

# **Oracle Utilities Work and Asset Cloud Service**

Overview Guide

Release 24C

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Oracle Utilities Work and Asset Cloud Service Release 24C Overview Guide

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# Chapter 1

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## Work and Asset Cloud Service Overview Guide

Welcome to the Oracle Utilities Work and Asset Cloud Service Overview Guide. This document provides an overview of Oracle Utilities Work and Asset Cloud Service, including:

- [Work and Asset Cloud Service Overview](#)
- [Implementation Support and Live Operate Services](#)
- [Oracle Utilities Cloud Services Third Party Software and Licenses](#)

# Chapter 2

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## Work and Asset Cloud Service Overview

This chapter provides an overview of the Oracle Utilities Work and Asset Cloud Service, including:

- [Welcome to Oracle Utilities Work and Asset Cloud Service](#)
- [Oracle Utilities Work and Asset Cloud Service Applications](#)
- [Oracle Utilities Work and Asset Cloud Service Documentation](#)
- [Supported Client Platforms and Browsers](#)
- [Supported Integrations](#)
- [High-Level Roles and Responsibilities](#)
- [Operational Readiness Advisory](#)

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# Welcome to Oracle Utilities Work and Asset Cloud Service

Oracle Utilities Work and Asset Cloud Service is used to maintain information about assets and various features and functions around managing those assets. The solution provides a means of recording asset acquisition, maintenance, procurement, installation and removal, and more.

Oracle Utilities Work and Asset Cloud Service comprises the following functional areas:

- Asset Management: functionality to manage the receipt, installation, maintenance, tracking and removal of assets
- Management of approval processing
- Tracking of purchasing transactions
- Tracking of inventory and resources
- Tracking of costs, accounting, and financial transactions
- Construction Work Management functionality that provides a comprehensive set of processes to facilitate the management of construction work.
- Oracle Utilities Cloud Service Foundation: tools used to orchestrate and automate infrastructure related processes, migrate data from legacy applications into the cloud service, and manage batch scheduling and processing using the SaaS Batch Scheduler.
- Oracle Utilities Analytics Visualization: a suite of analytics applications that provides access to real-time data for self service exploration, discovery, visualization, and analysis. It includes rich pre-built analytical data models, metrics, and key performance indicators that allow you to derive strategic insights from your data.

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# Oracle Utilities Work and Asset Cloud Service Applications

Oracle Utilities Work and Asset Cloud Service includes the following applications:

- Oracle Utilities Work and Asset Management Enterprise Edition
- Oracle Utilities Work and Asset Management Purchasing
- Oracle Utilities Work and Asset Management Construction Work Management
- Oracle Utilities Work and Asset Management Connector for Geospatial Information Systems
- Oracle Utilities Cloud Service Foundation
- Oracle Utilities Analytics Visualization
- Oracle Utilities Testing Accelerator
- Oracle Analytics Publisher
- Oracle REST Data Services



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# Oracle Utilities Work and Asset Cloud Service Documentation

Configuration and use of Oracle Utilities Work and Asset Cloud Service is described in the following documentation:

- Oracle Utilities Work and Asset Cloud Service User Guides, comprising:
  - Oracle Utilities Work and Asset Management and Operational Device Management v24.3.0.0.0 Business User Guide
  - Oracle Utilities Work and Asset Management and Operational Device Management v24.3.0.0.0 Administrative User Guide
- Oracle Utilities Cloud Services 24C documentation, including:
  - Oracle Utilities Cloud Service Foundation Administrative User Guide
  - Oracle Utilities Cloud Services Administration Guide
  - Oracle Utilities Cloud Services Database Changes Guide
  - Oracle Utilities Cloud Services Frequently Asked Questions Guide
  - Oracle Utilities Cloud Services Implementation Guide
  - Oracle Utilities Cloud Services Live Operations Guide
  - Oracle Utilities Cloud Services Security Guide
- Oracle Utilities Cloud Services Activation Guide
- Oracle Utilities Cloud Services Cloud Operations Guide
- Oracle Utilities Cloud Services Update Policy Guide
- Oracle Utilities Testing Accelerator documentation
- Oracle Utilities Analytics Visualization User Guide

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# Supported Client Platforms and Browsers

Users access Oracle Utilities Work and Asset Cloud Service via a supported web browser.

