

ORACLE®

JD Edwards and Oracle Cloud “Lift and Shift” Déportez votre production actuelle dans le Cloud

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Oracle Cloud Platform Architect

June 28, 2016



Safe Harbor Statement

The preceding is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle.

Oracle Cloud Strategy

Which of the Oracle Cloud offerings apply to a JD Edwards customer?

Software-as-a-Service (SaaS)

Platform-as-a-Service (PaaS)

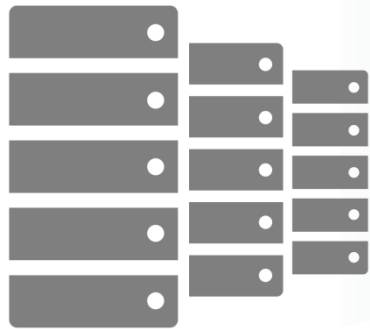


Infrastructure-as-a-Service (IaaS)



Deployment Choice

Most JD Edwards customers will operate in a hybrid datacenter for years



JD Edwards On-premise Instances

***Same Architecture
Same Standards
Same Products***

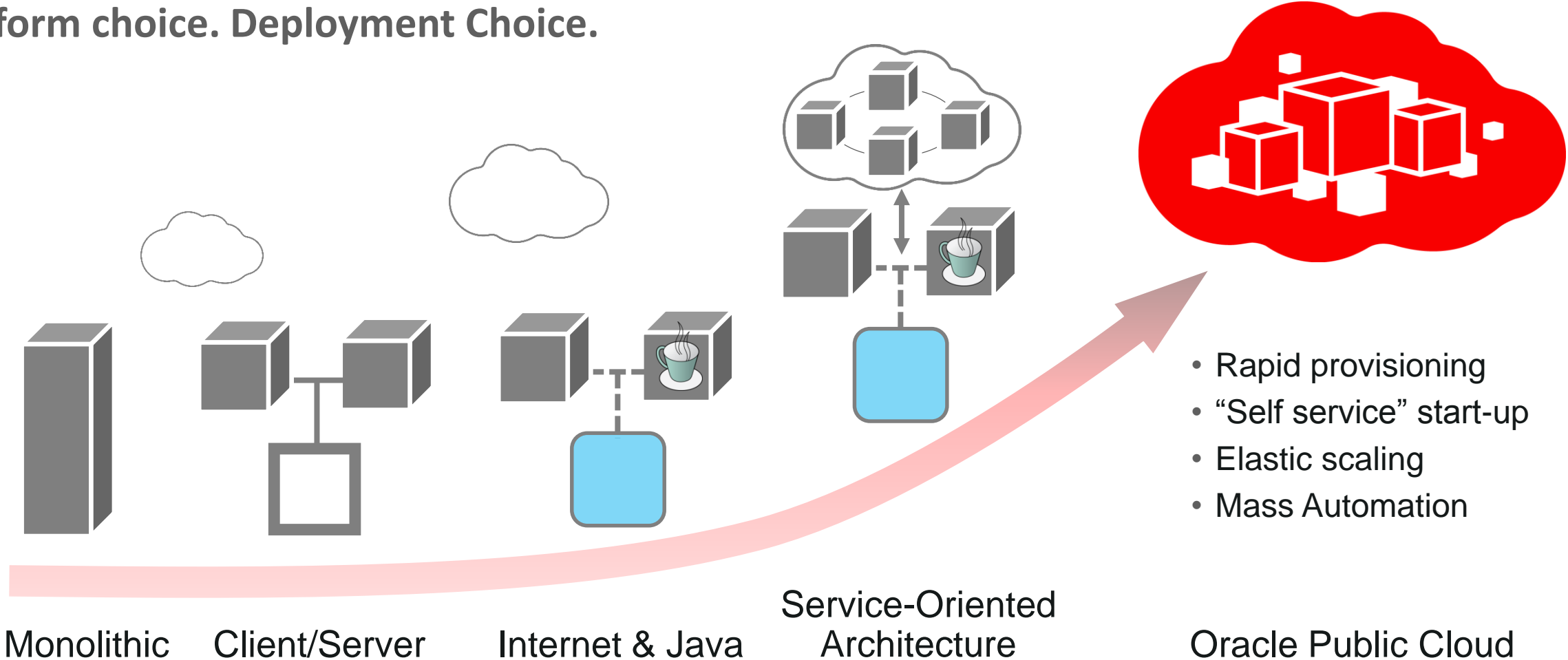


JD Edwards Cloud Instances

Run workloads on-premise or in public cloud
as business requirements dictate.

Evolution of the JD Edwards EnterpriseOne Architecture

Platform choice. Deployment Choice.



JD Edwards on Oracle Technology

Engineered to Work Together

The mission hasn't changed.

