

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

Data Mapping Guide

Release 19C

**F27162-01**

February 2020

Oracle Utilities Work and Asset Management Integration to Oracle Field Service Cloud Data Mapping Guide, Release 19C

Copyright © 2019, 2020 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 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 installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. 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 and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon 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, Opteron, the AMD logo, and the AMD Opteron 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.

# Contents

---

## Preface

Audience .....	ii
Documentation and Resources .....	ii
Documentation Accessibility .....	iii
Conventions.....	iii
Acronyms.....	iii

## Appendix A

<b>Data Mapping .....</b>	<b>A-1</b>
Complete Activity (Oracle Field Service Cloud Initiated).....	A-2
Get Activity Details from Oracle Field Service Cloud.....	A-2
Get File Data from Oracle Field Service Cloud.....	A-3
Send Activity Data to Oracle Utilities Work and Asset Management .....	A-4
Get Attachment Data from Oracle Field Service Field.....	A-5
Send Activity Completion Data to Oracle Utilities Work and Asset Management .....	A-6
Resource Usage (Oracle Utilities Field Service Initiated).....	A-9
Invoke Oracle Utilities Work and Asset Management Equipment.....	A-9
Invoke Oracle Utilities Work and Asset Management Other Usage Details.....	A-10
Invoke Oracle Utilities Work and Asset Management Resource .....	A-11
Admin Sync (Oracle Utilities Work and Asset Management Initiated).....	A-13
Get Mobile Control Data from Oracle Utilities Work and Asset Management .....	A-14
Set Downtime Reason Values to Oracle Field Service Cloud.....	A-14
Set Measurement Gauge Reason Values to Oracle Field Service Cloud.....	A-15
Set Measurement Meter Reason Values to Oracle Field Service Cloud .....	A-16
Set Crew Shift Type Values to Oracle Field Service Cloud.....	A-17
Set Overtime Type values to Oracle Field Service Cloud.....	A-18
Set Labor Earning Type values to Oracle Field Service Cloud.....	A-20
Populate Resource UOM Values in Oracle Field Service Cloud.....	A-21
Set Equipment Values to Oracle Field Service Cloud.....	A-22
Set Other Resource Type Values to Oracle Field Service Cloud.....	A-23
Set Craft Values to Oracle Field Service Cloud.....	A-24
Set Work Skill to Oracle Field Service Cloud .....	A-25
Set Work Skill Property .....	A-26
Replace Oracle Field Service Cloud Work Skill Conditions.....	A-27
Process Activity (Oracle Utilities Work and Asset Management Initiated).....	A-28
Invoke Oracle Field Service Add Activity.....	A-28
Receive Oracle Utilities Work and Asset Management Work Activity Update Response .....	A-34
Invoke Oracle Field Service Cloud Cancel Activity.....	A-35
Receive Oracle Utilities Work and Asset Management Cancel Activity Response.....	A-36
Target Oracle Field Service Cloud Attachment.....	A-37
Target Oracle Field Service Cloud Labour.....	A-39

---

# Preface

Welcome to the Oracle Utilities Work and Asset Management Integration to Oracle Field Service Cloud 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 Field Service Cloud:

- Oracle Utilities Work and Asset Management

## 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 Utilities Work and Asset Management Integration to Oracle Field Service Cloud Configuration Guide	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 Field Service Cloud Configurations Whitepaper	
Oracle Utilities Work and Asset Management documentation	
Oracle Field Service Cloud documentation	<a href="https://docs.oracle.com/en/cloud/saas/field-service/19d/index.html">https://docs.oracle.com/en/cloud/saas/field-service/19d/index.html</a>

### 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.  Access the support site for the Edge Application Certification Matrix for Oracle Utilities Products (Doc ID 1454143.1) or refer to the Oracle Utilities Integrations page at <a href="http://my.oracle.com/site/tugbu/productsindustry/productinfo/utilities/integration/index.htm">http://my.oracle.com/site/tugbu/productsindustry/productinfo/utilities/integration/index.htm</a>
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
OFSC	Oracle Field Service Cloud
OIC	Oracle Integration Cloud
ICS	Integration Cloud Service
DVM	Domain Value Map (Lookup)
WAM	Oracle Utilities Work and Asset Management
WACS	Oracle Utilities Work and Asset Cloud Service

# Appendix A

---

## Data Mapping

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

- [Complete Activity \(Oracle Field Service Cloud Initiated\)](#)
- [Resource Usage \(Oracle Utilities Field Service Initiated\)](#)
- [Admin Sync \(Oracle Utilities Work and Asset Management Initiated\)](#)
- [Process Activity \(Oracle Utilities Work and Asset Management Initiated\)](#)

# Complete Activity (Oracle Field Service Cloud Initiated)

This section describes data mapping for the following:

- [Get Activity Details from Oracle Field Service Cloud](#)
- [Get File Data from Oracle Field Service Cloud](#)
- [Send Activity Data to Oracle Utilities Work and Asset Management](#)
- [Get Attachment Data from Oracle Field Service Field](#)
- [Send Activity Completion Data to Oracle Utilities Work and Asset Management](#)

## Get Activity Details from Oracle Field Service Cloud

Mapping details for “Map to getActivityDetails” activity are as shown in the table below:

Oracle Field Service Cloud Activity Completed Event Request Message			Oracle Field Service Cloud Activity Get Activity Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column
notify_POST		Outerm osttag	canonical_GET		Outerm osttag			
events.definitions.activity Event	notify_POST	Group	TemplateParameters	canonical_GET	Group			
activityDetails	events.definitions.activity Event	Group						
activityId	activityDetails		activityId	TemplateParameters	String			