Oracle Utilities Work and Asset Cloud Service supports the following operating system & web browser combinations:

| Operating System | Web Browser                                                                                                                                                                  |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Windows 10       | Firefox ESR 102+<br>Google Chrome for Enterprise 108+<br>Microsoft Edge (Chromium-based) 108+ (see the <a href="#">Microsoft Edge Release Schedule</a> for more information) |
| Windows 11       | Firefox ESR 102+<br>Google Chrome for Enterprise 108+<br>Microsoft Edge (Chromium-based) 108+ (see the <a href="#">Microsoft Edge Release Schedule</a> for more information) |
| iPad2 iOS 10.x   | Safari (selected flows and portals only)                                                                                                                                     |

The recommended monitor resolution is 1920 X 1080 or higher with the browser zoom level set at 100%. The application can be used with lower resolution monitors and/or at a greater than 100% browser zoom level, but users may need to use horizontal scrolling on some pages.

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## Supported Integrations

Oracle Utilities Work and Asset Cloud Service supports integration with a number of other products. See the following sections for details:

- [Application Integrations](#)
- [Using Oracle Utilities Testing Accelerator with Oracle Utilities Work and Asset Cloud Service](#)

### Application Integrations

The table below lists Oracle products and applications that can be integrated with Oracle Utilities Work and Asset Cloud Service, and provides the product name and version, cloud service version(s), and the integration platform that enables the integration.:

| Oracle Product                          | Cloud Service Version(s) | Integration Platform                |
|-----------------------------------------|--------------------------|-------------------------------------|
| Enterprise Resource Planning (ERP)      | WACS 24C                 | Oracle SOA Suite v12.2.1 or higher* |
| Oracle Human Capital Management Cloud   | WACS 24C                 | Oracle Integration Cloud            |
| Oracle ERP Financials Cloud             | WACS 24C                 | Oracle Integration Cloud            |
| ERP Product Hub                         | WACS 24C                 | Oracle Integration Cloud            |
| Oracle Field Service                    | WACS 24C                 | Oracle Integration Cloud            |
| Oracle Procurement Cloud                | WACS 24C                 | Oracle Integration Cloud            |
| Oracle Utilities Customer Cloud Service | WACS 24C                 | Oracle Integration Cloud            |
| Oracle Fusion Assets Cloud              | WACS 24C                 | Oracle Integration Cloud            |

\* Require separate license.

### Using Oracle Utilities Testing Accelerator with Oracle Utilities Work and Asset Cloud Service

Oracle Utilities Testing Accelerator (OUTA) is a testing framework based on Java and Selenium used for automated testing of Oracle Utilities applications and cloud services. It allows for developing, managing and executing web service and user interface based automated tests, using meta-data based approach, without any programming language. Oracle Utilities Testing Accelerator has a user friendly graphical web interface that enables people without much programming knowledge to develop automated test flows.

Along with the automation framework, Oracle Utilities Testing Accelerator includes an accelerator that supports automated testing of Oracle Utilities cloud services, such as Oracle Utilities Customer Cloud Service and Oracle Utilities Work and Asset Cloud Service. The accelerator contains several hundred re-usable components that are the modular building blocks of an automated test flow. The Oracle Utilities Testing Accelerator user interface allows for these components to be laced together to form an

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automated test flow. The test data can then be coupled to the automated test flow and executed using the browser-based execution engine within the Oracle Utilities Testing Accelerator web application.

The browser-based test execution engine should be used for the execution of web service based test automation flows. In addition to the web interface, Oracle Utilities Testing Accelerator includes an eclipse IDE plugin that supports the execution of tests from local desktops or laptops. This mode should be used for executing user interface based tests that are developed using the Oracle Utilities Testing Accelerator web application. The script generation engine in the Oracle Utilities Testing Accelerator web interface auto generates the scripts for user interface based tests, which can then be executed via the Eclipse IDE (with the Oracle Utilities Testing Accelerator plugin).

