

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

Data Mapping Guide

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Oracle Utilities Work and Asset Cloud Service Integration to Oracle Field Service Data Mapping Guide
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Preface

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

- 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 Utilities Work and Asset Cloud Service Integration to Oracle Field Service documentation	https://docs.oracle.com/en/industries/utilities/index.html
Oracle Utilities Work and Asset Cloud Service documentation	
Oracle Field Service documentation	https://docs.oracle.com/en/cloud/saas/field-service/22a/index.html

Additional Documentation

Resource	Location
Oracle Support	Visit My Oracle Support at https://support.oracle.com 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 http://my.oracle.com/site/tugbu/productsindustry/productinfo/utilities/integration/index.htm
Oracle Technology Network (OTN) Latest versions of documents	http://www.oracle.com/technetwork/index.html
Oracle University for training opportunities	http://education.oracle.com/

Updates to Documentation

The complete Oracle Utilities Work and Asset Cloud Service Integration to Oracle Field Service documentation set is available from Oracle Help Center at <https://docs.oracle.com/en/industries/utilities/index.html>.

Visit [My Oracle Support](#) for additional and updated information about the product.

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
boldface	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
OFS	Oracle Field Service
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:

- Admin Sync (Oracle Utilities Work and Asset Cloud Service Initiated)
- Asset Query (Oracle Field Service Initiated)
- Complete Activity (Oracle Field Service Initiated)
- Resource Usage (Oracle Utilities Field Service Initiated)
- Process Activity (Oracle Utilities Work and Asset Cloud Service Initiated)
- Activity Pull Update (Oracle Field Service Initiated)
- Route Activation (Oracle Field Service Initiated)
- Schedule Storeroom Sync (Oracle Field Service Initiated)
- Storeroom Admin Sync (Oracle Field Service Initiated)
- Storeroom Sync (Oracle Field Service Initiated)
- Interim Status (Oracle Field Service Initiated)
- Work Order (Oracle Field Service Initiated)
- Work Request (Oracle Field Service Initiated)

Admin Sync (Oracle Utilities Work and Asset Cloud Service 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](#)
- [Set Measurement Gauge Reason Values to Oracle Field Service](#)
- [Set Measurement Meter Reason Values to Oracle Field Service](#)
- [Set Crew Shift Type Values to Oracle Field Service](#)
- [Set Overtime Type Values to Oracle Field Service](#)
- [Set Labor Earning Type Values to Oracle Field Service](#)
- [Populate Resource UOM Values in Oracle Field Service](#)
- [Populate Location Type Values in Oracle Field Service](#)
- [Populate Priority Flag Values in Oracle Field Service](#)
- [Populate Work Type Values in Oracle Field Service](#)
- [Populate Work Category in Oracle Field Service](#)
- [Set Equipment Values to Oracle Field Service](#)
- [Set Other Resource Type Values to Oracle Field Service](#)
- [Set Craft Values to Oracle Field Service](#)
- [Get Activity Types from Oracle Field Service](#)
- [Create Activity Types from Oracle Field Service](#)
- [Set Work Skill to Oracle Field Service](#)
- [Set Work Skill Property](#)
- [Replace Oracle Field Service 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 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

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 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 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 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 Column
entity	controlDataEntities	List	items	request-wrapper	List			
code	entity	string	label	items	string			
\$ActiveFlag_Default		Outerm osttag	active	items	boolean	WAMOFSC_Co nfigProps	PropertyName = "activeFlag.defau lt"	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

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 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 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 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 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.defau lt"	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

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 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 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 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 Column
output	W1-ExtMbCnDa	Group						
controlDataEntities	output	Group						
entity	controlDataEntities	List	items	request-wrapper	List			
code	entity	string	label	items	string			
\$ActiveFlag_Default	\$ActiveFlag_Default		active	items	boolean	WAMOFSC_Co nfigProps	PropertyName = "activeFlag.defau lt"	Value = "true"
			translations	items	List			
description	description	entity	name	translations	string			
\$Language	\$Language		language	translations	string			

