

Oracle® Cloud at Customer

What's New for Oracle Cloud at Customer

Release 21

F34266-21

June 2024

What's New for Oracle Cloud at Customer 21.1.0.0.240620

This document lists the new features and enhancements added to Oracle Cloud at Customer and Oracle Cloud services.

Topics

- [What's New for Oracle Cloud at Customer 21.1.0.0.240620](#)
- [What's New for Oracle Cloud Services on Oracle Cloud at Customer](#)

What's New for Oracle Cloud at Customer 21.1.0.0.240620

Oracle Cloud at Customer 21.1.0.0.240620 introduces the following new features and capabilities:

- Security updates to Oracle Cloud at Customer Control Plane
- ExaCloud Rest API (ECRA) update to ECS_19.1.1.1.0_LINUX.X64_240530.2237
- Update of several Oracle Cloud services to new versions. Learn more about the new versions at [What's New for Oracle Cloud Services on Oracle Cloud at Customer](#).

Note:

The requirements/prerequisites for this patch: OCC 21.1.0.0.231220.

What's New for Oracle Cloud Services on Oracle Cloud at Customer

The following table lists the Oracle Cloud services. New service versions with the latest patch noted with an asterisk (*) and Bold fonts.

Cloud Service on Oracle Cloud at Customer	Version	Service Features
Java Cloud Service (JCS)	*24.2.1-240419060545	Patches Included in Oracle Java Cloud Service April 2024 FMW PSU patches for 12.2.1.4
Oracle Integration Cloud (OIC)	23.3.3-230808190049434	What's New for Oracle Integration Cloud Aug 2023 - Version 23.3.3
Oracle SOA Cloud Service (SOACS)	23.3.1_2308230211	What's New in Oracle SOA Cloud Service
Oracle Analytics Cloud	106.4.0-333	What's New for Oracle Analytics Cloud September 2023 Update
Database Cloud Service (DBCS)	23.1.3_903	What's New in Database Classic Cloud Service
Data Integrator Cloud Service (DICS)	19.1.3.0.202004130527	What's New for Oracle Data Integration Platform Cloud
GoldenGate Cloud Service (GGCS)	18.4.3.0.894	What's New in Oracle GoldenGate Cloud Service

What's New for Oracle Cloud at Customer 21.1.0.0.231220

This document lists the new features and enhancements added to Oracle Cloud at Customer and Oracle Cloud services.

Topics

- [What's New for Oracle Cloud at Customer 21.1.0.0.231220](#)
- [What's New for Oracle Cloud Services on Oracle Cloud at Customer](#)

What's New for Oracle Cloud at Customer 21.1.0.0.231220

Oracle Cloud at Customer 21.1.0.0.231220 introduces the following new features and capabilities:

- Security updates to Oracle Cloud at Customer Control Plane

- Update of several Oracle Cloud services to new versions. Learn more about the new versions at [What's New for Oracle Cloud Services on Oracle Cloud at Customer](#)

 **Note:**

The requirements/prerequisites for this patch: OCC 21.1.0.0.230620.

What's New for Oracle Cloud Services on Oracle Cloud at Customer

The following table lists the Oracle Cloud services. New service versions with the latest patch noted with an asterisk (*).

Cloud Service on Oracle Cloud at Customer	Version	Service Features
Oracle SOA Cloud Service (SOACS)	*23.3.1_2308230211	What's New in Oracle SOA Cloud Service
Oracle Integration Cloud (OIC)	*23.3.3-230808190049434	What's New for Oracle Integration Aug 2023 - Version 23.3.3
Oracle Analytics Cloud	*106.4.0-333	What's New for Oracle Analytics Cloud September 2023 Update
Java Cloud Service (JCS)	*23.4.1-231025084743	Patches Included in Oracle Java Cloud Service Oct 2023 FMW PSU patches for WLS 12.2.1.4
Database Cloud Service (DBCS)	23.1.3_903	What's New in Database Classic Cloud Service
Data Integrator Cloud Service (DICS)	19.1.3.0.202004130527	What's New for Oracle Data Integration Platform Cloud
GoldenGate Cloud Service (GGCS)	18.4.3.0.894	What's New in Oracle GoldenGate Cloud Service

What's New for Oracle Cloud at Customer 21.1.0.0.230620

This document lists the new features and enhancements added to Oracle Cloud at Customer and Oracle Cloud services.