ORACLE®

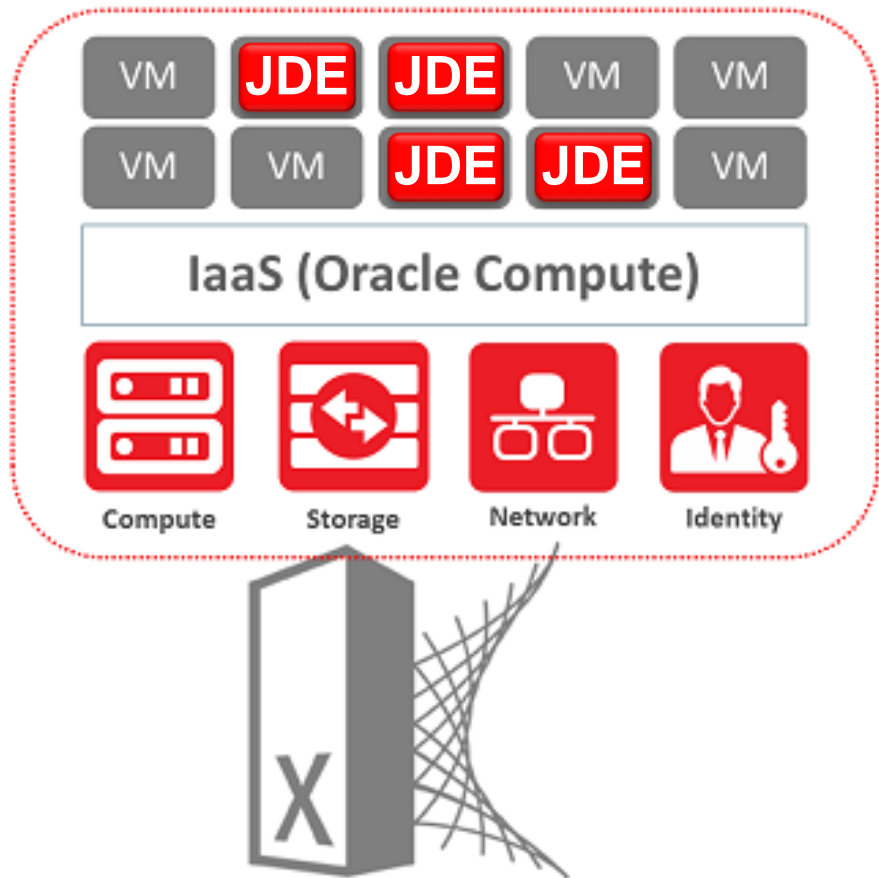
**JD EDWARDS
ENTERPRISEONE**

The choices have expanded.



Oracle Cloud Infrastructure-as-a-Service

Complete Infrastructure for Enterprise Workloads



Compute

- General Purpose
- High Performance
- Dedicated
- Engineered System

Storage

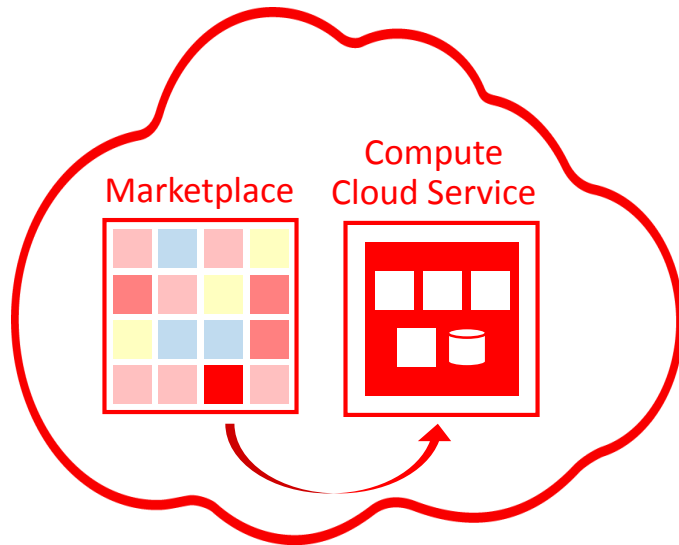
- Object
- Block
- Archive
- High Performance
- File

Network

- Software VPN
- Hardware VPN
- Direct Connect
- Network Bonding

Three Deployment Choices on Oracle Cloud Marketplace

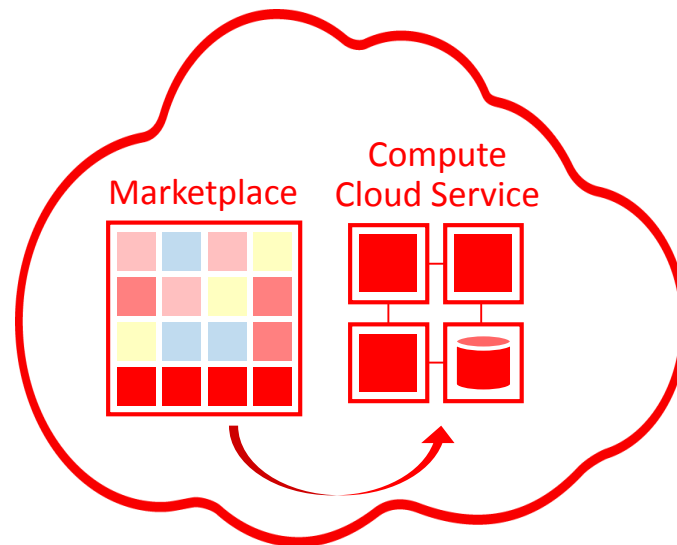
Offering 1: Trial Edition



“All-in-One” Demo / Sandbox

- Apps 9.2 / Tools 9.2.0.3 **Updated**
- One View Reports
- AIS: Mobile and IoT
- No Server Manager
- No Deployment Server

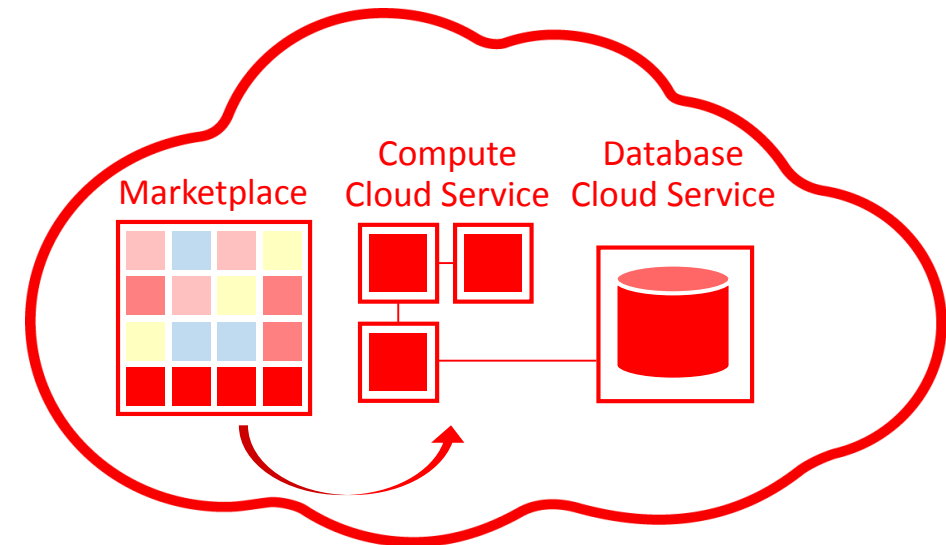
Offering 2: Multitier



“Manageable” Environment

- Apps 9.2 / Tools 9.2.0.3 **Updated**
- Enterprise, HTML, & Database
- AIS, ADF, BI Publisher **New**
- Server Manager, Deployment server
- Enterprise Manager
- Migration of customer data **Planned**

