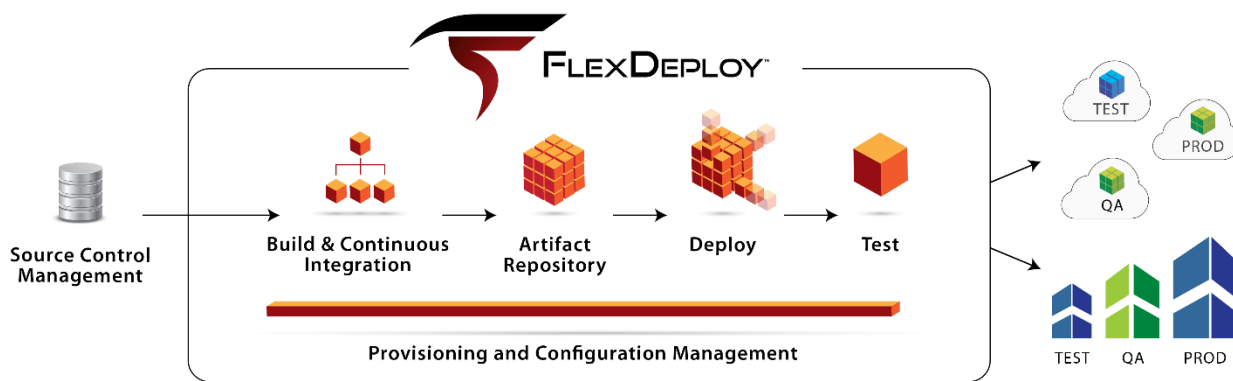


# FlexDeploy for Oracle Cloud



There is a lot of promise and value with cloud-based solutions, from improvements in business agility, to lowering the cost and complexity of managing IT environments. Flexagon customers capitalize on cloud opportunities via FlexDeploy's extensive support for the management of cloud provisioning, configuration management, build, deployment, and release automation across IaaS, PaaS, and SaaS.

The end-to-end lifecycle management within FlexDeploy provides an opportunity to more effectively leverage cloud services to optimize the speed, quality, and cost advantages associated with cloud-based environment management and resource utilization. FlexDeploy's "Deploy Anywhere" mantra rings true for the vast array of deployment endpoints, such as in the cloud, on-premises, IOT devices, or mobile.



Using FlexDeploy for Oracle IaaS and PaaS, businesses can quickly and easily stand up, manage, and tear down full-stack environments. There are many business benefits of using FlexDeploy in concert with Oracle Cloud IaaS and PaaS including, but certainly not limited to, the following:

- Drive business innovation and agility – Quickly stand up and tear down environments, providing the ability to react quickly when business opportunities arise, and speed to market is essential.
- Improve utilization and lower the cost of environment resources – In many cases, test environments are utilized during the core business hours only. On nights and weekends, most environments sit idle. Environment utilization and cost improvements can be significant, using metered services to only pay for what you use or more effectively use a fixed set of resources.
- Increase productivity – IT organizations can shift their focus from provisioning and maintaining environments to providing applications and solutions that address business challenges and opportunities.

FlexDeploy provides pre-built plugins for provisioning and managing the following Oracle Cloud IaaS and PaaS Services:

- IaaS – Compute, Storage
- PaaS – Database, Java, SOA, Application Container

The FlexDeploy plugins for Oracle Cloud include operations such as creating, deleting, starting, stopping, and scaling the cloud services. FlexDeploy workflows leverage these plugin operations to automate the processes

versus using the Oracle UI to manually perform the activities. ([For more information, see the overview of the Oracle IaaS Compute and Storage support within FlexDeploy on our blog.](#))

Not only do the FlexDeploy plugins for IaaS and PaaS automate the process to increase speed and quality, the features for controls and visibility are also very beneficial. For example, scheduling, approvals, dashboards, and reports can be used to ensure the appropriate level of controls are in place, the process is auditable, and you know exactly who, what, and where changes are being made over time.

Most business and IT leaders are looking to achieve significant improvements delivering technology-based solutions. The FlexDeploy support for Oracle IaaS and PaaS further strengthens the DevOps and Application Release Automation platform, and improves the ability for customers to compete in the digital world.

## Oracle Cloud + Flexagon FlexDeploy – A Perfect Combination

The Oracle Cloud and FlexDeploy are a perfect match, delivering the following benefits.

- The Oracle Cloud and FlexDeploy are built upon existing technology standards and provide the ability for applications to work seamlessly on-premises and in the Oracle Cloud. FlexDeploy customers have the choice of running FlexDeploy on-premises or in the Oracle Cloud, and can use FlexDeploy to deploy to on-premises, cloud, and hybrid architectures. Starting with Dev/Test environments can be a logical first step for users, ultimately moving to Production when they are confident. The following screenshot highlights FlexDeploy's advanced pipeline and release automation features, including the use of Oracle IaaS for the Development stage, PaaS for the Test stage, and on premises for Production. FlexDeploy makes it easy to leverage hybrid cloud solutions to gain maximum flexibility and effectiveness of resource utilization and extensive automation across the Build, Deployment, Release lifecycle.

