

# Oracle® Public Cloud Machine

What's New for Oracle Java Cloud Service

Release 17.1

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April 2017

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## What's New for Oracle Java Cloud Service

When Oracle Java Cloud Service features are added or enhanced on Oracle Public Cloud Machine, you need to request an upgrade of your Oracle Public Cloud Machine to be able to use the additions and enhancements. For more information on upgrade requests, contact your Oracle Cloud Administrator.



Here's a summary of the Oracle Java Cloud Service additions and enhancements in Oracle Public Cloud Machine.

### Topics

- [April 2017](#)
- [October 2016](#)

### April 2017

Feature	Description
Instance Creation Wizard updated	<p>The Provision New Java Cloud Service wizard has been consolidated from five pages to three. See <i>Specifying Basic Service Instance Information</i>, <i>Specifying the Service Instance Details</i>, and <i>Confirming Your Oracle Java Cloud Service Instance Creation</i> in <i>Using Oracle Java Cloud Service</i>.</p> <p>On the Service Details page of the Instance Creation Wizard some fields have been moved to an Advanced section:</p> <ul style="list-style-type: none"><li>• Domain Partitions</li><li>• Deploy Sample Application</li></ul> <p>See <i>Configuring Advanced Settings</i> in <i>Using Oracle Java Cloud Service</i>.</p>
Disable backups	<p>You can disable backups for an Oracle Java Cloud Service instance after it has been created. See <i>Disabling or Enabling Backups for an Oracle Java Cloud Service Instance</i> in <i>Using Oracle Java Cloud Service</i>.</p>

Feature	Description
Topology page removed	<p>The Topology tile and Topology page have been removed from the Oracle Java Cloud Service user interface. Functionality such as scaling has been moved to the Instance Overview page. See <a href="#">Exploring the Oracle Java Cloud Service Instance Overview Page</a> in <i>Using Oracle Java Cloud Service</i>.</p>
Scaling process changed	<p>As a result of the removal of the Topology page, launching a scaling process has changed.</p> <ul style="list-style-type: none"> <li>You now launch a scale-out (that is, add a cluster) from both the Instance's Administration and Overview pages, either by clicking the scale-out icon (  ) in the toolbar or from the service menu (  ) at the top of the page, adjacent to the service name. See <a href="#">Scaling Out an Oracle Java Cloud Service Cluster</a>.</li> <li>You launch scale-in and node scaling (scale up/down) processes from the node line item on the Overview page. See <a href="#">Scaling In an Oracle Java Cloud Service Cluster</a> and <a href="#">Scaling an Oracle Java Cloud Service Node</a>.</li> </ul> <p>Additionally, you now view scaling request activity on the Platform Service Console Activity page, either by directly accessing that page or by clicking <b>View Activity</b> on the service menu at the top of the instance's Administration and Overview pages, adjacent to the service name. See <a href="#">Viewing Scaling Requests</a>.</p>
Remote deployment to port 7002 without an SSH tunnel	<p>You can remotely connect to the Administration Server by using port 7002 from WLST and other tools. You can continue to create an SSH tunnel to remotely connect to port 9001 on existing service instances. See <a href="#">Running WLST Commands from a Different Host and Understanding the Default Access Ports</a> in <i>Using Oracle Java Cloud Service</i>.</p>

## October 2016

Feature	Description
Generate SSH Keys	Oracle Java Cloud Service now gives you the option to generate SSH keys while you create a service instance. Previously, you were required to generate SSH keys before you began creating your service instance. See <i>Configuring the Service Details</i> in <i>Using Oracle Java Cloud Service</i> .
Create multiple partitions	While creating a service instance, if you select WebLogic Server 12c (12.2.1) for the software release, and Enterprise Edition or Enterprise Edition with Coherence for the edition, you can now create 0, 1, 2, or 4 partitions. Previously, you could only create 0 or 1 partition. See <i>Configuring the Service Details</i> in <i>Using Oracle Java Cloud Service</i> .
New features for the Oracle Java Cloud Service Console	<p>The Oracle Java Cloud Service Console has new features that make the look, feel, and functionality consistent with other Cloud services.</p> <ul style="list-style-type: none"> <li>• New Services menu, opening a Platform Services page that displays the other services available to you. See <i>Managing Platform Services</i> in <i>Exploring the Platform Services Page</i> in <i>Using Oracle Java Cloud Service</i>.</li> <li>• Activity feature moved from the drop-down menu to a tab. See <i>Exploring the Oracle Java Cloud Service Console Page</i> and <i>Viewing Activity for Oracle Java Cloud Service Instances</i> in <i>Using Oracle Java Cloud Service</i>.</li> <li>• SSH Access feature moved from the drop-down menu to a tab. See <i>Exploring the Oracle Java Cloud Service Console Page</i> and <i>Managing SSH Access for Service Instances in an Identity Domain</i> in <i>Using Oracle Java Cloud Service</i>.</li> </ul>
Specify multiple nodes and a load balancer for service instances based on WebLogic Server 12.2.1	You can now specify multiple nodes when you create an Oracle Java Cloud Service instance based on the Oracle WebLogic Server 12c (12.2.1) release. If you specify multiple nodes, you can also configure a load balancer with one or more nodes. In previous releases, you could only create a service instance with one node, and you could not configure a load balancer. See <i>Configuring the Service Details</i> in <i>Using Oracle Java Cloud Service</i> .

Feature	Description
Customize JVM settings with the REST API	<p>When you create an Oracle Java Cloud Service instance by using the REST API, you can override the default JVM settings that are used by the WebLogic Server processes in the service instance, such as heap size. See the <a href="#">REST API for Oracle Java Cloud Service</a>.</p> <p>You cannot specify custom JVM settings when creating a service instance with the web console.</p>
Apply new patches	<p>New patches are available:</p> <ul style="list-style-type: none"> <li>• Patch Set Update (PSU) for Oracle WebLogic Server</li> <li>• Java Development Kit (JDK) update for Oracle WebLogic Server</li> <li>• Patches for Oracle Traffic Director (OTD) for service instances based on Oracle WebLogic Server 11g and 12c (12.1.3). OTD patches are not available for service instances based on Oracle WebLogic Server 12c (12.2.1).</li> </ul> <p>You can see the availability of a patch on the Administration tile and on the Patching page. See <a href="#">Applying a Patch to an Oracle Java Cloud Service Instance and Exploring the Patching Page in Using Oracle Java Cloud Service</a>.</p>

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Documentation for Oracle Process Cloud Service that describes new and changed features.