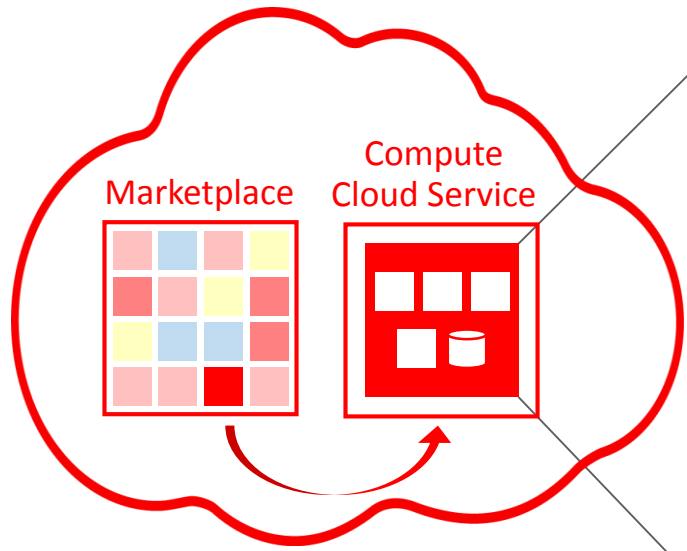
Offering 3: Database Cloud Service



Same components as Multitier, but with your data in Oracle Database Cloud Service

- Apps 9.1 / Tools 9.2.0.1: Available
- Apps 9.2 / Tools 9.2.0.3: **Planned**

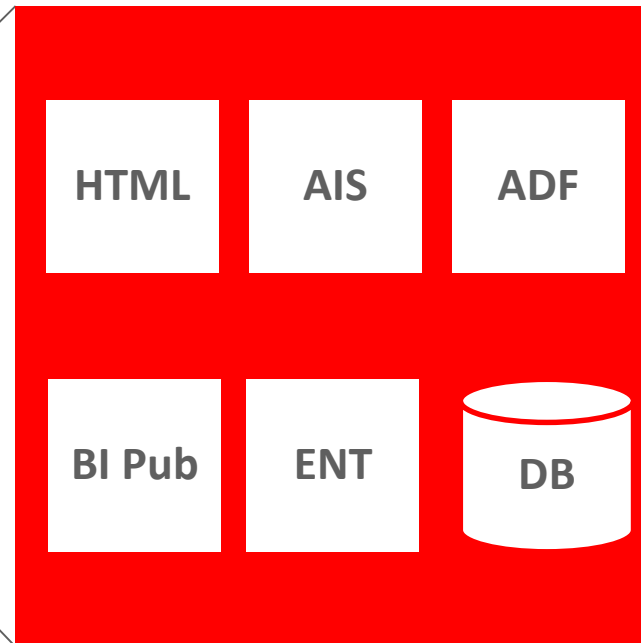
Offering 1: Trial Edition



“All-in-One”
Demo / Sandbox



2 – 3 hours



Single cloud instance shape:
oc4 (2 OCPUs x 15 GB) minimum
82 GB storage volume

Image Description:

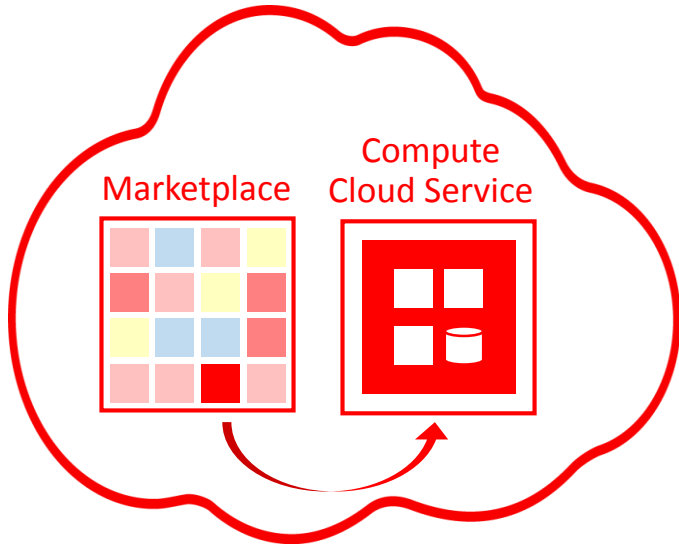
Updated

- Applications 9.2, Tools 9.2.0.3
- Path code: PS920
- Preconfigured for 10 users
- Components:
 - Enterprise Server
 - HTML Server
 - Database Server
 - AIS Server, ADF Server
 - BI Publisher
 - VM Configuration Tool
- No Server Manager
- No deployment server
- No patching, no upgrades
- Demo data only
- No tools to upload customer’s data

New!

New!

Offering 1: Trial Edition



“All-in-One”
Demo / Sandbox

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The screenshot shows the Oracle Cloud Marketplace page for the 'JDE 9.2 Trial Edition'. The page header includes the Oracle logo, 'Cloud Marketplace', and navigation links for 'Oracle Cloud Home', 'Resources', and a user profile 'Jean-Marc Digne'. The main content area features the 'JDE 9.2 Trial Edition' title, a star rating of 0, and a 'Get App' button. Below the title, it specifies 'Compute Cloud' and 'Virtual Machines, Applications Unlimited'. A description states: 'Accelerate JD Edwards EnterpriseOne deployment in the Oracle Public Cloud'. There are filters for 'Pricing' (set to 'Paid') and 'Device Type' (set to 'Browser'). A sidebar on the left contains navigation tabs: 'OVERVIEW' (selected), 'RATINGS (0)', and 'PROVIDER'. The main content area has sections for 'APP BY ORACLE', 'RELATED DOCUMENTS', and 'User Guides'. The 'APP BY ORACLE' section describes the trial instance. The 'RELATED DOCUMENTS' section lists several user guides and certification notes.