The screenshot displays the FlexDeploy web interface. At the top, there's a navigation bar with tabs: Home, Dashboard, Projects, Workflows, Releases (selected), Pipelines, Reports, Topology, Tasks, and Administration. Below the navigation bar, the main header shows 'OOO 2017 Release' with a date '9/19/2017 - ...' and a status 'STARTED'. To the right, it says 'OOO Pipeline' with 'Refresh' and 'Back' buttons. The main content area is divided into three columns: 'Pipeline Executions', 'Execution', and 'Projects'. The 'Pipeline Executions' column on the left shows a list of recent runs with timestamps and status (Running, Successful). The 'Execution' column in the center shows the current step 'Integration tests on Test (PaaS)' with a duration of '4 min'. It details 'Gates' (Every Night at 11pm, Check Test Results) and 'Steps' (1. Deploy All, 2. Integration tests, 2. Functional tests, 3. Manual testing, 4. Notify). The 'Projects' column on the right shows the 'Production' environment with its own 'Gates' (Approve, Check Test Results) and 'Steps' (1. Deploy All, 2. Manual Check, 3. Notify). Arrows indicate the flow from Dev (IaaS) to Test (PaaS) to Production.

- FlexDeploy is a DevOps and Application Release Automation Platform which automates the software provisioning through release lifecycle, helping achieve more Continuous Delivery of software solutions. FlexDeploy helps establish repeatable and efficient processes so customers can spend more time delivering business applications versus infrastructure. Customers who choose to run FlexDeploy on the Oracle Java Cloud can minimize the time spent on infrastructure and middleware management.
- FlexDeploy with Oracle Cloud IaaS and PaaS provide flexibility and choice. Customers can decide on the levels of service and capacity needed to support their software development activities across their test and production environments. FlexDeploy helps automate the management of the cloud-based environment, resulting in a faster and more cost-effective approach to running IT.
- Using FlexDeploy with Oracle Cloud IaaS or PaaS makes it easy to transition from on-premises to the cloud. Database, Java, and SOA based applications can easily move to the corresponding PaaS service. Bring your DB, Fusion Middleware, and BI licenses with you to PaaS. The Oracle Cloud is built on enterprise grade engineered systems, designed for the level of quality and services many customers have come to expect while running the Oracle Database and Fusion Middleware on-premises.

#### Database and Developer Tools

**ORACLE**  
DATABASE

**ORACLE**  
FUSION MIDDLEWARE  
JDeveloper

**ORACLE**  
FUSION MIDDLEWARE  
APPLICATION DEVELOPMENT  
FRAMEWORK

**ORACLE** 12<sup>c</sup>  
ENTERPRISE MANAGER  
Application  
Testing Suite

#### Fusion Middleware

**ORACLE**  
FUSION MIDDLEWARE  
SOA SUITE

**ORACLE**  
FUSION MIDDLEWARE  
WEBLOGIC SUITE  
WebLogic Server

**ORACLE**  
FUSION MIDDLEWARE  
WEBLOGIC SUITE  
WebLogic Resource Management

**ORACLE**  
FUSION MIDDLEWARE  
DATA INTEGRATOR

**ORACLE**  
FUSION MIDDLEWARE  
WEBCENTER

**ORACLE**  
FUSION MIDDLEWARE  
SERVICE BUS

**ORACLE**  
FUSION MIDDLEWARE  
SOA SUITE  
Oracle B2B

**ORACLE**  
FUSION MIDDLEWARE  
WEBLOGIC SUITE

**ORACLE**  
FUSION MIDDLEWARE  
MDS

**ORACLE**  
FUSION MIDDLEWARE  
BPM

#### Cloud IaaS & PaaS

**ORACLE**  
CLOUD SOLUTIONS  
Java Cloud - Provision

**ORACLE**  
CLOUD SOLUTIONS  
Oracle SOA Cloud - Deploy

**ORACLE**  
CLOUD SOLUTIONS  
Application Container Cloud

**ORACLE**  
CLOUD SOLUTIONS  
Database Cloud - Deploy

**ORACLE**  
CLOUD SOLUTIONS  
Database Cloud - Provision

**ORACLE**  
CLOUD SOLUTIONS  
SOA Cloud - Provision

**ORACLE**  
CLOUD SOLUTIONS  
Oracle Java Cloud - Deploy

**ORACLE**  
CLOUD SOLUTIONS  
IaaS - Provision

- The many FlexDeploy plugins for Database, Tools, and Fusion Middleware can be used both on premises and in the cloud, with no changes.
- By offloading the work associated with IaaS and PaaS related services to Oracle, customers can focus on delivering business centric software solutions. The FlexDeploy and Oracle Cloud combination helps customers provision and manage environments, and build, deploy, and release their applications in the most efficient way possible. They don't have to worry about the underlying infrastructure or platform; that's all managed by Flexagon and Oracle.

#### Bringing it Home

FlexDeploy provides extensive support for Oracle Cloud IaaS and PaaS. Whether in cloud-native solutions or a lift and shift of on premises solutions to the cloud, FlexDeploy helps automate the processes for provisioning, configuration management, and the build/deploy/test process for moving software across development and production environments.