The following features of Oracle Utilities Testing Accelerator have been enhanced so that they work with Oracle Utilities cloud services:

1. For executing the web service based test automation flows, the Flow Configuration that contains the web service URL along with additional properties such as smtp server, etc is pre-defined to work with Oracle Utilities cloud services. Users need not create a new Flow Configuration.

See the **Executing Test Flows** and **Executing Test Flows Using a Browser** sections in the *Oracle Utilities Testing Accelerator User Guide* for more information.

2. For generating components using the component generator tool, the complete WSDL URL need not be specified in the field, only the web service end point name needs to be provided.

See the **Development Accelerator Tools** and **Component Generation Tool** sections in the *Oracle Utilities Testing Accelerator User Guide* for more information.

3. For fetching test data from the Oracle Utilities cloud services, the WSDL URL need not be specified, only the web service end point name should be specified.

See the **Fetching Test Data From an Utilities Application** section in the *Oracle Utilities Testing Accelerator User Guide* for more information.

4. Oracle Utilities Testing Accelerator is integrated with Oracle Cloud Infrastructure Identity and Access Management (IAM) with Identity Domains when using it with cloud services. The management of users in Oracle Utilities Testing Accelerator web application should be done through IAM. See **Identity and Access Management with Identity Domains** in the *Oracle Utilities Cloud Services Administration Guide* for more information about creating and managing users.

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# High-Level Roles and Responsibilities

This section outlines high-level roles and responsibilities involved in the deployment, configuration, and maintenance of Oracle Utilities cloud services, and the party responsible for each. The **Owner** column in the tables below indicates the party responsible for each role and responsibility.

## Hardware, Storage, Technology, and Application Software

| Role and Responsibility                                                                                                                  | Owner  |
|------------------------------------------------------------------------------------------------------------------------------------------|--------|
| Provide, deploy and monitor hardware and storage                                                                                         | Oracle |
| Provide, deploy, run and monitor all required technology (e.g containers, operating systems, databases, clustering, monitoring, tracing) | Oracle |
| Provide, deploy, run and monitor all Oracle Utilities base application software                                                          | Oracle |

## Security

| Role and Responsibility                                                                                                                                                                                    | Owner    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Monitor cloud service infrastructure security                                                                                                                                                              | Oracle   |
| Administer Oracle network security                                                                                                                                                                         | Oracle   |
| Administer customer network security, including integrating with the Oracle networks                                                                                                                       | Customer |
| Configure & maintain cloud service users and access                                                                                                                                                        | Customer |
| Integrate with Oracle networks                                                                                                                                                                             | Customer |
| Pro-actively monitor and maintain unexpired, secured, and valid TLS / SSL Certificates on customer-specific DNS entries requested for outbound traffic from the Oracle Cloud Infrastructure (OCI) network. | Customer |

## Database

| Role and Responsibility                                            | Owner  |
|--------------------------------------------------------------------|--------|
| Database administration services (monitoring, administration, etc) | Oracle |
| Backup and Restore                                                 | Oracle |
| Backup retention                                                   | Oracle |
| Data replication for Disaster Recovery (where applicable)          | Oracle |

| <b>Role and Responsibility</b>                                                                                                                                                                                                                                          | <b>Owner</b>        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| Disaster Recovery database fail-over                                                                                                                                                                                                                                    | Oracle              |
| Refresh of a target environment from an existing environment, such as from PROD to TEST (upon customer request and within prescribed limits)                                                                                                                            | Customer and Oracle |
| Information Lifecycle Management                                                                                                                                                                                                                                        | Customer            |
| Information Lifecycle Management - Add future month partitions (ONLY)                                                                                                                                                                                                   | Oracle              |
| Provide a daily off-peak time window during which Oracle can perform required database maintenance activities, and during which the customer will minimize the usage of the cloud service so as to avoid any performance-related issues during the defined time window. | Customer            |