# Get File Data from Oracle Field Service Cloud

Mapping details for “Map to getFileData” activity are as shown in the table below:

Oracle Field Service Cloud Get Activity Response Message			Oracle Field Service Cloud Get File Data Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Cloud Column	Oracle Utilities Work and Asset Management Column
canonical_GETResponse		Outerm osttag	get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_activiti es_0x736c68__0x6c6362_activityId_0x726362__0x736c68__0x6c6362_propertyLabel_0x726362__		Outerm osttag			
activities.definitions.getActivitySchema	canonical_GETResponse	Group	TemplateParameters	get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_activities_0x736c68__0x6c6362_activityId_0x726362__0x736c68__0x6c6362_propertyLabel_0x726362__	Group			
activityId	activities.definitions.getActivitySchema	Field	activityId	TemplateParameters	String			
<b>Note:</b> Map property label as 'wam_activity_consolidated_inventories' text			propertyLabel	TemplateParameters	String			

# Send Activity Data to Oracle Utilities Work and Asset Management

Response Mapping details for the Complete Activity integration point are as shown in the table below:

Oracle Field Service Cloud Activity Details Response Message			Oracle Utilities Work and Asset Management Get File Completion Request			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Column 1	Column 2
canonical_GETResponse		Outerm osttag	W1-MblActCom		Outerm osttag			
activities.definitions.get ActivitySchema	canonical_GETResponse	Group	input	W1-MblActCom	Group			
apptNumber	activities.definitions.get ActivitySchema	String	activityId	input	Field			
activityId	activities.definitions.get ActivitySchema	String	mobileActivityId	input	Field			
endTime	activities.definitions.get ActivitySchema	String	completionDate	input	Field	OFSCWAM_ TimeZone	TimeZone	Offset
						WAMOFSC_ ConfigProps	PropertyName = 'wam.offset'	Value
get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_activities_0x736c68__0x6c6362_activityId_0x726362__0x736c68__0x6c6362_propertyLabel_0x726362_Response		Outerm osttag						

Oracle Field Service Cloud Activity Details Response Message			Oracle Utilities Work and Asset Management Get File Completion Request			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Column 1	Column 2
streamReference	get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_activities_0x736c68__0x6c6362_activityId_0x726362__0x736c68__0x6c6362_propertyLabel_0x726362_Response	group						
root	streamReference	String	assetLocationAssets	completion	Group			

## Get Attachment Data from Oracle Field Service Field

Mapping details for “Map to getInvAttachment” transformation activity are as shown in the table below:

Oracle Field Service Cloud Get Activity Response Message			Oracle Field Service Cloud Get File Data Request			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Cloud Column	Oracle Utilities Work and Asset Management Column
AL		Outerm osttag	get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_activities_0x736c68__0x6c6362_activityId_0x726362__0x736c68__0x6c6362_propertyLabel_0x726362__		Outerm osttag			

Oracle Field Service Cloud Get Activity Response Message			Oracle Field Service Cloud Get File Data Request			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Cloud Column	Oracle Utilities Work and Asset Management Column
attachmentList	AL	List	TemplateParameters	get_0x737063__0x736c68_rest_0x736c68_of_scCore_0x736c68_v1_0x736c68_activities_0x736c68__0x6c6362_activityId_0x726362__0x736c68__0x6c6362_propertyLabel_0x726362_	Group			
wamUploadFileNumber	attachmentList	Field	propertyLabel	TemplateParameters	String			
inventoryId	attachmentList	Field	inventoryId	TemplateParameters	String			

## Send Activity Completion Data to Oracle Utilities Work and Asset Management

Mapping details for “Map to invokeWAMActivity” transformation activity are as shown in the table below:

Oracle Field Service Cloud Activity Details Response Message			Oracle Utilities Work and Asset Management Completion Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Cloud Column	Oracle Utilities Work and Asset Management Column
notify_POST		Outerm osttag	W1-MblActCom		Outerm osttag			
events.definitions.activity Event	notify_POST	Group	input	W1-MblActCom	Group			
activityDetails	events.definitions.activity Event	Group						

Oracle Field Service Cloud Activity Details Response Message			Oracle Utilities Work and Asset Management Completion Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Cloud Column	Oracle Utilities Work and Asset Management Column
activityId	activityDetails	String	mobileActivityId	input	Field			
apptNumber	activityDetails	String	activityId	input	Field			
canonical_GETResponse		Outerm osttag						
activities.definitions.getActivitySchema	canonical_GETResponse	Group						
endTime	activities.definitions.getActivitySchema	String	completionDateTime	input	Field	OFSCWAM_ TimeZone  WAMOFSC_ ConfigProps	TimeZone  PropertyName = 'wam.offset'	Offset  Value
CompletionData		Outerm osttag						
XmlPayload	CompletionData							
parent	XmlPayload							
root	parent							
			completion	input	Group			
			assetLocationAssets	completion	Group			
assetLocationAssetList	root	List	assetLocationAssetList	assetLocationAssets	List			
serviceHistories	assetLocationAssetList	Group	serviceHistories	assetLocationAssetList	Group			
serviceHistoryList	serviceHistories	List	serviceHistoryList	serviceHistories	List			

