

# **Oracle Human Capital Management Cloud Integration to Oracle Utilities Work and Asset Cloud Service**

Data Mapping Guide

Release 20C

**F37787-01**

December 2020

Oracle Human Capital Management Cloud Integration to Oracle Utilities Work and Asset Cloud Service Data Mapping Guide, Release 20C

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# Preface

Welcome to the Oracle Human Capital Management Cloud Integration to Oracle Utilities Work and Asset Cloud Service Data Mapping Guide.

The preface includes the following:

- [Audience](#)
- [Documentation and Resources](#)
- [Documentation Accessibility](#)
- [Conventions](#)
- [Acronyms](#)

## Audience

This document is intended for anyone implementing the integration of the following products with Oracle Human Capital Management Cloud:

- Oracle Utilities Work and Asset Cloud Service

## Documentation and Resources

For more information regarding this integration, foundation technology and the edge applications, refer to the following documents:

### Product Documentation

Topic	Description
Oracle Human Capital Management Cloud Integration to Oracle Utilities Work and Asset Cloud Service documentation	Refer to the Oracle Utilities applications documentation page: <a href="http://docs.oracle.com/cd/E72219_01/documentation.html">http://docs.oracle.com/cd/E72219_01/documentation.html</a>
Oracle Utilities Work and Asset Cloud Service documentation	

### Additional Documentation

Resource	Location
Oracle Support	Visit My Oracle Support at <a href="https://support.oracle.com">https://support.oracle.com</a> regularly to stay informed about updates and patches.
Oracle Technology Network (OTN) Latest versions of documents	<a href="http://www.oracle.com/technetwork/index.html">http://www.oracle.com/technetwork/index.html</a>
Oracle University for training opportunities	<a href="http://education.oracle.com/">http://education.oracle.com/</a>

## 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 have access to electronic support for the hearing impaired. Visit: <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs>

## Conventions

The following text conventions are used in this document:

Convention	Meaning
<b>boldface</b>	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

## Acronyms

The following terms are used in this document:

Term	Expanded Form
Oracle HCM	Oracle Human Capital Management
Oracle UCM	Oracle's Universal Content Management or Oracle Webcenter Content Server
WACS	Oracle Utilities Work and Asset Cloud Service
OIC	Oracle Integration Cloud

# Appendix A

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## Data Mapping

This appendix provides mapping details for each integration point, including the following:

- [Employee Synchronization Process \(Oracle HCM Cloud Initiated\)](#)
- [Job Synchronization Process \(Oracle HCM Cloud Initiated\)](#)
- [Employee Absence Synchronization Process \(Oracle HCM Cloud Initiated\)](#)

# Employee Synchronization Process (Oracle HCM Cloud Initiated)

When Employee records become active or active records are updated, Oracle HCM Cloud Service will extract the Employee record, then process, and send them to Oracle Utilities Work and Asset Management.

Employee Record Active Event	WACS REST IWS: W1- EmployeeSynchronization	DVM Mapping
External System	externalSystem	
Person Number	hrEmployeeNumber	
Person ID	externalId	
Person Type	employeeType	
Legal Entity	businessUnit	
ACTIVE/INACTIVE	status	ACTIVE/INACTIVE
Supervisor's Person ID	supervisor	
Job	principalCraft	
Hire Date	hiredDate	
Position	jobTitle	
Position Code	jobCode	
First Name	firstName	
Last Name	lastName	
Email Address	emailAddress	
Last Working Date	terminatedDate	
	addressInformation	
Address 1	address1	
Address 2	address2	
Address 3	address3	



Employee Record Active Event	WACS REST IWS: W1- EmployeeSynchronization	DVM Mapping
Region 1	state	
Region 2	county	
Postal Code	postal	
Country	country	
Report Run Date	billableRatesList effectiveDate	
Salary Basis	billableRate	
Work Phone or Mobile	phoneNumbers/phoneNumbersList phoneType countryCode areaCode phoneNumber	Work Phone: W1PR (Primary) Mobile: W1MB

# Job Synchronization Process (Oracle HCM Cloud Initiated)

The mapping details are shown in the table below:

Job HCM Extract HCM_JOB_WACS	WACS REST Service: W1-Craft (Operation: PUT, URI: /{externalSystem}/{externalId})			DVM Mapping
	Element Name	Parent Element	Type	
	externalSystem	Parameter		
JOB_ID	externalId	Parameter		
	W1UpdAdCraft		Group	
	input	W1UpdAdCraft	Group	
JOB_CODE	craftCode	input	Field	
JOB_STATUS	status	input	Field	HCMWACS_JobStatus
JOB_NAME	description	input	Field	
	longDescription	input	Field	
	resourceSource	input	Field	
	defaultValueToActivity	input	Field	
	acceptOnReceipt	input	Field	
	schedulePriority	input	Field	
	unitPricesList	input	List	
	effectiveDate	unitPricesList	Field	
AVG_RATE_VALUE_MID	unitPrice	unitPricesList	Field	
	regularExpenseCode	input	Field	
	premiumExpenseCode	input	Field	
	output	W1UpdAdCraft	Group	
	craftId	output	Field	

# Employee Absence Synchronization Process (Oracle HCM Cloud Initiated)

The mapping details are shown in the table below.

HCM Extract Absence Bulk File	WACS REST Service: W1-Leave (Operation: PUT, URI: /{externalId} )			DVM Mapping	Comments
	Element Name	Parent Element	Type		
	W1UpdLeave		Group		
	input	W1UpdLeave	Group		
	externalSystem	input	Field		<b>Defaulted by Integration.</b> Get value from property name wacs.externalSystem in the ERPWACS_ConfigProps file. This value must exist in WAM.
PERSON_ENTRY_ID	externalId	input	Field		This is the ERP's unique system generated Absence ID.
ABSENCE_TYPE	leaveType	input	Field	HCMWACS_AbsenceType	
TYPE_REASON	description	input	Group		Absence Description is optional in WACS. If type reason is populated, use that as the description. If type reason is blank, use comments. If both type reason and comments are blank, no description is passed.
COMMENTS	description				Absence Description is optional in WACS. If type reason is populated, use that as the description. If type reason is blank, use comments. If both type reason and comments are blank, no description is passed.
	applicantId	input	Field		<b>WAM Employee ID - Not Mapped</b>
PERSON_ID	applicantExternalId	input			HCM Employee ID. This external employee ID should exist in WACS.

HCM Extract Absence Bulk File	WACS REST Service: W1-Leave (Operation: PUT, URI: /{externalId} )				DVM Mapping	Comments
	Element Name	Parent Element	Type			
STATUS_CODE	status	input	Field	HCMWACS_AbsenceStatus	Absence Status. For initial load, HCM send Approved absences only. For incremental load, send Approved and Canceled absences only. Use DVM to translate the ERP status to the equivalent WAM values. *** WAM Statuses: Approved, Inactive and Canceled. ERP Status Code: SUBMITTED and ORA_WITHDRAWN.	
START_DATE_TIME	startDateTime	input	Field		Map START_DATE_TIME, convert it to xsd format and use the timezone from ABS_START_DATE.	
END_DATE_TIME	endDateTime	input	Field		Map END_DATE_TIME, convert it to xsd format and use the timezone from ABS_END_DATE.	
	output	W1UpdLeave	Group			
	leaveId	output	Field			