ORACLE® Cloud Marketplace

Oracle Cloud Home Resources Jean-Marc Digne

JDE 9.2 Trial Edition

★★★★★ (0)

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JD EDWARDS

Compute Cloud | Virtual Machines, Applications Unlimited

Accelerate JD Edwards EnterpriseOne deployment in the Oracle Public Cloud

Pricing: Paid

Device Type: Browser

Get App >

For questions or more information, contact the provider.

f t in link mail star

APP BY ORACLE

JD Edwards EnterpriseOne is a comprehensive suite of integrated global business applications. This machine image provided by Oracle allows your organization to create a Trial instance of JD Edwards EnterpriseOne Release 9.2 in the Oracle Compute Cloud.

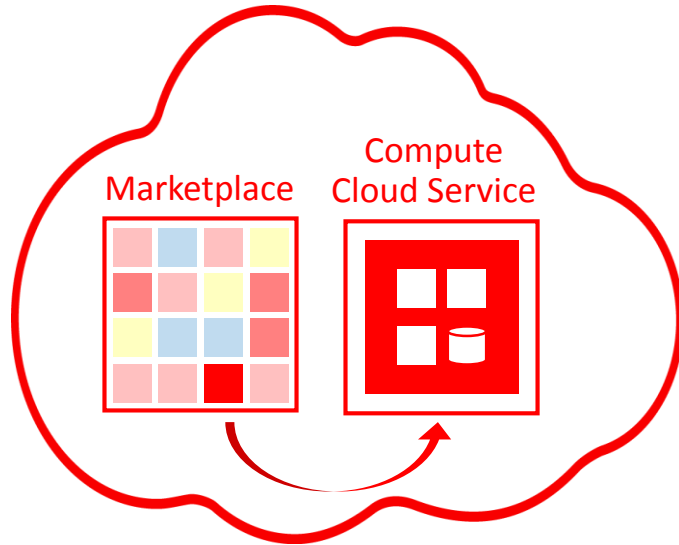
This 'All-in-One' Demo/Sandbox image enables customers to explore new functionality in JD Edwards EnterpriseOne Application Release 9.2, such as new industry modules, One View Financial Statements, Internet of Things Orchestrator, as well as mobile and user experience without installing JD Edwards EnterpriseOne in their data centers. Use this Trial instance to evaluate and test standard Oracle JD Edwards EnterpriseOne functionality and become familiar with the technology components and key features.

RELATED DOCUMENTS

User Guides

- Announcements and documentation for JD Edwards EnterpriseOne Mobile Applications
- Creating a JD Edwards EnterpriseOne 9.2 Environment in the Oracle Public Cloud
- JD Edwards Resource Library - Oracle
- Certification notes for JD Edwards EnterpriseOne Web Client 9.2.0.0 in MOS for browsers
- Certification notes for JD Edwards EnterpriseOne Mobile Access Using a Handheld Device