Oracle Field Service Cloud Activity Details Response Message			Oracle Utilities Work and Asset Management Completion Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Cloud Column	Oracle Utilities Work and Asset Management Column
serviceHistory Completion	serviceHistoryList	Group	serviceHistory Completion	serviceHistoryList	Group			
attachments	serviceHistory Completion	Group	attachments	serviceHistory Completion	Group			
attachmentList	attachments	List	attachmentList	attachments	List			
bo	attachmentList	Field	bo	attachmentList	Field	WAMOFSC_AttachmentBO	OFSC_MimeType	WAM_AttachmentBO
attachmentData	attachmentList	Field	attachmentData	attachmentList	Field	WAMOFSC_ConfigProps	PropertyName = 'wam.handleTextFileDecoding'	Value
get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_activities_0x736c68__0x6c6362_activityId_0x726362__0x736c68__0x6c6362_propertyLabel_0x726362_Response		Outerm osttag						

# Resource Usage (Oracle Utilities Field Service Initiated)

This section describes data mapping for the following:

- [Invoke Oracle Utilities Work and Asset Management Equipment](#)
- [Invoke Oracle Utilities Work and Asset Management Other Usage Details](#)
- [Invoke Oracle Utilities Work and Asset Management Resource](#)

## Invoke Oracle Utilities Work and Asset Management Equipment

Mapping details for “Map to invokeWAMEquipment” transformation activity are as shown in the table below:

Oracle Field Service Cloud Activity Receive Request Message			Invoke Oracle Utilities Work and Asset Management Equipment Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column
execute		Outerm osttag	W1-IntODCDtl		Outerm osttag			
request-wrapper	execute							
request	request-wrapper							
xmlPayload	request							
equipmentDetails	xmlPayload	Group						
			input	W1-IntODCDtl	Group			
			resourceChargeDetails	input	Group			
date	equipmentDetails	Field	chargeDate	resourceChargeDetails	Field			
activityId	equipmentDetails	Field	activityId	resourceChargeDetails	Field			
employeeExternalId	equipmentDetails	Field	employeeExternalId	resourceChargeDetails	Field			
W1EQ		String	resourceClass	resourceChargeDetails	Field			
resourceTypeCode	equipmentDetails	Field	resourceTypeCode	resourceChargeDetails	Field			
quantity	equipmentDetails	Field	quantity	resourceChargeDetails	Field			

# Invoke Oracle Utilities Work and Asset Management Other Usage Details

Mapping details for “Map to invokeOtherUsageDetails” transformation activity are as shown in the table below:

Oracle Field Service Cloud Activity Receive Request Message			Invoke Oracle Utilities Work and Asset Management Invoke Other Usage Details Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column
execute		Outerm osttag	W1-IntODCDtl		Outerm osttag			
request-wrapper	execute							
request	request-wrapper							
xmlPayload	request							
otherDetails	xmlPayload	Group						
			input	W1-IntODCDtl	Group			
			resourceChargeDetails	input	Group			
date	otherDetails	Field	chargeDate	resourceChargeDetails	Field			
activityId	otherDetails	Field	activityId	resourceChargeDetails	Field			
employeeExternalId	otherDetails	Field	employeeExternalId	resourceChargeDetails	Field			
"W1OT"		String	resourceClass	resourceChargeDetails	Field			
resourceTypeCode	otherDetails	Field	resourceTypeCode	resourceChargeDetails	Field			
quantity	otherDetails	Field	quantity	resourceChargeDetails	Field			



# Invoke Oracle Utilities Work and Asset Management Resource

Mapping details for “Map to invokeWAMResource” transformation activity are as shown in the table below:

Oracle Field Service Cloud Activity Receive Request Message			Invoke Oracle Utilities Work and Asset Management Resource Request			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column
execute		Outerm osttag	W1-IntTMSDtl		Outerm osttag			
request-wrapper	execute							
request	request-wrapper							
xmlPayload	request							
			input	W1-IntTMSDtl	Group			
timeSheetDetails	xmlPayload	Field	timeSheetDetails	input	Group			
date	timeSheetDetails	Field	date	timeSheetDetails	Field			
activityId	timeSheetDetails	Field	activityId	timeSheetDetails	Field			
employeeId	timeSheetDetails	Field	employeeId	timeSheetDetails	Field			
employeeExternalId	timeSheetDetails	Field	employeeExternalId	timeSheetDetails	Field			
craft	timeSheetDetails	Field	resourceTypeCode	timeSheetDetails	Field			
hours	timeSheetDetails	Field	hours	timeSheetDetails	Field			
regularOvertime	timeSheetDetails	Field	regularOvertime	timeSheetDetails	Field			
overtimeType	timeSheetDetails	Field	overtimeType	timeSheetDetails	Field			
laborEarningType	timeSheetDetails	Field	laborEarningType	timeSheetDetails	Field			
shiftType	timeSheetDetails	Field	shiftType	timeSheetDetails	Field			
startDateTime	timeSheetDetails	String	startDateTime	timeSheetDetails	Field	OFSCWAM_ TimeZone	TimeZone	Offset
						WAMOFSC_ ConfigProps	PropertyName = 'wam.offset'	Value

Oracle Field Service Cloud Activity Receive Request Message			Invoke Oracle Utilities Work and Asset Management Resource Request			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column
endDateTime	timeSheetDetails	String	endDateTime	timeSheetDetails	Field	OFSCWAM_TimeZone	TimeZone	Offset
						WAMOFSC_ConfigProps	PropertyName = 'wam.offset'	Value
travelTime	timeSheetDetails	String	travelTime	timeSheetDetails	Field			

## Admin Sync (Oracle Utilities Work and Asset Management Initiated)

This section describes data mapping for the following:

- [Get Mobile Control Data from Oracle Utilities Work and Asset Management](#)
- [Set Downtime Reason Values to Oracle Field Service Cloud](#)
- [Set Measurement Gauge Reason Values to Oracle Field Service Cloud](#)
- [Set Measurement Meter Reason Values to Oracle Field Service Cloud](#)
- [Set Crew Shift Type Values to Oracle Field Service Cloud](#)
- [Set Overtime Type values to Oracle Field Service Cloud](#)
- [Set Labor Earning Type values to Oracle Field Service Cloud](#)
- [Populate Resource UOM Values in Oracle Field Service Cloud](#)
- [Populate Resource UOM Values in Oracle Field Service Cloud](#)
- [Set Equipment Values to Oracle Field Service Cloud](#)
- [Set Other Resource Type Values to Oracle Field Service Cloud](#)
- [Set Craft Values to Oracle Field Service Cloud](#)
- [Set Work Skill to Oracle Field Service Cloud](#)
- [Set Work Skill Property](#)
- [Replace Oracle Field Service Cloud Work Skill Conditions](#)

# Get Mobile Control Data from Oracle Utilities Work and Asset Management

Mapping details regarding “Map to Get\_MobileControlData” transformation activity are shown in the table below:

Oracle Integration Cloud Get Mobile Control Data Request Message			Oracle Utilities Work and Asset Management External Mobile Control Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column
			W1-ExtMbCnDa		Outerm osttag			
		input		W1-ExtMbCnDa	Group			
\$Language		Outerm osttag	language	input	String	WAMOFSC_Language	WAM_Language	OFSC_Language

# Set Downtime Reason Values to Oracle Field Service Cloud

Mapping details regarding “Map to PutDowntimeReasonValues” transformation activity are as shown in the table below:

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Cloud Downtime Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column
\$Get_MobileControlData		Outerm osttag	execute		Outerm osttag			
W1-ExtMbCnDaResponse	\$Get_MobileControlData	Group	request-wrapper	execute	Group			
W1-ExtMbCnDa	W1-ExtMbCnDaResponse	Group						
output	W1-ExtMbCnDa	Group						
controlDataEntities	output	Group						

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Cloud Downtime Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column
entity	controlDataEntities	List	items	request-wrapper	List			
code	entity	string	label	items	string			
\$ActiveFlag_Default		Outerm osttag	active	items	boolean	WAMOFSC_ConfigProps	PropertyName = "activeFlag.default"	Value = "true"
			translations	items	List			
description	entity		name	translations	string			
\$Language		Outerm osttag	language	translations	string			

## Set Measurement Gauge Reason Values to Oracle Field Service Cloud

Mapping details regarding “Map to PutMeasurementGaugeReasonValues” transformation activity are as shown in the table below:

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Cloud Measurement Gauge Reason Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column
\$Get_MobileControlData		Outerm osttag	execute		Outerm osttag			
W1-ExtMbCnDaResponse	\$Get_MobileControlData	Group	request-wrapper	execute	Group			
W1-ExtMbCnDa	W1-ExtMbCnDaResponse	Group						
output	W1-ExtMbCnDa	Group						

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Cloud Measurement Gauge Reason Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column
controlDataEntities	output	Group						
entity	controlDataEntities	List	items	request-wrapper	List			
code	entity	string	label	items	string			
\$ActiveFlag_Default		Outerm osttag	active	items	boolean	WAMOFSC_ConfigProps	PropertyName = "activeFlag.default"	Value = "true"
			translations	items	List			
description	entity		name	translations	string			
\$Language		Outerm osttag	language	translations	string			

## Set Measurement Meter Reason Values to Oracle Field Service Cloud

Mapping details regarding “Map to PutMeasurementMeterReasonValues” transformation activity are as shown in the table below:

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Cloud Measurement Meter Reason Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column
\$Get_MobileControlData		Outerm osttag	execute		Outerm osttag			
W1-ExtMbCnDaResponse	\$Get_MobileControlData	Group	request-wrapper	execute	Group			
W1-ExtMbCnDa	W1-ExtMbCnDaResponse	Group						

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Cloud Measurement Meter Reason Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column
output	W1-ExtMbCnDa	Group						
controlDataEntities	output	Group						
entity	controlDataEntities	List	items	request-wrapper	List			
code	entity	string	label	items	string			
\$ActiveFlag_Default		Outerm osttag	active	items	boolean	WAMOFSC_ConfigProps	PropertyName = "activeFlag.default"	Value = "true"
			translations	items	List			
description	entity		name	translations	string			
\$Language		Outerm osttag	language	translations	string			

## Set Crew Shift Type Values to Oracle Field Service Cloud

Mapping details regarding “Map to PutCrewShiftTypeValues” transformation activity are as shown in the table below:

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Cloud Crew Shift Type Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column
\$Get_MobileControlData		Outerm osttag	execute		Outerm osttag			
W1-ExtMbCnDaResponse	\$Get_MobileControlData	Group	request-wrapper	execute	Group			

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Cloud Crew Shift Type Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column
W1-ExtMbCnDa	W1-ExtMbCnDaResponse	Group						
output	W1-ExtMbCnDa	Group						
controlDataEntities	output	Group						
entity	controlDataEntities	List	items	request-wrapper	List			
code	entity	string	label	items	string			
\$ActiveFlag_Default		Outerm osttag	active	items	boolean	WAMOFSC_ConfigProps	PropertyName = "activeFlag.default"	Value = "true"
			translations	items	List			
description	entity		name	translations	string			
\$Language		Outerm osttag	language	translations	string			

## Set Overtime Type values to Oracle Field Service Cloud

Mapping details regarding “Map to PutOvertimeTypeValues” transformation activity are as shown in the table below:

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Cloud Obertime Type Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column
\$Get_MobileControlData		Outerm osttag	execute		Outerm osttag			



Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Cloud Overtime Type Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column
W1-ExtMbCnDaResponse	\$Get_MobileControlData	Group	request-wrapper	execute	Group			
W1-ExtMbCnDa	W1-ExtMbCnDaResponse	Group						
output	W1-ExtMbCnDa	Group						
controlDataEntities	output	Group						
entity	controlDataEntities	List	items	request-wrapper	List			
code	entity	string	label	items	string			
\$ActiveFlag_Default		Outerm osttag	active	items	boolean	WAMOFSC_ConfigProps	PropertyName = "activeFlag.default"	Value = "true"
			translations	items	List			
description	entity		name	translations	string			
\$Language		Outerm osttag	language	translations	string			

# Set Labor Earning Type values to Oracle Field Service Cloud

Mapping details regarding “Map to PutLaborEarningTypeValues” transformation activity are as shown in the table below:

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Cloud Labor Earning Type Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column
\$Get_MobileControlData		Outerm osttag	execute		Outerm osttag			
W1-ExtMbCnDaResponse	\$Get_MobileControlData	Group	request-wrapper	execute	Group			
W1-ExtMbCnDa	W1-ExtMbCnDaResponse	Group						
output	W1-ExtMbCnDa	Group						
controlDataEntities	output	Group						
entity	controlDataEntities	List	items	request-wrapper	List			
code	entity	string	label	items	string			
\$ActiveFlag_Default		Outerm osttag	active	items	boolean	WAMOFSC_ConfigProps	PropertyName = "activeFlag.defau lt"	Value = "true"
			translations	items	List			
description	entity		name	translations	string			
\$Language		Outerm osttag	language	translations	string			

# Populate Resource UOM Values in Oracle Field Service Cloud

Mapping details regarding “Map to PopulateResourceUOMValue” transformation activity are as shown in the table below:

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Cloud Resource UOM Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column
\$Get_MobileControlData		Outerm osttag	execute		Outerm osttag			
W1-ExtMbCnDaResponse	\$Get_MobileControlData	Group	request-wrapper	execute	Group			
W1-ExtMbCnDa	W1-ExtMbCnDaResponse	Group						
output	W1-ExtMbCnDa	Group						
controlDataEntities	output	Group						
entity	controlDataEntities	List	items	request-wrapper	List			
code	entity	string	label	items	string			
\$ActiveFlag_Default		Outerm osttag	active	items	boolean	WAMOFSC_ConfigProps	PropertyName = "activeFlag.defau lt"	Value = "true"
			translations	items	List			
description	entity		name	translations	string			
\$Language		Outerm osttag	language	translations	string			

# Set Equipment Values to Oracle Field Service Cloud

Mapping details regarding “Map to PutEquipmentValues” transformation activity are as shown in the table below:

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Cloud Equipment Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column
\$Get_MobileControlData		Outerm osttag	execute		Outerm osttag			
W1-ExtMbCnDaResponse	\$Get_MobileControlData	Group	request-wrapper	execute	Group			
W1-ExtMbCnDa	W1-ExtMbCnDaResponse	Group						
output	W1-ExtMbCnDa	Group						
resourceTypes	output	Group						
resourceTypeList	resourceTypes	List	items	request-wrapper	List			
resourceTypeCode	resourceTypeList	string	label	items	string			
\$ActiveFlag_Default		Outerm osttag	active	items	boolean	WAMOFSC_ConfigProps	PropertyName = "activeFlag.default"	Value = "true"
			translations	items	List			
description	resourceTypeList		name	translations	string			
resourceUOM	resourceTypeList		name	translations	string			
\$Language		Outerm osttag	language	translations	string			

# Set Other Resource Type Values to Oracle Field Service Cloud

Mapping details regarding “Map to PutOtherResourceTypeValues” transformation activity are as shown in the table below:

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Cloud Other Resource Type Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column
\$Get_MobileControlData		Outerm osttag	execute		Outerm osttag			
W1-ExtMbCnDaResponse	\$Get_MobileControlData	Group	request-wrapper	execute	Group			
W1-ExtMbCnDa	W1-ExtMbCnDaResponse	Group						
output	W1-ExtMbCnDa	Group						
resourceTypes	output	Group						
resourceTypeList	resourceTypes	List	items	request-wrapper	List			
resourceTypeCode	resourceTypeList	string	label	items	string			
\$ActiveFlag_Default		Outerm osttag	active	items	boolean	WAMOFSC_ConfigProps	PropertyName = "activeFlag.default"	Value = "true"
			translations	items	List			
description	resourceTypeList		name	translations	string			
resourceUOM	resourceTypeList		name	translations	string			
\$Language		Outerm osttag	language	translations	string			

# Set Craft Values to Oracle Field Service Cloud

Mapping details regarding “Map to PutCraftValues” transformation activity are as shown in the table below:

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Cloud Craft Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column
\$Get_MobileControlData		Outerm osttag	execute		Outerm osttag			
W1-ExtMbCnDaResponse	\$Get_MobileControlData	Group	request-wrapper	execute	Group			
W1-ExtMbCnDa	W1-ExtMbCnDaResponse	Group						
output	W1-ExtMbCnDa	Group						
resourceTypes	output	Group						
resourceTypeList	resourceTypes	List	items	request-wrapper	List			
resourceTypeCode	resourceTypeList	string	label	items	string			
\$ActiveFlag_Default		Outerm osttag	active	items	boolean	WAMOFSC_ConfigProps	PropertyName = "activeFlag.default"	Value = "true"
			translations	items	List			
description	resourceTypeList		name	translations	string			
resourceUOM	resourceTypeList		name	translations	string			
\$Language		Outerm osttag	language	translations	string			

# Set Work Skill to Oracle Field Service Cloud

Mapping details regarding “Map to Put\_WorkSkill” transformation activity are as shown in the table below:

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Cloud Craft Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column
			execute		Outerm ostag			
			TemplateParameters	execute	Group			
\$Var_WorkSkill		Outerm ostag	label	TemplateParameters	string			
			request-wrapper	execute	Group			
\$ActiveFlag_Default		Outerm ostag	active	items	boolean	WAMOFSC_ConfigProps	PropertyName = "activeFlag.default"	Value = "true"
\$WorkSkill_Sharing_Default		Outerm ostag	sharing	request-wrapper	string	WAMOFSC_ConfigProps	PropertyName = "workSkill.sharing.default"	Value = "summary"
			translations	request-wrapper	List			
\$Var_WorkSkillDescr		Outerm ostag	name	translations	string			
\$Language		Outerm ostag	language	translations	string			

# Set Work Skill Property

Mapping details regarding “Map to Put\_WorkSkillProperty” transformation activity are as shown in the table below:

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Cloud Craft Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column
			execute		Outerm ostag			
			TemplateParameters	execute	Group			
\$Var_WorkSkill		Outerm ostag	label	TemplateParameters	string			
			request-wrapper	execute	Group			
\$WorkSkillProperty_Type_Default		Outerm ostag	type	request-wrapper	string	WAMOFSC_ConfigProps	PropertyName = "workSkillProperty.type.default"	
\$WorkSkillProperty_Entity_Default		Outerm ostag	entity	request-wrapper	string	WAMOFSC_ConfigProps	PropertyName = "workSkillProperty.entity.default"	
\$WorkSkillProperty_Gui_Default		Outerm ostag	gui	request-wrapper	string	WAMOFSC_ConfigProps	PropertyName = "workSkillProperty.gui.default"	
			translations	request-wrapper	List			
\$Var_WorkSkillDescr		Outerm ostag	name	translations	string			
\$WorkSkillProperty_NameSuffix_Default		Outerm ostag	name	translations	string	WAMOFSC_ConfigProps	PropertyName = "workSkillProperty.nameSuffix.default"	
\$Language		Outerm ostag	language	translations	string			



# Replace Oracle Field Service Cloud Work Skill Conditions

Mapping details regarding “Map to ReplaceOFSCWorkSkillConditions” transformation activity are as shown in the table below:

Get Work Skill ConditionOracle Field Service Cloud			Oracle Field Service Cloud Downtime Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column
XmlPayload		Outerm osttag	execute		Outerm osttag			
			request-wrapper	execute	Group			
			items	request-wrapper	List			
			internalId	items	Field			
label	XmlPayload	Field	label	items	Field			
requiredLevel	XmlPayload	Field	requiredLevel	items	Field			
preferableLevel	XmlPayload	Field	preferableLevel	items	Field			
conditions	XmlPayload	List	conditions	items	List			
label	conditions	Field	label	conditions	Field			
function	conditions	Field	function	conditions	Field			
			valueList	conditions	List			
value	conditions	Field	value	conditions	Field			

# Process Activity (Oracle Utilities Work and Asset Management Initiated)

This section describes data mapping for the following:

- [Invoke Oracle Field Service Add Activity](#)
- [Receive Oracle Utilities Work and Asset Management Work Activity Update Response](#)
- [Invoke Oracle Field Service Cloud Cancel Activity](#)
- [Receive Oracle Utilities Work and Asset Management Cancel Activity Response](#)
- [Target Oracle Field Service Cloud Attachment](#)
- [Target Oracle Field Service Cloud Labour](#)

## Invoke Oracle Field Service Add Activity

Mapping details for “Map to invokeOFSCAddActivity” transformation activity are as shown in the table below:

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service Cloud Request Message			DVM Mapping			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column	Comments
sendDetails	W1-WOActivityActiveOut boundMsg	Outermost Tag	bulkUpdate_ POST		Outermost Tag				
			activities.definitions.customActionActivityBulkUpdate Schema	bulkUpdate_POST	Group				
			updateParameters	activities.definitions.customActionActivityBulkUpdateSchema	Group				

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service Cloud Request Message			DVM Mapping			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column	Comments
activity	sendDetails		identifyActivityBy	updateParameters	string				Hardcode with “apptNumber”
			ifInFinalStatusThen	updateParameters	string				Hardcode with “doNothing”
			activities	activities.definitions.customActionActivityBulkUpdateSchema	Group				
			resourceId	activities	Field		PropertyName='ofsc.bucket		value
activityId	activity	Field	apptNumber	activities	Field				
activityType	activityDetails	activity	activityType	activities	Field				
locationInformation	activityDetails	Group							
location	locationInformation	Group							
address1,address2,address3,address4	location	Field	streetAddress	activities	Field				Concatenate all the elements and map to the target element.
city	locationInformation	Field	city	activities	Field				
postal	locationInformation	Field	postalCode	activities	Field				
state	locationInformation	Field	stateProvince	activities	Field				
geocodeLongitude	locationInformation	Field	longitude	activities	Field				

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service Cloud Request Message			DVM Mapping			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column	Comments
geocodeLatitude	locationInformation	Field	latitude	activities	Field				
windowStartDateTime	activityDetails	Field	slaWindowStart	activities	Field		PropertyName = 'wam.offset'	Value	The specified library used in mapping of the element.
windowStartDateTime	activityDetails	Field	date	activities	Field		PropertyName = 'wam.offset'	Value	The specified library used in mapping of the element.
windowEndDateTime	activityDetails	Field	slaWindowEnd	activities	Field		PropertyName = 'wam.offset'	Value	The specified library used in mapping of the element.
info	activityDetails	Field	wam_work_activity_info	activities	Field				
description	workorderdetails	Field	wam_work_order_desc	activities	Field				
description	activityDetails	Field	wam_activity_desc	activities	Field				
longDescription	activityDetails	Field	wam_activity_long_desc	activities	Field				
emergency	activityDetails	string	wam_emergency_indicator	activities	string				Hardcode with “No” if emergency = 'W1NO' or “Yes” if emergency = 'W1YS'