Set Crew Shift Type Values to Oracle Field Service

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 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 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 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 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.defau lt"	Value = "true"
			translations	items	List			
description	entity		name	translations	string			
\$Language		Outerm osttag	language	translations	string			

Set Overtime Type Values to Oracle Field Service

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 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 Column
\$Get_MobileControlData		Outerm osttag	execute		Outerm osttag			

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service 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 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

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 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 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

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 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 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 Location Type Values in Oracle Field Service

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

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Location 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 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 Priority Flag Values in Oracle Field Service

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

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Priority Flag 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 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 Work Type Values in Oracle Field Service

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

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Work 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 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 Work Category in Oracle Field Service

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

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Work Category 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 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

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 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 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.defau lt"	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

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 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 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.defau lt"	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

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 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 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			

Get Activity Types from Oracle Field Service

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

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	PropertyName	DefaultValue
			W1-ExtMbCnDa		Outerm osttag			
input	W1-ExtMbActT							
language	translations	string				WAMOFSC_ Language	OFSC_Language	ENG
externalSystem	translations	string				WAMOFSC_ ActivityType ConfigProps	externalSystem	OFSC

Create Activity Types from Oracle Field Service

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

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	PropertyName	DefaultValue
\$activityType	Outermosttag		TemplateParameters		Outerm osttag			
activityTypeList			execute		Group			
activityType	activityTypeList	String	activityType	TemplateParameters	String			
			request-wrapper		Group			
\$ActiveFlag_Default			active	request-wrapper	String			
			groupLabel	request-wrapper	String	WAMOFSC_Act ivityTypeConfigP rops	PropertyName	all-day
			features		Group			

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	PropertyName	DefaultValue
			isTeamworkAvailable	features	String	WAMOFSC_ActivityTypeConfigProps	features.isTeamworkAvailable	FALSE
			isSegmentingEnabled	features	String	WAMOFSC_SegmentedActivityTypes	ActivityType	FALSE
			allowMoveBetweenResources	features	String	WAMOFSC_ActivityTypeConfigProps	features.allowMoveBetweenResources	TRUE
			allowCreationInBuckets	features	String	WAMOFSC_ActivityTypeConfigProps	features.allowCreationInBuckets	TRUE
			allowReschedule	features	String	WAMOFSC_ActivityTypeConfigProps	features.allowReschedule	TRUE
			supportOfNotOrderedActivities	features	String	WAMOFSC_ActivityTypeConfigProps	features.supportOfNotOrderedActivities	TRUE
			allowNonScheduled	features	String	WAMOFSC_ActivityTypeConfigProps	features.allowNonScheduled	TRUE
			supportOfWorkZones	features	String	WAMOFSC_ActivityTypeConfigProps	features.supportOfWorkZones	TRUE
			supportOfWorkSkills	features	String	WAMOFSC_ActivityTypeConfigProps	features.supportOfTimeSlots	TRUE
			supportOfInventory	features	String	WAMOFSC_ActivityTypeConfigProps	features.supportOfInventory	TRUE