## Implementation, Configuration, and Extensions

| <b>Role and Responsibility</b>                                                           | <b>Owner</b> |
|------------------------------------------------------------------------------------------|--------------|
| Plan and execute implementation project                                                  | Customer     |
| Perform configuration of enterprise software features and functions                      | Customer     |
| Execute functional, system, load and performance testing of configuration and extensions | Customer     |
| Ensure operational readiness                                                             | Customer     |

## Patching and Upgrading

| <b>Role and Responsibility</b>                                                          | <b>Owner</b> |
|-----------------------------------------------------------------------------------------|--------------|
| Patch and upgrade underlying infrastructure software                                    | Oracle       |
| Patch and upgrade Oracle Utilities base application software                            | Oracle       |
| Decide the cloud service upgrade schedule (within prescribed limits)                    | Customer     |
| Trigger environment upgrades (Development, Test and Production)                         | Customer     |
| Perform regression testing of configuration and extensions after patching / upgrades    | Customer     |
| Make changes as needed in custom configuration and extensions after patching / upgrades | Customer     |

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## Batch Processing

| Role and Responsibility                                | Owner    |
|--------------------------------------------------------|----------|
| Monitor underlying batch infrastructure                | Oracle   |
| Provide infrastructure logs for batch incidents        | Oracle   |
| Resolve infrastructure batch issues                    | Oracle   |
| Determine batch schedule                               | Customer |
| Monitor batch stream/job completion                    | Customer |
| Perform first level investigation of batch issues      | Customer |
| Provide customer logs of batch incidents               | Customer |
| Resolve functional batch issues and stream/job restart | Customer |
| Resolve data issues                                    | Customer |

## Cloud Service Delivery and Performance

| Role and Responsibility                                                                                                                                                                                                                                                                                                                                                    | Owner    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Provide scalable and elastic cloud services                                                                                                                                                                                                                                                                                                                                | Oracle   |
| Provide core services and tools, including: <ul style="list-style-type: none"><li>• Embedded infrastructure and platform services</li><li>• An extensible application framework</li><li>• Highly configurable product features and functions</li><li>• Content Migration Assistant</li><li>• Data Migration Tools</li><li>• Generalized/Specialized Data Extract</li></ul> | Oracle   |
| Ensure quality of maintenance packs and updates                                                                                                                                                                                                                                                                                                                            | Oracle   |
| Resolve performance issues related to core services and tools                                                                                                                                                                                                                                                                                                              | Oracle   |
| Configure features, and implement extensions                                                                                                                                                                                                                                                                                                                               | Customer |
| Perform functional and performance testing of configuration and extensions                                                                                                                                                                                                                                                                                                 | Customer |
| Perform analysis of performance issues                                                                                                                                                                                                                                                                                                                                     | Customer |
| Resolve performance issues related to configuration, extensions and data                                                                                                                                                                                                                                                                                                   | Customer |
| Subscribe to any additional resources required                                                                                                                                                                                                                                                                                                                             | Customer |

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## Support

| Role and Responsibility                                                            | Owner    |
|------------------------------------------------------------------------------------|----------|
| Triage, analyze, and resolve issues with the cloud service                         | Oracle   |
| Triage, analyze, and resolve issues with configuration and extensions              | Customer |
| Raise Service Requests via My Oracle Support and provide all requested information | Customer |

## Data Migration

| Role and Responsibility                                                                                                                                         | Owner    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Provide data migration tools (SQL Loader, validation batch controls and so on)                                                                                  | Oracle   |
| Provide guidelines on data migration via online documentation                                                                                                   | Oracle   |
| Triage, analyze, and resolve issues with the data migration tools via My Oracle Support                                                                         | Oracle   |
| Define, review and execute data migration strategy in-line with the provided data migration tools                                                               | Customer |
| Review and follow documentation on data migration                                                                                                               | Customer |
| Validate the Cloud Subscription Metrics with data migration scope metrics                                                                                       | Customer |
| Configuration and development work required for data migration                                                                                                  | Customer |
| Data cleansing                                                                                                                                                  | Customer |
| Plan and execute data migration mock runs (Oracle suggests a minimum of three) to confirm successful testing results and ensure a clean data migration process. | Customer |
| Triage, analyze, and resolve data migration issues                                                                                                              | Customer |
| Plan, review and execute cut-over activities                                                                                                                    | Customer |
| Create and execute plug-in driven batch programs to correct data errors during critical project milestones and after go-live, if needed                         | Customer |