Topics

- [What's New for Oracle Cloud at Customer 21.1.0.0.230620](#)
- [What's New for Oracle Cloud Services on Oracle Cloud at Customer](#)

What's New for Oracle Cloud at Customer 21.1.0.0.230620

Oracle Cloud at Customer 21.1.0.0.230620 introduces the following new features and capabilities:

- Security updates to Oracle Cloud at Customer Control Plane
- Update of several Oracle Cloud services to new versions. Learn more about the new versions at [What's New for Oracle Cloud Services on Oracle Cloud at Customer](#)
- PaaS Service Manager (PSM) update to 23.1.3-903

Note:

The requirements/prerequisites for this patch: OCC 21.1.0.0.221220.

What's New for Oracle Cloud Services on Oracle Cloud at Customer

The following table lists the Oracle Cloud services. New service versions with the latest patch noted with an asterisk (*).

Cloud Service on Oracle Cloud at Customer	Version	Service Features
Oracle SOA Cloud Service (SOACS)	*23.1.1_2303090155	What's New in Oracle SOA Cloud Service March 2023 - Version 23.1.1
Oracle Integration Cloud (OIC)	*23.1.2-230208110048214	What's New for Oracle Integration Feb 2023 - Version 23.1.2
Oracle Analytics Cloud	*106.4.0-330	What's New for Oracle Analytics Cloud March 2023 Update
Java Cloud Service (JCS)	*23.1.1-230217081251	Patches Included in Oracle Java Cloud Service Jan 2023 FMW PSU patches for WLS 12.2.1.3 and 12.2.1.4.
Database Cloud Service (DBCS)	*23.1.3_903	What's New in Database Classic Cloud Service

Cloud Service on Oracle Cloud at Customer	Version	Service Features
Data Integrator Cloud Service (DICS)	19.1.3.0.202004130527	What's New for Oracle Data Integration Platform Cloud
GoldenGate Cloud Service (GGCS)	18.4.3.0.894	What's New in Oracle GoldenGate Cloud Service

What's New for Oracle Cloud at Customer 21.1.0.0.221220

This document lists the new features and enhancements added to Oracle Cloud at Customer and Oracle Cloud services.

Topics

- [What's New for Oracle Cloud at Customer 21.1.0.0.221220](#)
- [What's New for Oracle Cloud Services on Oracle Cloud at Customer](#)

What's New for Oracle Cloud at Customer 21.1.0.0.221220

Oracle Cloud at Customer 21.1.0.0.221220 introduces the following new features and capabilities:

- Security updates to Oracle Cloud at Customer Control Plane
- Update of several Oracle Cloud services to new versions. Learn more about the new versions at [What's New for Oracle Cloud Services on Oracle Cloud at Customer](#).
- PaaS Service Manager (PSM) update to 21.3.2-914

What's New for Oracle Cloud Services on Oracle Cloud at Customer

 **Note:**

- The requirements/prerequisites for this patch: OCC 21.1.0.0.220620.
- For OIC instances, perform the workaround outlined at <https://docs.oracle.com/en/cloud/paas/integration-cloud/known-issues/integrations-issues.html#GUID-B3841776-56FE-49C1-AD99-BDA4E3EF0125> as applicable.

The following table lists the Oracle Cloud services. New service versions with the latest patch noted with an asterisk (*).

Cloud Service on Oracle Cloud at Customer	Version	Service Features
Oracle SOA Cloud Service (SOACS)	*22.3.3_2209270103	What's New in Oracle SOA Cloud Service
Oracle Integration Cloud (OIC)	*22.3.2-220807190045875	What's New for Oracle Integration Aug 2022 - Version 22.3.2
Oracle Analytics Cloud	*106.4.0.328	What's New for Oracle Analytics Cloud September 2022 Update
Java Cloud Service (JCS)	*22.4.1-221018124814	Patches Included in Oracle Java Cloud Service Oct 2022 FMW PSU patches for WLS 12.2.1.3 and 12.2.1.4.
Database Cloud Service (DBCS)	*21.3.2_914	What's New in Database Classic Cloud Service
Data Integrator Cloud Service (DICS)	19.1.3.0.202004130527	What's New for Oracle Data Integration Platform Cloud
GoldenGate Cloud Service (GGCS)	18.4.3.0.894	What's New in Oracle GoldenGate Cloud Service

What's New for Oracle Cloud at Customer 21.1.0.0.220620

This document lists the new features and enhancements added to Oracle Cloud at Customer and Oracle Cloud services.