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	PropertyName	DefaultValue
			supportOfLinks	features	String	WAMOFSC_ActivityTypeConfigProps	features.supportOfLinks	TRUE
			supportOfPreferredResources	features	String	WAMOFSC_ActivityTypeConfigProps	features.supportOfPreferredResources	TRUE
			allowMassActivities	features	String	WAMOFSC_ActivityTypeConfigProps	features.allowMassActivities	FALSE
			allowRepeatingActivities	features	String	WAMOFSC_ActivityTypeConfigProps	features.allowRepeatingActivities	FALSE
			calculateTravel	features	String	WAMOFSC_ActivityTypeConfigProps	features.calculateTravel	TRUE
			allowToSearch	features	String	WAMOFSC_ActivityTypeConfigProps	features.allowToSearch	TRUE
			allowToCreateFromIncomingInterface	features	String	WAMOFSC_ActivityTypeConfigProps	features.allowToCreateFromIncomingInterface	TRUE
			calculateActivityDurationUsingStatistics	features	String	WAMOFSC_ActivityTypeConfigProps	features.calculateActivityDurationUsingStatistics	TRUE
			enableDayBeforeTrigger	features	String	WAMOFSC_ActivityTypeConfigProps	features.enableDayBeforeTrigger	TRUE
			enableReminderAndChangeTriggers	features	String	WAMOFSC_ActivityTypeConfigProps	features.enableReminderAndChangeTriggers	TRUE

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	PropertyName	DefaultValue
			enableNotStartedTrigger	features	String	WAMOFSC_ActivityTypeConfigProps	features.enableNotStartedTrigger	TRUE
			enableSwWarningTrigger	features	String	WAMOFSC_ActivityTypeConfigProps	features.enableSwWarningTrigger	TRUE
			calculateDeliveryWindow	features	String	WAMOFSC_ActivityTypeConfigProps	features.calculateDeliveryWindow	TRUE
			slaAndServiceWindowUseCustomerTimeZone	features	String	WAMOFSC_ActivityTypeConfigProps	features.slaAndServiceWindowUseCustomerTimeZone	TRUE
			supportOfRequiredInventory	features	String	WAMOFSC_ActivityTypeConfigProps	features.supportOfRequiredInventory	TRUE
			disableLocationTracking	features	String	WAMOFSC_ActivityTypeConfigProps	features.disableLocationTracking	TRUE
			colors		Group			
			pending	colors	String	WAMOFSC_ActivityTypeConfigProps	colors.pending	FFDE01
			started	colors	String	WAMOFSC_ActivityTypeConfigProps	colors.started	FFDE01
			completed	colors	String	WAMOFSC_ActivityTypeConfigProps	colors.completed	FFDE01

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	PropertyName	DefaultValue
			suspended	colors	String	WAMOFSC_ActivityTypeConfigProps	colors.suspended	FFDE01
			cancelled	colors	String	WAMOFSC_ActivityTypeConfigProps	colors.cancelled	FFDE01
			notdone	colors	String	WAMOFSC_ActivityTypeConfigProps	colors.notdone	FFDE01
			notOrdered	colors	String	WAMOFSC_ActivityTypeConfigProps	colors.notOrdered	FFDE01
			warning	colors	String	WAMOFSC_ActivityTypeConfigProps	colors.warning	FFDE01
			timeSlots	request-wrapper	String	WAMOFSC_ActivityTypeConfigProps	timeslots.label	all-day
			segmentMinDuration	request-wrapper	String	WAMOFSC_ActivityTypeConfigProps	segmentMaxDuration	
			defaultDuration	request-wrapper	String	WAMOFSC_ActivityTypeConfigProps	duration	
			translations		Group			
\$Language	activityTypeList	String	language	translations	String			
description			name	translations	String			

Set Work Skill to Oracle Field Service

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 Work Skill 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 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_Co nfigProps	PropertyName = "activeFlag.defau lt"	Value = "true"
\$WorkSkill_Sharing_Default		Outerm ostag	sharing	request-wrapper	string	WAMOFSC_Co nfigProps	PropertyName = "workSkill.sharin g.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 Work Skill 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 Column
			execute		Outerm osttag			
			TemplateParameters	execute	Group			
\$Var_WorkSkill		Outerm osttag	label	TemplateParameters	string			
			request-wrapper	execute	Group			
\$WorkSkillProperty_Type_Default		Outerm osttag	type	request-wrapper	string	WAMOFSC_ ConfigProps	PropertyName = "workSkillProperty.type.default"	
\$WorkSkillProperty_Entity_Default		Outerm osttag	entity	request-wrapper	string	WAMOFSC_ ConfigProps	PropertyName = "workSkillProperty.entity.default"	
\$WorkSkillProperty_Gui_Default		Outerm osttag	gui	request-wrapper	string	WAMOFSC_ ConfigProps	PropertyName = "workSkillProperty.gui.default"	
			translations	request-wrapper	List			
\$Var_WorkSkillDescr		Outerm osttag	name	translations	string			
\$WorkSkillProperty_NameSuffix_Default		Outerm osttag	name	translations	string	WAMOFSC_ ConfigProps	PropertyName = "workSkillProperty.nameSuffix.default"	
\$Language		Outerm osttag	language	translations	string			