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service Cloud Request Message			DVM Mapping			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column	Comments
info	info	Field	wam_activity_location_info	activities	Field				
totalPriority	activityDetails	Field	wam_total_priority	activities	Field				
requiredByDate	activityDetails	Field	wam_required_by_date	activities	Field				
requestorInfo	activityDetails	Field	wam_requestor_info	activities	Field				
activityTypeDesc	activityDetails	Field	wam_activity_type_desc	activities	Field				
workOrderId	workorderdetails	Field	wam_work_order_id	activities	Field				
workOrderNumber	workorderdetails	Field	wam_work_order_number	activities	Field				
assetLocationAssets	activityDetails	Group							
assetLocationAssetList	assetLocationAssets	List							
info	assetDetails	Field	wam_activity_asset_info	activities	Field				
			wam_product	activities	string		source.system		Value
equipmentGroup	activityDetails	Field	wam_equipment_group	activities	Field				
laborGroup	activityDetails	Field	wam_labor_group	activities	Field				

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service Cloud Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column	
otherGroup	activityDetails	Field	wam_other_group	activities	Field				
storeroomGroup	activityDetails	Field	wam_storeroom_group	activities	Field				
serviceHistoryTypes	activityDetails	Field	wam_service_history_types1	activities	Field				The mapping will happen based on the size of the input payload. If the input payload is larger than 62KB, the data larger than 62KB will be distributed other elements.
serviceHistoryTypes	activityDetails	Field	wam_service_history_types2	activities	Field				
serviceHistoryTypes	activityDetails	Field	wam_service_history_types3	activities	Field				
serviceHistoryTypes	activityDetails	Field	wam_service_history_types4	activities	Field				
serviceHistoryTypes	activityDetails	Field	wam_service_history_types5	activities	Field				
serviceHistoryTypes	activityDetails	Field	wam_service_history_types6	activities	Field				
serviceHistoryTypes	activityDetails	Field	wam_service_history_types7	activities	Field				
serviceHistoryTypes	activityDetails	Field	wam_service_history_types8	activities	Field				
serviceHistoryTypes	activityDetails	Field	wam_service_history_types9	activities	Field				
serviceHistoryTypes	activityDetails	Field	wam_service_history_types10	activities	Field				

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service Cloud Request Message			DVM Mapping			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column	Comments
validServiceHistoryTypes	activityDetails	Field	wam_valid_service_history_types	activities	Field				
			wam_activity_attachment_group	activities	Field				
			inventories	activities	Group				
assetLocationAssetList	assetLocationAssets	Field	items	inventories	Group				Loop through the assets
			inventoryType	items	Field	WAMOF SC_ConfigProps	asset.inventory.type	value	
serialNo	assetDetails	Field	serialNumber	items	Field				
validMeasurementTypes	assetLocationAssets	Field	wam_valid_measurement_types	items	Field				
nodeId		Field	wam_node_id	items	Field				
info	assetDetails	Field	wam_asset_info	items	Field				
badgeNo		Field	wam_badge_number	items	Field				
validServiceHistoryTypes		Field	wam_asset_valid_service_history_types	items	Field				
failureInformation		Field	wam_failure_info	items	Field				

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service Cloud Request Message			DVM Mapping			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column	Comments
info	locationInformation	Field	wam_asset_location_info	items	Field				
building	locationInformation	Field	wam_asset_location_building	items	Field				
room	locationInformation	Field	wam_asset_location_room	items	Field				
runToFailure	locationInformation	Field	wam_asset_location_runToFailure	items	Field				
siteLocation	locationInformation	Field	wam_asset_location_siteLocation	items	Field				
pointId	locationInformation	Field	wam_asset_location_pointId	items	Field				
serviceAreaDescription	locationInformation	Field	wam_asset_location_serviceArea	items	Field				
assetId		Field	wam_asset_id	items	Field				
description	assetDetails	Field	wam_asset_desc	items	Field				
assetType	assetDetails	Field	wam_asset_type	items	Field				
			wam_asset_worked	items	string				Hardcode with "1"



# Receive Oracle Utilities Work and Asset Management Work Activity Update Response

Mapping details for “Map to receiveWAMWorkActivity” transformation activity are as shown in the table below:

Oracle Field Service Cloud Response Message			Oracle Utilities Work and Asset Management Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column
bulkUpdate_POSTResponse	results	Outerm ostTag	OFSC_INT_WO_ PAResponse					
activities.definitions.custo mActionActivityBulkUpd ateSchemaResponse	bulkUpdate_POSTRespo nse	Group						
results	activities.definitions.custo mActionActivityBulkUpd ateSchemaResponse	Group						
activityKeys	results	Group						
	activityKeys							
			responseDetails	OFSC_INT_WO_ PAResponse				
activityId	activityKeys	results	externalActivityId	responseDetails				

# Invoke Oracle Field Service Cloud Cancel Activity

Mapping details for “Map to invokeOFSCCancelActivity” transformation activity are as shown in the table below:

Oracle Field Service Cloud Response Message			Oracle Field Service Cloud Request Message			DVM Mapping			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column	Comments
OFSC_INT_WO_PA		OutermostTag	bulkUpdate_POST		OutermostTag				
			activities.definition.s.customActionActivityBulkUpdateSchema	bulkUpdate_PO ST	Group				
			updateParameters	activities.definitions.customActionActivityBulkUpdateSchema	Group				
			identifyActivityBy	updateParameters	Field				Hard code as “apptNumber”
			ifInFinalStatus Then	updateParameters	Field				Hard code as “doNothing”
sendDetails	OFSC_INT_WO_PA	Group	activities	activities.definitions.customActionActivityBulkUpdateSchema					
activity	sendDetails	Group							
activityId	activity	sendDetails	apptNumber	activities					

Oracle Field Service Cloud Response Message			Oracle Field Service Cloud Request Message			DVM Mapping			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column	Comments
			wam_activity_cancel_reason	activities					Hard code with “9”.
			status	activities					Hard code as “cancelled”

## Receive Oracle Utilities Work and Asset Management Cancel Activity Response

Mapping details for “Map to receiveWAMWorkActivity” transformation activity are as shown in the table below:

Oracle Field Service Cloud Response Message			Oracle Utilities Work and Asset Management Request Message			DVM Mapping			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column	Comments
bulkUpdate_POST_Response	results	Outerm ostTag	Fault		Outerm ostTag				
activities.definitions.customActionActivityBulkUpdateSchemaResponse	bulkUpdate_POSTResponse	Group							
results	activities.definitions.customActionActivityBulkUpdateSchemaResponse	Group							
operationsPerformed	results	Field							
operationsFailed	results	Field							

Oracle Field Service Cloud Response Message			Oracle Utilities Work and Asset Management Request Message			DVM Mapping			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column	Comments
			ResponseStatus	Fault	Field				Hard code with “N”.
			ResponseCode	Fault	Field				Hard code as “CANCELED_CODE”
errors	results	Field							
errorDetail	errors	Field	ResponseText	Fault	Field				

# Target Oracle Field Service Cloud Attachment

Mapping details for “Map to TargetOFSCAttachment” transformation activity are as shown in the table below:

Oracle Utilities Work and Asset Management Request Message			REST Request Message			DVM Mapping/OIC Library			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column	Comments
attachmentList		Outerm ostTag	REST Adapter Headers		Outerm ostTag				REST Adapter Headers: put_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_activities_0x736c68__0x6c6362_acti vityId_0x726362__0x736c68__0x6c6362 _propertyLabel_0x726362_
bulkUpdate_ POSTResponse		Outerm ostTag							
			HTTPHeaders	REST Adapter Headers					
			StandardHTTP Headers	HTTPHeaders					
attachmentFile Name	attachmentList	Field	Content- Disposition	StandardHTTP Headers					concat ("attachment; filename=", \$AttachmentList/ ns1:attachmentList / ns1:attachmentFile Name )

Oracle Utilities Work and Asset Management Request Message			REST Request Message			DVM Mapping/OIC Library			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column	Comments
			Template Parameters	REST Adapter Headers					
activities.definitions.customActionActivityBulkUpdateSchemaResponse	bulkUpdate_POSTResponse	Group							
results	activities.definitions.customActionActivityBulkUpdateSchemaResponse	Group							
activityKeys	results	Group							
activityId	activityKeys	Field	activityId	Template Parameters	Field				Map the OFSC response Activity element :\$invokeOFSCAddActivity/ nsmpr1:bulkUpdate_POSTResponse/ nsmpr1:activities.definitions.customActionActivityBulkUpdateSchemaResponse/ns25:results/ ns25:activityKeys/ ns25:activityId

Oracle Utilities Work and Asset Management Request Message			REST Request Message			DVM Mapping/OIC Library			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column	Comments
			propertyLabel	Template Parameters	Field				concat ("wam_attachment_", \$LoopCounter) where loop counter values ranges from 1 to 10.
attachmentData	attachmentList	activity Details	streamReference	Template Parameters	Field				encode the data into base64 using OIC function : oraext:decodeBase64ToReference.

## Target Oracle Field Service Cloud Labour

Mapping details for “Map to TargetOFSCLabor” transformation activity are as shown in the table below:

Oracle Utilities Work and Asset Management Request Message			REST Request Message			DVM Mapping/OIC Library			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column	Comments
laborList		Outerm ostTag	update_PATCH		Outerm ostTag				
bulkUpdate_POSTResponse		Outerm ostTag							
			Template Parameters	update_PATCH	Group				

Oracle Utilities Work and Asset Management Request Message			REST Request Message			DVM Mapping/OIC Library			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column	Comments
activities.definitions.customActionActivityBulkUpdateSchemaResponse	bulkUpdate_POSTResponse	Group							
results	activities.definitions.customActionActivityBulkUpdateSchemaResponse	Group							
activityId	activityKeys	Field	activityId	TemplateParameters	Field				Map the OFSC response Activity element :\$invokeOFSCAddActivity/ nsmpr1:bulkUpdate_POSTResponse/ nsmpr1:activities.definitions.customActionActivityBulkUpdateSchemaResponse/ns25:results/ ns25:activityKeys/ ns25:activityId
laborList									



Oracle Utilities Work and Asset Management Request Message			REST Request Message			DVM Mapping/OIC Library			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Cloud Column	Comments
craftCode	laborList		activities.definition.s.updateActivitySchema	update_PATCH	Field				Build element from the expression concat('W_', \$LaborList/nsmpr0:laborList/nsmpr0:craftCode, '_Nd') Where as \$LaborList/nsmpr0:laborList/nsmpr0:craftCode is taken from the WAM outbound message.
quantity	laborList	labor Group	elemName	activities.definition.s.updateActivitySchema					