Topics

- [What's New for Oracle Cloud at Customer 21.1.0.0.220620](#)
- [What's New for Oracle Cloud Services on Oracle Cloud at Customer](#)

What's New for Oracle Cloud at Customer 21.1.0.0.220620

Oracle Cloud at Customer 21.1.0.0.220620 introduces the following new features and capabilities:

- Security updates and kernel upgrades to Oracle Cloud at Customer Control Plane.
- Update of several Oracle Cloud services to new versions. Learn more about the new versions at [What's New for Oracle Cloud Services on Oracle Cloud at Customer](#).
- PaaS Service Manager (PSM) update to 21.3.2-913.

What's New for Oracle Cloud Services on Oracle Cloud at Customer

 **Note:**

- The requirements/prerequisites for this patch: OCC 21.1.0.0.211213.

The following table lists the Oracle Cloud services. New service versions with the latest patch noted with an asterisk (*).

Cloud Service on Oracle Cloud at Customer	Version / Log4j Remediation	Link to Service Features
Oracle SOA Cloud Service (SOACS)	*22.2.1_2205270079	What's New in Oracle SOA Cloud Service
Oracle Integration Cloud (OIC)	*22.2.2-220508070044253	What's New for Oracle Integration May 2022 - Version 22.2.2
Java Cloud Service (JCS)	*22.2.1_220428050858	Patches Included in Oracle Java Cloud Service April 2022 FMW PSU patches for WLS 12.2.1.3 and 12.2.1.4.
Database Cloud Service (DBCS)	*21.3.2_913	What's New in Database Classic Cloud Service
Oracle Analytics Cloud	106.4.0.323	What's New for Oracle Analytics Cloud Assuming the release of OAC version is 106.4.0.323, which is OPC Release January 2022 Update (6.4).

Cloud Service on Oracle Cloud at Customer	Version / Log4j Remediation	Link to Service Features
Data Integrator Cloud Service (DICS)	19.1.3.0.202004130527	What's New for Oracle Data Integration Platform Cloud
GoldenGate Cloud Service (GGCS)	18.4.3.0.894	What's New in Oracle GoldenGate Cloud Service

What's New for Oracle Cloud at Customer 21.1.0.0.211213

This document lists the new features and enhancements added to Oracle Cloud at Customer and Oracle Cloud services.

Topics

- [What's New for Oracle Cloud at Customer 21.1.0.0.211213](#)
- [What's New for Oracle Cloud Services on Oracle Cloud at Customer](#)

What's New for Oracle Cloud at Customer 21.1.0.0.211213

Oracle Cloud at Customer 21.1.0.0.211213 introduces the following new features and capabilities:

- Security updates and kernel upgrades to Oracle Cloud at Customer Control Plane
- Update of several Oracle Cloud services to new versions. Learn more about the new versions at [What's New for Oracle Cloud Services on Oracle Cloud at Customer](#).
- ExaCloud Rest API (ECRA) update to ECS_19.1.1.10_LINUX.X64_220209.1011
- PaaS Service Manager (PSM) update to 20.1.1-944
- Latest JCS/PaaS service versions have required log4j fixes to address CVE-2021-44832, CVE-2021-45105, CVE-2021-45046, and CVE-2021-44228

What's New for Oracle Cloud Services on Oracle Cloud at Customer

 **Note:**

- The requirements/prerequisites for this patch: ExaCC DBaaS Tools (dbaastools_exa-1.0-1+19.1.1.1.0_210521.0729) or later, and OCC 21.1.0.0.210916

The following table lists the Oracle Cloud services. New service versions with the latest patch noted with an asterisk (*).