Replace Oracle Field Service Work Skill Conditions

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

Get Work Skill Condition Oracle Field Service			Oracle Field Service 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 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			

Asset Query (Oracle Field Service Initiated)

This section describes data mapping for the following:

- [Default Asset Query Request/Response](#)
- [Asset Query Details by Badge](#)
- [Main Asset Query for Pickup](#)
- [Asset Query for Pickup](#)
- [Asset Details for Pickup Request](#)
- [Asset Query Details Pickup Response](#)

Default Asset Query Request/Response

Mapping details for Default Asset Query request/response are as shown in the table below:

Oracle Field Service Request Message			Oracle Field Service Response Message			DVM Mapping/Oracle Integration Cloud Library		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Column 1	Column 2
execute		Outerm ostTag	response-wrapper		Outerm ostTag			
			output	response-wrapper	Group			
			errorText	output	Field			

Asset Query Details by Badge

Mapping details for Asset Query Details by Badge request are as shown in the table below:

Oracle Field Service Request Message			Oracle Utilities Work and Asset Management Request Message			DVM Mapping/Oracle Integration Cloud Library		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column
request-wrapper		Outerm ostTag	W1GAstDtBNo		Outerm ostTag			
			input	W1GAstDtBNo	Group			
activityId	request-wrapper	Field	activityId	input	Field			
badgeNo	request-wrapper	Field	badgeNo	input	Field			
nodeId	request-wrapper	Field	nodeId	input	Field			
attachedToAssetId	request-wrapper	Field	attachedToAssetId	input	Field			
attachToAssetId	request-wrapper	Field	attachToAssetId	input	Field			

Main Asset Query for Pickup

Mapping details for Main Asset Query for Pickup request are as shown in the table below:

Oracle Field Service Request Message			Oracle Utilities Work and Asset Management Request Message			DVM Mapping/Oracle Integration Cloud Library		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Column 1	Column 2
request-wrapper		Outerm ostTag	W1-AssetQuery		Outerm ostTag			
			input	W1-AssetQuery	Group			

Oracle Field Service Request Message			Oracle Utilities Work and Asset Management Request Message			DVM Mapping/Oracle Integration Cloud Library		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Column 1	Column 2
badgeNo	request-wrapper	Field	badgeNo	input	Field			
location	request-wrapper	Group	location	input	Group			
locationType	location	Field	locationType	location	Field			
address	location	Field	address	location	Field			
city	location	Field	city	location	Field			
postal	location	Field	postal	location	Field			
building	location	Field	building	location	Field			
description	location	Field	description	location	Field			

Asset Query for Pickup

Mapping details for Asset Query for Pickup request are as shown in the table below:

Oracle Utilities Work and Asset Management Response Message			Oracle Field Service Response Message			DVM Mapping/Oracle Integration Cloud Library		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Column 1	Column 2
W1-AssetQueryResponse		OutermostTag	response-wrapper		OutermostTag			
W1-AssetQuery	W1-AssetQueryResponse	Group						
output	W1-AssetQuery	Group	output	response-wrapper	Group			
assets	output	Group						
assetList	assets	List	assetList	Outermosttag	List			