Offering 1: Trial Edition

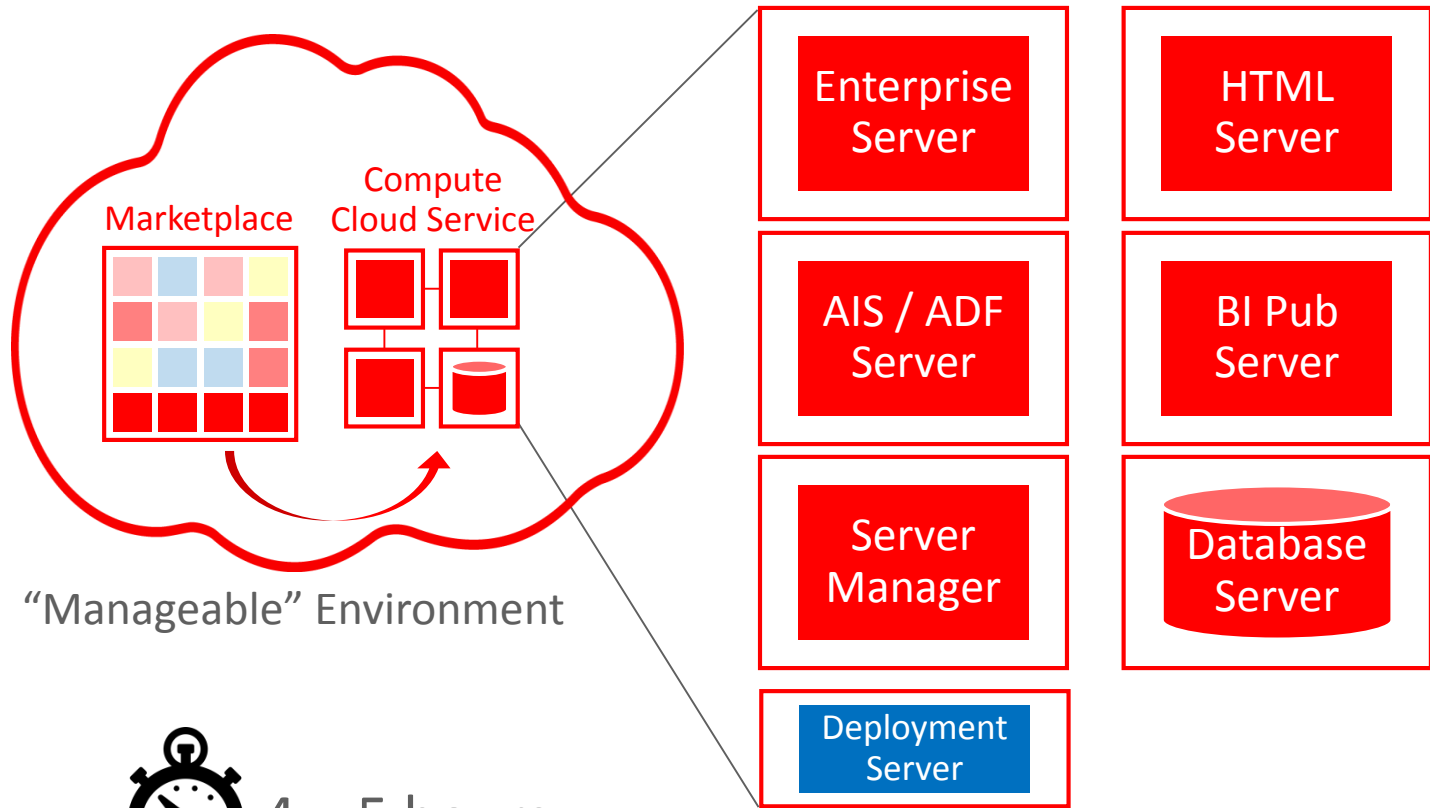


“All-in-One”
Demo / Sandbox

The screenshot shows the Oracle Cloud My Services interface. At the top, it says 'ORACLE CLOUD My Services' with navigation links for Dashboard, Users, and Notifications. Below that, there's a section for 'Oracle Compute Cloud Service' with tabs for Overview, Network, and Metrics. The main content area is titled 'Compute Cloud Service Instances > JDE E1 9.2 Trial Edition Instance'. It displays a server icon and the instance name 'JDE E1 9.2 Trial Edition Instance'. Key details include: Name: /Compute-usjdedemo466131/demojde/JDE_E1_9_2_Tri..., Status: Running (Since 2 minutes ago), Tags: JDE, iCompute-usjdedemo466131/demojde/JDE_E1_9..., Image: /Compute-usjdedemo466131/demojde/JDE_E1_9_2_Tri..., Shape: oc5, DNS Name: demojde1.compute-usjded..., OCPUs: 4, Memory: 30 GB, Public IP Address: XXX.XXX.XX.XXX, and Private IP Address: XX.XXX.X.XX. Below this, there are sections for 'Storage Volumes' (JDE_E1_92_Trial_Edition_Storage_Volume, 82 GB, Online), 'Security Lists' (JDESecurityList, Inbound/Outbound Policy: Permit), and 'SSH Public Keys' (JDEKey1, Status: Enabled).

Offering 2: Multitier Edition

Updated



“Manageable” Environment



4 – 5 hours

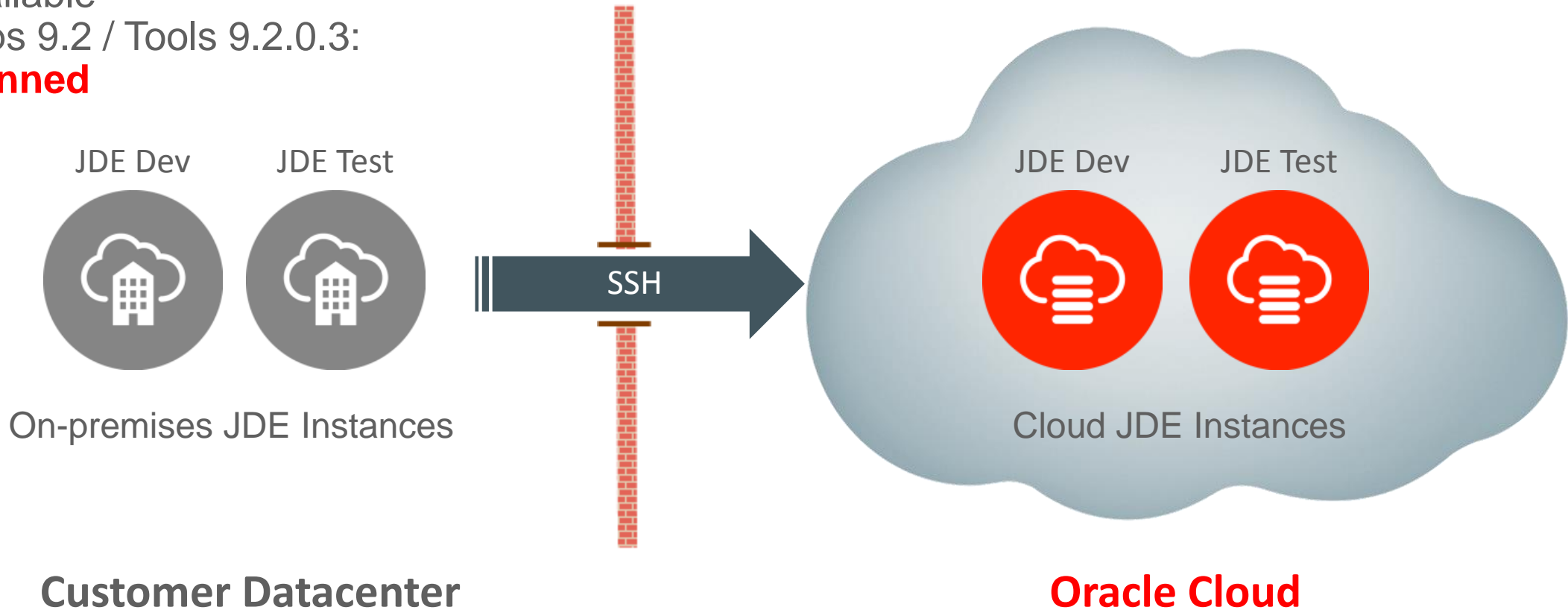
5 - 7 cloud instance shapes:
oc4 (2 OCPUs x 15 GB) minimum
174 GB storage volume (total)

Image Description:

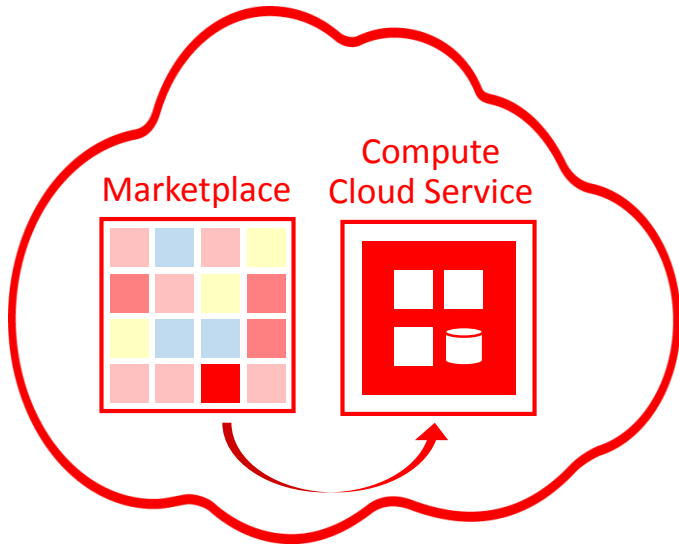
- Applications 9.2, Tools 9.2.0.3
- Path code: DV920, PY920, PS920
- Components:
 - Enterprise Server
 - HTML Server
 - Database Server
 - AIS, ADF, BI Pub **New**
 - Server Manager, Deployment Server
 - VM Configuration Tool **New**
- Patching & upgrades possible
- Deploy additional components using Server Manager
- Tools for uploading customer’s data and custom objects **(Planned)**
- Application Management Suite for JD Edwards EnterpriseOne