Cloud Service on Oracle Cloud at Customer	Version / Log4j Remediation	Link to Service Features
Oracle SOA Cloud Service (SOACS)	*21.4.3_2112250043 To apply log4j remediation on Existing instances (< 21.4.3_2112250043), perform any one of the following: <ul style="list-style-type: none">• Apply latest PSU patch from latest 21.4.3_2112250043• Apply manual remediation through (My Oracle Support Doc ID 2827611.1)	https://docs.oracle.com/en/cloud/paas/soa-cloud/wsoa/index.html#WNSOA-GUID-F0D845AF-B15E-452C-A2B2-572E0A21D282 April 2021 — Release 21.2.1
Oracle Analytics Cloud	*106.4.0.323 To apply log4j remediation on Existing instances (< 106.4.0.323), perform any one of the following: <ul style="list-style-type: none">• Apply latest PSU patch from latest 106.4.0.323• Apply manual remediation through (My Oracle Support Doc ID 2828417.1)	https://docs.oracle.com/en/cloud/paas/analytics-cloud/acswn/index.html#ACSWN-GUID-CFF90F44-BCEB-49EE-B40B-8D040F02D476 Assuming the release of OAC version is 106.2.0-191, which is OPC Release 6.2
Oracle Integration Cloud (OIC)	*21.4.3-211110110042364 To apply log4j remediation on Existing instances (< 21.4.3-211110110042364), perform the following: <ul style="list-style-type: none">• Apply latest PSU patch from latest 21.4.3-211110110042364	https://docs.oracle.com/en/cloud/paas/integration-cloud/whats-new/index.html#INTWN-GUID-F045C934-5D1E-4C2B-9465-31CD443E2CA3
Java Cloud Service (JCS)	*22.1.1_220210083045 To apply log4j remediation on Existing instances (< 22.1.1_220210083045), perform any one of the following: <ul style="list-style-type: none">• Apply latest PSU patch from latest 22.1.1_220210083045• Apply manual remediation through (My Oracle Support Doc ID 2828591.1)	https://docs.oracle.com/en/cloud/paas/java-cloud/jscug/patches-included-oracle-java-cloud-service.html

Cloud Service on Oracle Cloud at Customer	Version / Log4j Remediation	Link to Service Features
Database Cloud Service (DBCS)	*20.1.1_944 To apply log4j remediation for Existing and New instances, perform the following: <ul style="list-style-type: none"> Apply manual remediation through (My Oracle Support Doc ID 2828877.1) 	https://docs.oracle.com/en/cloud/paas/database-dbaas-cloud/csdbn/index.html
Data Integrator Cloud Service (DICS)	19.1.3.0.202004130527 To apply log4j remediation for Existing and New instances, perform the following: <ul style="list-style-type: none"> Apply manual remediation through (My Oracle Support Doc ID 2828896.1) 	https://docs.oracle.com/en/cloud/paas/data-integration-platform-cloud/whats-new/index.html#DIPCW-GUID-EE62D598-63BC-4B80-8A5A-418C7573D64A 2019 Release 1st Quarter release 19.1.3
GoldenGate Cloud Service (GGCS)	18.4.3.0.894 To apply log4j remediation for Existing and New instances, perform the following: <ul style="list-style-type: none"> Apply manual remediation through (My Oracle Support Doc ID 2830212.1) 	https://docs.oracle.com/en/cloud/paas/goldengate-cloud/ggcwn/index.html

What's New for Oracle Cloud at Customer 21.1.0.0.210916

This document lists the new features and enhancements added to Oracle Cloud at Customer and Oracle Cloud services.

Topics

- [What's New for Oracle Cloud at Customer 21.1.0.0.210916](#)
- [What's New for Oracle Cloud Services on Oracle Cloud at Customer](#)

What's New for Oracle Cloud at Customer 21.1.0.0.210916

Oracle Cloud at Customer 21.1.0.0.210916 introduces the following new features and capabilities:

- Security updates to Oracle Cloud at Customer Control Plane

- Update of several Oracle Cloud services to new versions. Learn more about the new versions at [What's New for Oracle Cloud Services on Oracle Cloud at Customer](#).
- ExaCloud Rest API (ECRA) update to ECS_19.1.1.10_LINUX.X64_210803.0927
- PaaS Service Manager (PSM) update to 20.1.1-937
- 19c DBaaS support for the following PaaS services: JCS, SOACS, and OIC

 **Note:**

- The requirements/prerequisites for this patch: applicable only for the DBCS service (not ExaCC) is the DBaaSTools 19-Jan version (dbaastools-1.0-1+19.1.1.1.0_210119.1615) or later, and OCC 21.1.
- Customers using Oracle Integration Cloud (OIC) must perform the OIC instance upgrade incrementally in two phases: first from the old version (19.1.5 or 20.1.3) to 20.2.3-200705020036415 and then to **21.2.3.210505.1400-40946** to avoid an upgrade timeout failure.
- Patching of Data Integration Platform Classic instances is not available in this release.