## Integration

| Role and Responsibility                                                                                   | Owner  |
|-----------------------------------------------------------------------------------------------------------|--------|
| Provide productized integrations (where explicitly agreed).                                               | Oracle |
| <b>Note:</b> Productized integrations require customer-specific configuration and (optionally) extension. |        |



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| Role and Responsibility |
|-------------------------|
|-------------------------|

| Owner |
|-------|
|-------|

|                                                                                   |
|-----------------------------------------------------------------------------------|
| Integrate Oracle Utilities cloud services with all other services or applications |
|-----------------------------------------------------------------------------------|

|          |
|----------|
| Customer |
|----------|

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# Operational Readiness Advisory

This section outlines suggested validations as part of operational readiness testing:

- Confirm that all batch processes have been successfully executed
- Confirm production converted data has successfully been tested through key work flows
- Confirm all system triggered notifications have been tested for initiation and completion

# Chapter 3

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## Implementation Support and Live Operate Services

This chapter describes implementation support and live operate services for Oracle Utilities Work and Asset Cloud Service:

- [Implementation Support Services](#)
- [Live Operate Services](#)

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# Implementation Support Services

Implementation Support Services are services that relate to the initial set up of Oracle Utilities cloud services. If Implementation Support Services are included in your Oracle Utilities cloud service(s), it will be stated in the relevant services descriptions.

The scope of the Implementation Support Services provided by Oracle is limited and currently includes (but is not limited to) the following:

Oracle will work to:

- Provide pre-configured templates (where available). These templates may be limited in scope (and may not completely align with the scope of the implementation project) and may only be available in the English language.
- Provide Utility Reference Model and other documentation describing the business processes that are the basis for the template configuration.
- To the extent necessary and under exceptional circumstances, execute scripts (authored by the customer) to resolve data issues.
  - Scripts submitted for execution to correct data issues will be subject to review for compliance with Oracle's Software Security Assurance standards. Scripts that do not comply will be returned for correction; resubmission will require a further compliance review with approval before execution will be scheduled.
  - There is a limit of four (4) script reviews in any calendar month. Review requests beyond this entitlement may be subject to additional fees.

Customers/Implementers retain complete responsibility for all other aspects of implementing the cloud service, including (but not limited to):

- Overall setup project management, including responsibility for management of the scope, the project plan/schedule and budget.
- End-user training activities and organizational change management.
- Leading and managing the user system review.
- Designing and testing all configurations and extensions to ensure they do not adversely affect performance.
- Identifying, designing, documenting and implementing any business process changes and system operation processes.
- Coordinating with external vendors or service providers to manage dependencies that could impact the overall project scope and schedule.
- Designating a project manager who shall be responsible for coordinating all customer/implementation related activities and responsibilities with respect to provisioning these Oracle Cloud Services.
- Business process change activities including end-user communication (e.g., status updates, newsletters, forums, etc.).
- Planning and executing all testing activities.
- All cut-over and roll-out activities.
- Business intelligence or data warehouse implementation/integration (if required).