Migrate On-premise JD Edwards EnterpriseOne Instances

- Apps 9.1 / Tools 9.2.0.1:
Available
- Apps 9.2 / Tools 9.2.0.3:
Planned



Offering 2: Multitier Edition



“Manageable”
Environment

ORACLE® Cloud Marketplace Oracle Cloud Home Resources Jean-Marc Digne

PRODUCTS FILTER BY Sort icons

SEARCH RESULTS SORT BY Relevance

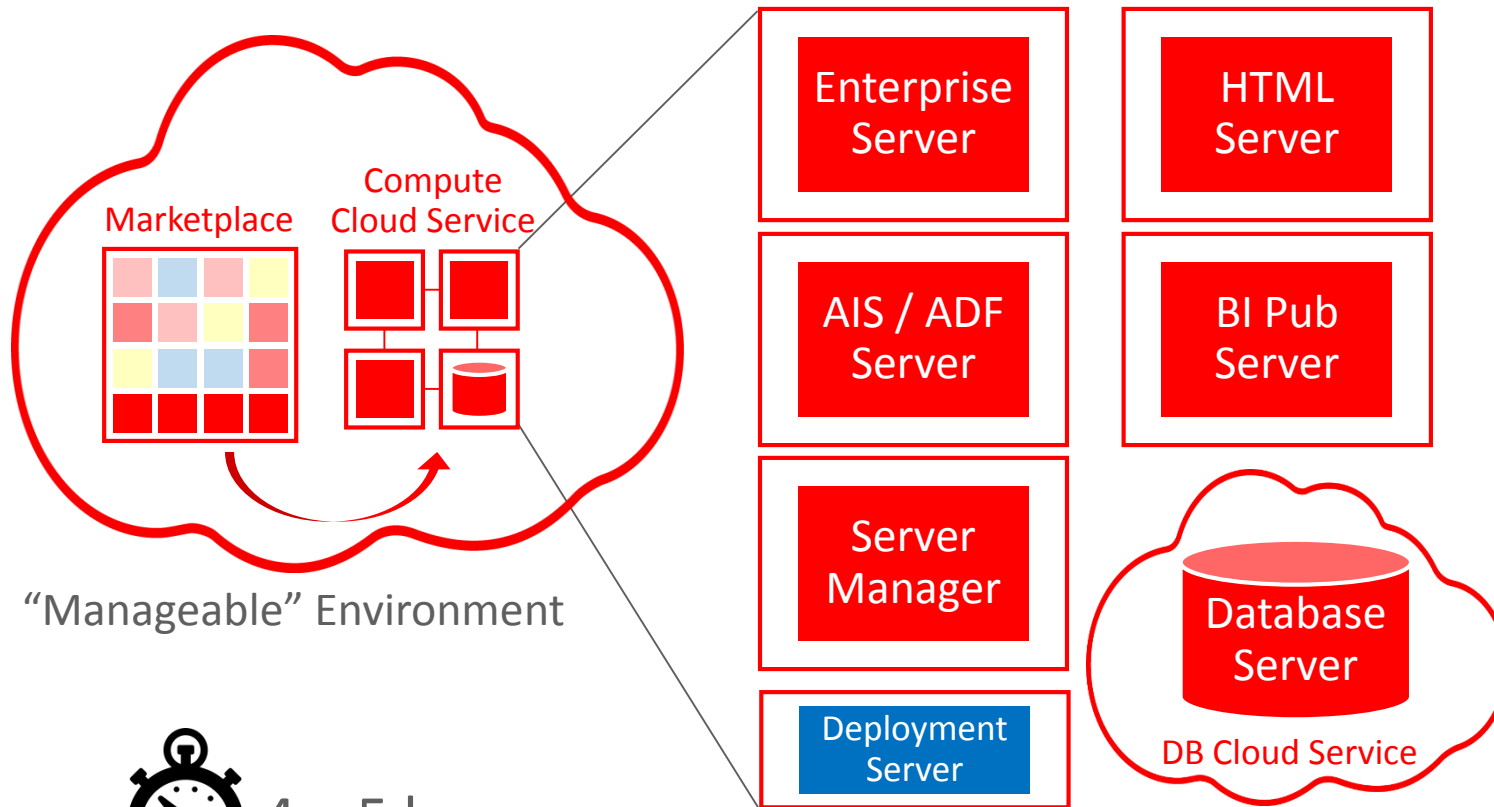
APPLICATIONS

SERVICES

| | | |
|--|---|--|
| JDE 9.2 Trial Edition 9.2 ★★★★★(0) | JDE 9.2 Deployment Server Image JD Edwards EnterpriseOne 9.2 ★★★★★(0) | JDE 9.2 OVR Server Image 9.2 Applications with TR 9.2.0.3 ★★★★★(0) |
| JDE 9.2 Server Manager Console 9.2 Applications with TR 9.2.0.3 ★★★★★(0) | JDE 9.2 AIS Server Image 9.2 Applications with TR 9.2.0.3 ★★★★★(0) | JDE 9.2 Database Server Image 9.2 Applications with TR 9.2.0.3 ★★★★★(0) |
| JDE 9.2 HTML Server Image 9.2 Applications with TR 9.2.0.3 ★★★★★(0) | JDE 9.2 Enterprise Server Image 9.2 Applications with TR 9.2.0.3 ★★★★★(0) | JDE 9.1.2 Server Manager Console 9.1.2 Applications with TR 9.2.0.1 ★★★★★(0) |

1 - 9 of 9

Offering 3: JD Edwards EnterpriseOne with Oracle Database Cloud Service



“Manageable” Environment



4 – 5 hours

4 - 6 cloud instance shapes:
oc4 (2 OCPUs x 15 GB) minimum
174 GB storage volume (total)

Image Description:

- Same components as Offering 2
 - **Subscription to Oracle Database Cloud Service:**
 - Standard Edition One
 - Enterprise Edition
 - EE – High Performance *
 - EE – Extreme Performance *
- * Refer to Certify for information on advanced database features

- Apps 9.1 / Tools 9.2.0.1: Available
- Apps 9.2 / Tools 9.2.0.3: **Planned**

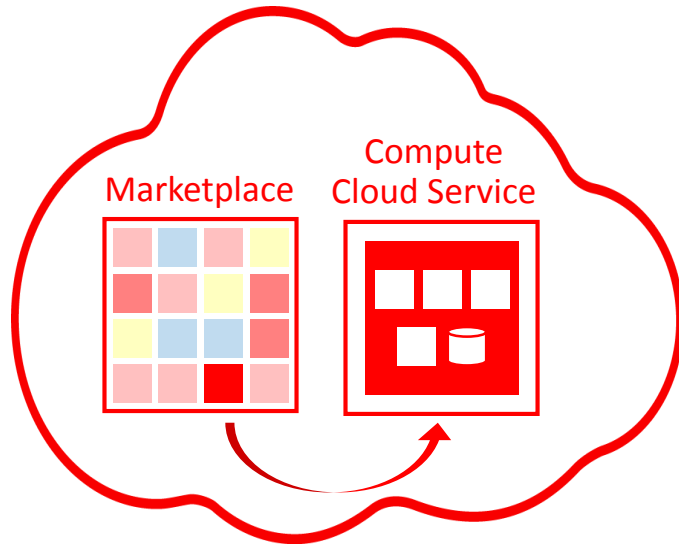
Deployment Server : Windows Server 2012 R2 for Microsoft Visual Studio

Deployment
Server

The screenshot shows the Oracle Cloud Marketplace interface. At the top, the Oracle logo and 'Cloud Marketplace' are on the left, and 'Oracle Cloud Home', 'Resources', and a user profile 'Jean-Marc Digne' are on the right. The main content area features a card for 'Microsoft Windows Server 2012 R2 Standard'. The card includes the Microsoft logo, a '2012 R2 Standard' badge, a 5-star rating with '(2)' reviews, and categories 'Compute Cloud' and 'Virtual Machines'. Pricing is listed as 'Paid' and the device type is 'Desktop'. A 'Get App' button is in the top right of the card. Below the card, there are social media icons for Facebook, Twitter, LinkedIn, a link icon, an email icon, and a star icon. A section titled 'APP BY ORACLE' contains a paragraph: 'Leverage Microsoft Windows Server 2012 R2 Standard Edition for your Windows based workloads on Oracle Public Cloud.' This is followed by a longer paragraph: 'This Oracle supported image of Microsoft Windows 2012 R2 Standard Edition allows you to run your Windows applications in Oracle Compute Cloud Service. Leverage your custom .NET applications to access Oracle Database as a Service within your compute account to host your end-to-end applications.' Another paragraph states: 'This Oracle provided image includes a Windows license.' Below this is a 'RELATED DOCUMENTS' section with a 'User Guides' sub-section containing a document icon and the title 'Working with Microsoft Windows Server 2012 R2 in Oracle Public Cloud'. On the left side of the marketplace page, there is a navigation menu with 'OVERVIEW' (selected), 'RATINGS (2)', and a building icon.