What's New for Oracle Cloud Services on Oracle Cloud at Customer

The following table lists the Oracle Cloud services. New service versions with the latest patch noted with an asterisk (*).

Cloud Service on Oracle Cloud at Customer	Version	Link to Service Features
Oracle SOA Cloud Service (SOACS)	*21.2.1-21072704040880	https://docs.oracle.com/en/cloud/paas/soa-cloud/wnssoa/index.html#WNSOA-GUID-F0D845AF-B15E-452C-A2B2-572E0A21D282 April 2021 — Release 21.2.1
Oracle Analytics Cloud	*21.3.1-10	https://docs.oracle.com/en/cloud/paas/analytics-cloud/acswm/index.html#ACSWN-GUID-CFF90F44-BCEB-49EE-B40B-8D040F02D476 Assuming the release of OAC version is 106.2.0-191, which is OPC Release 6.2

Cloud Service on Oracle Cloud at Customer	Version	Link to Service Features
Oracle Integration Cloud (OIC)	*21.2.2-210505140040946	https://docs.oracle.com/en/cloud/paas/integration-cloud/whats-new/index.html#INTWN-GUID-F045C934-5D1E-4C2B-9465-31CD443E2CA3
Java Cloud Service (JCS)	*21.3.2-904	https://docs.oracle.com/en/cloud/paas/java-cloud/jscug/patches-included-oracle-java-cloud-service.html
Database Cloud Service (DBCS)	*20.1.1_937	https://docs.oracle.com/en/cloud/paas/database-dbaas-cloud/csdbn/index.html
Data Integrator Cloud Service (DICS)	19.1.3.0.202004130527	https://docs.oracle.com/en/cloud/paas/data-integration-platform-cloud/whats-new/index.html#DIPCW-GUID-EE62D598-63BC-4B80-8A5A-418C7573D64A2019 Release 1st Quarter release 19.1.3
GoldenGate Cloud Service (GGCS)	18.4.3.0.894	https://docs.oracle.com/en/cloud/paas/goldengate-cloud/ggcwn/index.html

What's New for Oracle Cloud at Customer 21.1

This document lists the new features and enhancements added to Oracle Cloud at Customer and Oracle Cloud services.

Topics

- [What's New for Oracle Cloud at Customer 21.1](#)
- [What's New for Oracle Cloud Services on Oracle Cloud at Customer](#)

What's New for Oracle Cloud at Customer 21.1

Oracle Cloud at Customer 21.1 introduces the following new features and capabilities:

- Security updates to Oracle Cloud at Customer Control Plane
- Update of several Oracle Cloud services to new versions. Learn more about the new versions at [What's New for Oracle Cloud Services on Oracle Cloud at Customer](#).
- ExaCloud Rest API (ECRA) update to ECS_19.1.1.1.0_LINUX.X64_210516.2257
- PaaS Service Manager (PSM) update to 20.1.1-931

 **Note:**

- Customers using Oracle Integration Cloud (OIC) must perform the OIC instance upgrade incrementally in two phases: first from old version (19.1.5 or 20.1.3) to 20.2.3-200705020036415 and then to **21.1.2.210129.2200-39445** to avoid an upgrade timeout failure.
- Patching of Data Integration Platform Classic instances is not available in this release.

What's New for Oracle Cloud Services on Oracle Cloud at Customer

The following table lists the Oracle Cloud services. New service versions with the latest patch noted with an asterisk (*).

Cloud Service on Oracle Cloud at Customer	Version
Oracle SOA Cloud Service (SOACS)	*21.1.1_2102220877
Oracle Analytics Cloud	*105.9.0-183
Oracle Integration Cloud (OIC)	*21.1.2.210129.2200-39445
Java Cloud Service (JCS)	*21.1.2-901
Database Cloud Service (DBCS)	*20.1.1_931
Data Integrator Cloud Service (DICS)	19.1.3.0.202004130527
GoldenGate Cloud Service (GGCS)	18.4.3.0.894

What's New for Oracle Cloud at Customer 20.4

This document lists the new features and enhancements added to Oracle Cloud at Customer and Oracle Cloud services.

