Oracle® Public Cloud Machine

What's New for Oracle Java Cloud Service

Release 17.1

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April 2017

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

Feature	Description
Instance Creation Wizard updated	The Provision New Java Cloud Service wizard has been consolidated from five pages to three. See Specifying Basic Service Instance Information, Specifying the Service Instance Details, and Confirming Your Oracle Java Cloud Service Instance Creation in *Using Oracle Java Cloud Service*. On the Service Details page of the Instance Creation Wizard some fields have been moved to an Advanced section: • Domain Partitions • Deploy Sample Application See Configuring Advanced Settings in *Using Oracle Java Cloud Service*.
Disable backups	You can disable backups for an Oracle Java Cloud Service instance after it has been created. See Disabling or Enabling Backups for an Oracle Java Cloud Service Instance in *Using Oracle Java Cloud Service*.

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Feature	Description
Topology page removed	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 Exploring the Oracle Java Cloud Service Instance Overview Page in *Using Oracle Java Cloud Service*.
Scaling process changed	As a result of the removal of the Topology page, launching a scaling process has changed. • 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 Scaling Out an Oracle Java Cloud Service Cluster. • You launch scale-in and node scaling (scale up/down) processes from the node line item on the Overview page. See Scaling In an Oracle Java Cloud Service Cluster and Scaling an Oracle Java Cloud Service Node. Additionally, you now view scaling request activity on the Platform Service Console Activity page, either by directly accessing that page or by clicking **View Activity** on the service menu at the top of the instance's Administration and Overview pages, adjacent to the service name. See Viewing Scaling Requests.
Remote deployment to port 7002 without an SSH tunnel	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 Running WLST Commands from a Different Host and Understanding the Default Access Ports in *Using Oracle Java Cloud Service*.

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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 Configuring the Service Details in *Using Oracle Java Cloud Service*.
Create multiple partitions	While creating a service instance, if you select WebLogic Server 12*c* (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 Configuring the Service Details in *Using Oracle Java Cloud Service*.
New features for the Oracle Java Cloud Service Console	The Oracle Java Cloud Service Console has new features that make the look, feel, and functionality consistent with other Cloud services. • New Services menu, opening a Platform Services page that displays the other services available to you. See Managing Platform Services in Exploring the Platform Services Page in *Using Oracle Java Cloud Service*. • Activity feature moved from the drop-down menu to a tab. See Exploring the Oracle Java Cloud Service Console Page and Viewing Activity for Oracle Java Cloud Service Instances in *Using Oracle Java Cloud Service*. • SSH Access feature moved from the drop-down menu to a tab. See Exploring the Oracle Java Cloud Service Console Page and Managing SSH Access for Service Instances in an Identity Domain in *Using Oracle Java Cloud Service*.
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 12*c* (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 Configuring the Service Details in *Using Oracle Java Cloud Service.*

Feature	Description
Customize JVM settings with the REST API	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 REST API for Oracle Java Cloud Service.
	You cannot specify custom JVM settings when creating a service instance with the web console.
Apply new patches	New patches are available:
	• Patch Set Update (PSU) for Oracle WebLogic Server
	• Java Development Kit (JDK) update for Oracle WebLogic Server
	• Patches for Oracle Traffic Director (OTD) for service instances based on Oracle WebLogic Server 11*g* and 12*c* (12.1.3). OTD patches are not available for service instances based on Oracle WebLogic Server 12*c* (12.2.1).
	You can see the availability of a patch on the Administration tile and on the Patching page. See Applying a Patch to an Oracle Java Cloud Service Instance and Exploring the Patching Page in *Using Oracle Java Cloud Service*.

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