Three Deployment Choices on Oracle Cloud Marketplace

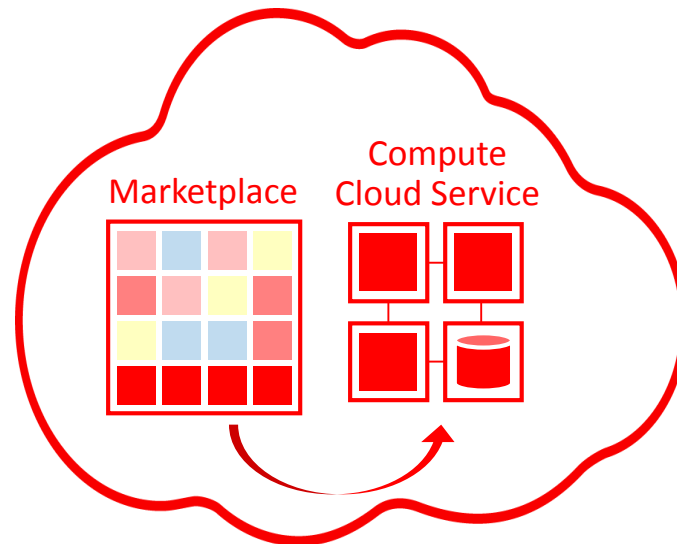
Offering 1: Trial Edition



“All-in-One” Demo / Sandbox

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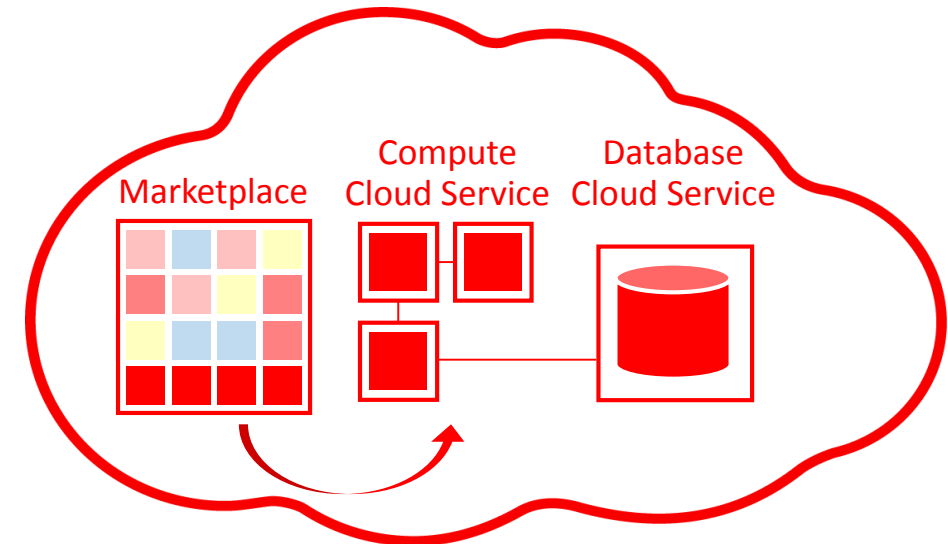
Offering 2: Multitier



“Manageable” Environment

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- Enterprise, HTML, & Database
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Offering 3: Database Cloud Service



Same components as Multitier, but with your data in Oracle Database Cloud Service

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JD Edwards EnterpriseOne on AWS, Azure, or Hosted

- JD Edwards certifies the operating system, database, middleware, and other platform components (see My Oracle Support Certifications)
- JD Edwards customers retain a choice of hardware, OS, database, and middleware platforms
- **We do not test or certify on AWS or on Azure**
- We do develop features for and test on Oracle Cloud

Licensing model: Bring Your Own License

| Stack Layer | Licensing for Traditional Deployment | Licensing for Marketplace Images |
|--|---|--|
| JD Edwards EnterpriseOne Applications | BYOL, Perpetual or Term license (no SaaS subscription). Usually licensed per Application User or Company Revenue. License includes usage on all servers in all environments. | |
| JD Edwards EnterpriseOne Core Tools and Infrastructure | BYOL, Perpetual or Term license (no SaaS subscription). Usually licensed per Application User or Company Revenue. License includes usage on all servers in all environments. Can be a discrete component or included in Oracle Technology Foundation. | |
| JD Edwards EnterpriseOne Deployment Server | <ul style="list-style-type: none"> • Requires a Windows Server 2012 R2 subscription from Oracle Compute CS. • BYOL for Microsoft Visual Studio. | |
| Web Application Server | <ul style="list-style-type: none"> • BYOL for WebLogic Server SE or EE • Full-use or Oracle Tech Foundation | <ul style="list-style-type: none"> • BYOL for WebLogic Server SE • Full-use or Oracle Tech Foundation |
| Database | <ul style="list-style-type: none"> • BYOL for Oracle Database SE 2 or EE • Full-use or Oracle Tech Foundation • Oracle Database Cloud Service (any edition) | <ul style="list-style-type: none"> • BYOL for Oracle Database EE • Oracle Database Cloud Service (any edition) |
| Hardware and Operating System | Oracle Compute/Storage/Network Cloud Service subscription | |

JD Edwards on the Oracle Cloud

Choose Your Oracle Cloud Service Level

Infrastructure Only (IaaS)

- Run JD Edwards on Oracle's Infrastructure as a Service (Oracle Compute Cloud)
- You continue to do JD Edwards database and application administration

Infrastructure + Database (PaaS)

- Run JD Edwards middle tiers on Oracle Compute Cloud
- Run JD Edwards database in Oracle Database Cloud Service (DBCS)
- You continue to do JD Edwards application administration

Infrastructure + Database + Application Management

- Leverage Oracle Managed Cloud Services (OMCS) for JD Edwards application management
- Leverage Oracle Partners for JD Edwards application management

Why JD Edwards on the Oracle Cloud?

Value for the Line of Business. Value for IT.

Growth

Elastic expansion without disruption.
“Templated” deployments.

Agility

Rapid, nimble deployments without
IT / infrastructure bottlenecks.

Cost

Predictable cost, commensurate with usage.

Low Risk

Complete integrated stack from a single vendor.



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ENTERPRISEONE**

Questions



Integrated Cloud

Applications & Platform Services

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JD Edwards EnterpriseOne Releases Supported on Oracle Public Cloud

| JD Edwards Applications Release | JD Edwards Tools Release | Manual Installation | Automated Install Marketplace Images | Notes |
|---------------------------------|--------------------------|---------------------|--------------------------------------|--|
| 9.2 | 9.2.x | Yes | Trial Edition Multitier | Plan to refresh Marketplace images periodically. |
| 9.1 | 9.2.x | Yes | Multitier only | Multitier 9.1 is upgradable to 9.2. |
| 9.0 | 9.1.x, 9.2.x | Yes | No | Technically possible; supported; not tested. Linux 6 is certified. Windows 2012 R2 is certified. |
| * 8.9, 8.10, 8.11, 8.12 | 8.98.4 | No | No | No Linux 6 certification. No Windows 2012 R2 certification. |
| * Xe / 8.0 | SP24 | No | No | No Linux support. No Windows 2012 R2 certification. |
| World | N/A | No | No | Impossible. World runs only on IBM i. Migration to EnterpriseOne is required. |