equips customers to tackle a diverse set of business challenges with tailored solutions allowing organizations to automate time-consuming processes, derive actionable insights from vast data sets, predict future trends, and make informed decisions faster, which in turn provide the ability to redirect resources towards strategic initiatives. The Oracle JD Edwards EnterpriseOne AI strategy focuses on enabling customers to take advantage of Oracle's investments in intelligence capabilities throughout the technology stack and Oracle's AI infrastructure, machine learning platforms, and AI services. Customers can use a combination of the intelligence capabilities, whether it is through OCI services, within SaaS applications, or available through any Oracle technology such as the Oracle Database or on Oracle Cloud Infrastructure (OCI), to solve their business problems and achieve strategic outcomes.

What are the various Oracle AI services?

Oracle provides a comprehensive suite of AI services catering to different use cases like OCI Generative AI, OCI Generative AI Agents, Oracle Digital Assistant, OCI Speech service, OCI Language service, OCI Vision service, and OCI Document Understanding service. For more details on Oracle AI, see [Oracle AI](#).

Is Oracle AI available only on OCI?

Yes, Oracle AI is available only on OCI. However, JD Edwards customers with on-premises deployments can also connect with Oracle AI.

How do I get access to Oracle AI?

You can access Oracle AI capabilities with your OCI subscription. For details about pricing, see [Oracle Cloud Cost estimator](#). You can reach out to your Oracle sales representative for your specific licensing requirements.

Connecting Oracle JD Edwards EnterpriseOne with Oracle AI

What JD Edwards Applications and Tools release is the minimum requirement to connect to Oracle AI?

Oracle JD Edwards customers can use Orchestrator to authenticate and connect to OCI AI services starting with Release 24 (Tools Release 9.2.8.2). Oracle recommends that you always adopt the latest tools release and the latest certified versions of the platforms running JD Edwards. For information about the latest certified platforms, see [My Oracle Support Certifications](#).

Can I connect my existing JD Edwards installation to Oracle AI?

Yes, if you are an existing JD Edwards customer either on-premises or on OCI, you can connect with Oracle AI by updating your JD Edwards EnterpriseOne system to supported application and tools releases. For detailed steps, see [Augmenting JD Edwards EnterpriseOne with Oracle Cloud Infrastructure Services](#).

I have an existing on-premises JD Edwards installation. Can I connect with Oracle AI, while running JD Edwards on-premises, or do I need to migrate to OCI to take advantage of Oracle AI?

Yes, you can connect your on-premises JD Edwards installation with Oracle AI. You do not need to migrate to OCI. Oracle recommends running latency tests between your on-premises installation and OCI services to ensure that the connection meets your performance expectations.

However, you can consider migrating to OCI and benefit from its capabilities. Migrating to OCI will enable seamless connection to OCI services including AI services. Co-locating your JD Edwards installation and OCI AI services will help you to overcome any challenges that might arise due to network latency and provide you optimal performance and scalability.

Does my existing JD Edwards license provide me access to Oracle AI?

No, Oracle AI services are available on OCI through your OCI subscription. You will be charged separately for the AI services you use, based on their respective pricing models, similar to other cloud services available on OCI.

Do I have the option to store items such as documents, images and so on that need to be processed by OCI AI services in the JD Edwards database instead of storing them in object storage in OCI? It might be better from a backup and disaster recovery perspective to store it in the JD Edwards database.

All items such as documents, images and so on, used for processing by OCI AI services are stored in the JD Edwards database as Media Object Attachments after they are interpreted by OCI AI services. Storing them in OCI Object Storage the only necessary for processing by OCI AI services.

How many sample images are required to train the model for OCI Vision AI service?

A minimum of 40 or more images is recommended for each type in object detection. The more the images, the better the precision and confidence score of the model.

Would there be a performance impact in the orchestration like stuck java threads and so on if I upload large files (5MB+) to OCI AI services for analysis?

You will not have any challenges in uploading large files to OCI Object Storage. However, there will be some performance impact when the OCI AI service processes the file and the interpretation or data extraction from the files might take longer. Alternatively, you could consider invoking the OCI AI service asynchronously with the large file and check for the response later to avoid a long running orchestration while it is waiting for the API response.

Can I use OCI Document Understanding service only with image files or does it also work for PDF files?

Yes, you can use OCI Document Understanding service for both PDF files and image files.

How can I create a custom model for OCI Vision service?

You can create a custom model for OCI Vision service by following the steps provided in [Using Custom Image Analysis Models](#).

Where can I get a reference for all the OCI REST APIs that are available?

You can find the reference for over 150 OCI REST APIs in [Oracle Cloud Infrastructure Documentation - API Reference and Endpoints](#).

I am planning to use AI capabilities of other open-source providers like ChatGPT or other cloud providers like Microsoft Azure, Amazon Web Services, and so on. Will JD Edwards provide support for such implementations?

Oracle JD Edwards provides support only for Oracle AI services. If you plan to use AI capabilities from other providers, you must work with those providers for any support required with their services and implementation.

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