Topics

- [What's New for Oracle Cloud at Customer 20.4](#)
- [What's New for Oracle Cloud Services on Oracle Cloud at Customer](#)

What's New for Oracle Cloud at Customer 20.4

Oracle Cloud at Customer 20.4 introduces the following new features and capabilities:

- Oracle Database Cloud Service (DBCS) now supports creation of and upgrade to Oracle Database 19c instances

- PaaS Service Manager (PSM) update to 20.1.1-926
- ExaCloud Rest API (ECRA) update to ECS_19.1.1.1.0_LINUX.X64_201117.1119
- Security updates to Oracle Cloud at Customer Control Plane
- Update of several Oracle Cloud services to new versions. Learn more about the new versions at [What's New for Oracle Cloud Services on Oracle Cloud at Customer](#).

 **Note:**

- The requirements/prerequisites for this patch: applicable only for the DBCS service (not ExaCC) is the DBaaSTools 19-Jan version (dbaastools-1.0-1+19.1.1.1.0_210119.1615) or later, and OCC 20.3.
- Customers using Oracle Integration Cloud (OIC) must perform the OIC instance upgrade incrementally in two phases: first 20.1.3-200401020034936 to 20.2.3-200705020036415 and then to 20.4.2-201009020037965 to avoid an upgrade timeout failure.

What's New for Oracle Cloud Services on Oracle Cloud at Customer

For the complete list of services supported on Oracle Cloud at Customer, see [Services Available on Oracle Cloud at Customer](#) in Getting Started with Oracle Cloud at Customer.

Cloud Service on Oracle Cloud at Customer	New Version
Oracle SOA Cloud Service (SOACS)	20.3.1_2009030870
Oracle Analytics Cloud	105.8.0.133
Oracle Integration Cloud (OIC)	20.4.2-201009020037965
Oracle API Platform Cloud Service (APIPCS)	18.2.3.0.0_107
Oracle Data Integrator Cloud (DICS)	19.1.3.0.202004130527
Database Cloud Service (DBCS)	20.1.1_926
Java Cloud Service (JCS)	20.3.3-201109095143

What's New for Oracle Cloud at Customer 20.3

This document lists the new features and enhancements added to Oracle Cloud at Customer and Oracle Cloud services.

Topics

- [What's New for Cloud at Customer 20.3](#)
- [What's New for Oracle Cloud Services on Oracle Cloud at Customer](#)

What's New for Oracle Cloud at Customer 20.3

Oracle Cloud at Customer 20.3 introduces the following new features and capabilities:

- Oracle Database 19c version on Exadata Cloud at Customer
- Security update for Oracle Cloud at Customer's control plane
- Update of several Oracle Cloud services to new versions. Learn more about the new versions at [What's New for Oracle Cloud Services on Oracle Cloud at Customer](#).
- Update of PaaS Service Manager to version 20.1.1-922
- Update of Exadata Cloud Service to 19.1.1 (20.198)
- The patch doesn't include support for PaaS services with Oracle Database 19c

Note:

The patch requires DBaaS Tools 27-July version (dbaastools_exa-1.0-1+19.1.1.1.0_200727.1423) or later.

What's New for Oracle Cloud Services on Oracle Cloud at Customer

For the complete list of services supported on Oracle Cloud at Customer, see [Services Available on Oracle Cloud at Customer](#) in Getting Started with Oracle Cloud at Customer.

Cloud Service on Oracle Cloud at Customer	New Version
Oracle SOA Cloud Service (SOACS)	19.4.1_2005150833
Oracle Analytics Cloud	105.5.0.299
Oracle Integration Cloud (OIC)	200401.0200.34936

Cloud Service on Oracle Cloud at Customer	New Version
Oracle API Platform Cloud Service (APIPCS)	18.2.3.0.0_107
Oracle Data Integrator Cloud (DICS)	18.4.3.0.201901240325

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

Oracle Cloud at Customer What's New for Oracle Cloud at Customer, Release 21
F34266-21

Copyright © 2020, 2024, Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software, software documentation, data (as defined in the Federal Acquisition Regulation), or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs) and Oracle computer documentation or other Oracle data delivered to or accessed by U.S. Government end users are "commercial computer software," "commercial computer software documentation," or "limited rights data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, reproduction, duplication, release, display, disclosure, modification, preparation of derivative works, and/or adaptation of i) Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs), ii) Oracle computer documentation and/or iii) other Oracle data, is subject to the rights and limitations specified in the license contained in the applicable contract. The terms governing the U.S. Government's use of Oracle cloud services are defined by the applicable contract for such services. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle®, Java, MySQL, and NetSuite are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Inside are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Epyc, and the AMD logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.