- 
- Procuring, setting up or otherwise provisioning any additional hardware, software or services as required.
  - Providing any network hardware and/or software that may be required to connect to the Oracle Utilities cloud service(s).
  - All data conversion/migration/cleansing activities such as:
    - Extracting, transforming and loading data into migration staging tables
    - Using cloud service data conversion tools (where available) to load data into the production environment
    - Creating or updating any required validation scripts
    - Any/all data cleansing activities that may be required (NB: these must be done in the source application(s) and not directly in the cloud service environment(s))
  - Providing all in-scope data conversions and interfaces in formats supported by the relevant Oracle Utilities cloud service(s).
  - The following interface/integration related activities:
    - Building and testing of any interfaces to or from the Oracle Utilities cloud service(s) (unless stated otherwise)
    - Any ongoing synchronization and interface monitoring activities between customer owned Customer Information System(s) (CIS) and Oracle Utilities cloud service(s)
    - Complete end to end integration flows using template interfaces
    - Any configuration of interfaces external to the Oracle Utilities cloud service(s) that are required to match the published specification for interfacing with the Oracle Utilities cloud service(s)

The provision of these Implementation Support Services is contingent on the following:

- Any integration middleware used to implement any integration will not be hosted within any Oracle Utilities cloud service(s).
- Turnaround time will be no longer than two (2) working days unless otherwise agreed. Turnaround time refers to time taken by the customer/implementation team to respond to and confirm design elements and decision points during the performance of the Implementation Support Services.

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# Live Operate Services

Live Operate services are services that Oracle provides to assist you with the ongoing operation of supported Oracle Utilities cloud services, once live and in production. If Live Operate Services are included in your Oracle Utilities cloud service(s), it will be stated in the relevant services descriptions.

The scope of the Live Operate Services provided by Oracle is limited and currently includes the following:

Oracle will work to:

- Assign a Customer Success Manager ("CSM") to manage delivery of the Oracle Utilities cloud service(s). The CSM will be the primary point of contact, will act as the first point for escalations, will monitor the progress of any related service requests ("SR") and confirm that all Oracle Utilities cloud services are performed in accordance with targets.
- Provide access to information about incidents and changes made to any of your Oracle Utilities cloud service environment(s).
- Upon request, create and deliver a Quarterly Status Report summarizing the activities undertaken over the past quarter and those scheduled as major future events.
- Upon request, offer quarterly meetings with customer/implementation oversight team to present, review and discuss the Quarterly Status Report.
- Monitor infrastructure and application availability and resolve any incident that is within Oracle's scope or responsibility.
- Provide primary Help Desk Services from 08:00 to 17:00 your local time on Oracle working days.
- Respond to severity 1 incidents 24 hours per day, 365 days per year.
- Provide incident management and problem management services for events related to Oracle Utilities Cloud Services, including:
  - Analyzing issues and resolving any incidents that are within Oracle's scope or responsibility
  - Escalating any issues not within Oracle's scope or responsibility to you for resolution
  - Provide infrastructure logs to assist in the diagnosis and remediation of incidents within your scope or responsibility. NB: these logs may be scrubbed for security purposes and other sensitive data.

Customers remain completely responsible for all other aspects of using or otherwise operating the cloud service. Examples of customer obligations in this regard would be to:

- Assign a manager to act as the primary conduit for all issues relating to the delivery of these services.
- Provide Oracle with the dates for key business and technology events (i.e. testing calendar, refresh schedule etc.) at least thirty (30) days prior to the event.
- Assign appropriate resources to support your activities.
- Support scheduling of meetings as required.
- Participate in all scheduled meetings.

- 
- Manage all activities, including:
    - Prioritizing work activities
    - Providing coordination across any teams and/or interested parties external to Oracle.
    - Escalation of issues to the Oracle CSM in a timely manner.
    - Providing any information required to progress service requests. Oracle is not responsible for meeting any agreed (or stated) targets or objectives if required or requested information is not forthcoming in a timely manner.
    - Assigning appropriate resources to conduct all required acceptance testing for all software packages delivered.
    - Accepting all software packages prior to promotion to the Production environment.
    - Maintaining a contact list for all persons performing governance functions.
    - Participating in Oracle's internal quality assurance processes on a mutually agreed schedule.
  - Manage the Oracle Utilities cloud services, including:
    - Defining and (as necessary) modifying batch schedules to meet business needs.
    - Monitoring batch and interface processes to confirm and verify completion.
    - Defining, implementing, testing and deploying any changes to the configuration and extensions required to:
      - Resolve incidents or problems within the customers scope or responsibility
      - Meet evolving business needs
      - Conform with upgrades, patches or any other Oracle Utilities cloud service requirements or prerequisites.
  - Notify Oracle of any incidents detected.
  - Action each SR in accordance with the relevant Oracle Cloud Hosting and Delivery Policies.
  - Establish the method of communication between the incident management team and the Oracle team for each incident.
  - Redirect any SRs to the correct (non- Oracle) support team if the SR is not within the scope of the Oracle Utilities cloud service(s).
  - Assist the Oracle team with SR analysis of data originating outside the applications.
  - Correct business data as reasonably requested by Oracle to achieve closure of an identified problem.
  - Monitor customer network and network connections to ensure sufficient bandwidth and performance.
  - Conduct all functional, regression, performance, system integration, acceptance and/or user acceptance testing as appropriate, and accept and approve all software changes, prior to the production roll out of any change, in accordance with any agreed-on release management process, for any change resulting from:

- 
- An incident remedy or fix, or
  - Any service pack update or upgrade.
  - Provide authorizations and/or validations for data correction and/or adjustments to the supported environments.
  - Apply configuration changes that are within the customer's or implementation's scope as recommended by Oracle to prevent recurring incidents.
  - At Oracle's request, provide approval through the environment change management process for the installation of fixes to prevent recurring incidents.
  - Initiate documented escalation processes when the urgency of the incident has increased due to business requirements.
  - Provide incident support where the remediation is within Oracle's scope or responsibility, specifically:
    - Provide Oracle with access to the user who reported the problem.
    - Provide all information as reasonably requested by Oracle and participate in diagnostics.
    - Provide a test case and access to an environment where the SR incident is reproducible.
  - Provide Oracle, as necessary, with access to any other support teams.
  - Acknowledge that the supplied break-fix resolves the incident or problem and accept the SR closure.
  - Provide internal approvals to Oracle before the migration of any change recommended by Oracle into a production environment.
  - When an incident or problem is determined by Oracle to be unrelated to an Oracle Utilities cloud service or to be caused by data problems arising from data conversion or some other error, a separate, paid contract may be required to cover Oracle's time spent investigating and, if relevant, correcting the problem at Oracle's prevailing time and materials rates, and to reimburse Oracle for all reasonable out of pocket expenses.



# Chapter 4

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## Oracle Utilities Cloud Services Third Party Software and Licenses

This chapter information regarding third-party software used in Oracle Utilities cloud services, including:

- [Third Party Software Notices](#)
- [Third Party Software Licenses](#)

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## Third Party Software Notices

Required notices for open source or other separately licensed software products or components distributed in this product are identified in the following table along with the applicable licensing information. Additional notices and/or licenses may be found in the included documentation or readme files of the individual third party software.

**Note:** A copy of each license appears in the Third-Party License section, unless otherwise noted

| Provider                   | Component           | Version       | License Information                                                                                                                                                                                   |
|----------------------------|---------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Apache Software Foundation | Ant                 | 1.10.14       | Copyright 1999-2023 The Apache Software Foundation<br><br>The <sync> task is based on code Copyright (c) 2002, Landmark Graphics Corp that has been kindly donated to the Apache Software Foundation. |
| Apache Software Foundation | cglib               | 3.3.0-975e481 |                                                                                                                                                                                                       |
| Apache Software Foundation | Commons Beanutils   | 2.0.0-ca7cf2c | Copyright 2000-2019 The Apache Software Foundation                                                                                                                                                    |
| Apache Software Foundation | Commons CLI         | 1.5.0         | Copyright 2002-2021 The Apache Software Foundation                                                                                                                                                    |
| Apache Software Foundation | Commons Codec       | 744c1c9       | Copyright 2002-2022 The Apache Software Foundation                                                                                                                                                    |
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Based on the Java version by Pierre-Luc Paour, of which this is more or less a straight conversion.

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The Java version was based on the C version by Martin Pool.

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