Oracle Utilities Work and Asset Management Response Message			Oracle Field Service Response Message			DVM Mapping/Oracle Integration Cloud Library		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Column 1	Column 2
assetId	assets	Field	assetId	input	Field			
assetInfo	assets	Field	assetInfo	input	Field			
nodeId	assets	Field	nodeId	input	Field			
locationInfo	assets	Field	locationInfo	input	Field			

Asset Details for Pickup Request

Mapping details for Asset Details for Pickup request are as shown in the table below:

Oracle Field Service Request Message			Oracle Utilities Work and Asset Management Request Message			DVM Mapping/Oracle Integration Cloud Library		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Column 1	Column 2
execute		Outerm ostTag	W1-GetAstDtl		Outerm ostTag			
			assetLocationAssets	W1-GetAstDtl	Group			
			assetLocationAsset List	assetLocationAssets	List			
request-wrapper	execute	Group						
assetId	request-wrapper		nodeId	assetLocationAsset List	List			
nodeid	request-wrapper		assetId	assetLocationAsset List	Field			

Asset Query Details Pickup Response

Mapping details for Asset Query Details Pickup response are as shown in the table below:

Oracle Utilities Work and Asset Management Response Message			Oracle Field Service Response Message			DVM Mapping/Oracle Integration Cloud Library		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Column 1	Column 2
W1-GetAstDtlResponse		Outerm ostTag	response-wrapper		Outerm ostTag			
W1-GetAstDtl	W1-GetAstDtlResponse	Group						
assetLocationAssets	W1-GetAstDtl	Group						
assetLocationAssetList	assetLocationAssets	List						
			output	response-wrapper	Group			
			inventories	output	Group			
			items	inventories	Group			
			inventoryType	items	Field	WAMOFSC_ ConfigProps	asset.inventory.type	Value
assetId	assetLocationAssetList	Field	serialNumber	items	Field			
validMeasurementTypes	assetLocationAssetList	Field	wam_valid_measure ment_types	items	Field			
assetDetails	assetLocationAssetList	Group						
serialNo	assetDetails	Field	ITEM_NUMBER	items	Field			
nodeId	assetLocationAssetList	Field	wam_node_id	items	Field			
attachedToAssetId	assetDetails	Field	wam_attached_to_ass et_id	items	Field			
maybeLeftInPlace	assetDetails	Field	wam_asset_maybeLef tInPlace	items	Field			

Oracle Utilities Work and Asset Management Response Message			Oracle Field Service Response Message			DVM Mapping/Oracle Integration Cloud Library		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Column 1	Column 2
info	assetDetails	Field	wam_asset_info	items	Field			
badgeNo	assetLocationAssetList	Field	wam_badge_number	items	Field			
validServiceHistoryTypes	assetLocationAssetList	Field	wam_asset_valid_ser vice_history_types	items	Field			
failureInformation	assetLocationAssetList	Field	wam_failure_info	items	Field			
locationInformation	assetLocationAssetList	Group						
info	locationInformation	Field	wam_asset_location_i nfo	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			
serviceArea	locationInformation	Field	wam_asset_location_ serviceArea	items	Field			
assetId	assetLocationAssetList	Field	wam_asset_id	items	Field			
description	assetDetails	Field	wam_asset_desc	items	Field			
assetType	assetDetails	Field	wam_asset_type	items	Field			

Oracle Utilities Work and Asset Management Response Message			Oracle Field Service Response Message			DVM Mapping/Oracle Integration Cloud Library		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Column 1	Column 2
			wam_asset_worked	items	Field			
serviceHistoryTypes	serviceHistoryTypes	Field	wam_service_history_types1	output	Field			
	serviceHistoryTypes	Field	wam_service_history_types2	output	Field			
	serviceHistoryTypes	Field	wam_service_history_types3	output	Field			
	serviceHistoryTypes	Field	wam_service_history_types4	output	Field			
	serviceHistoryTypes	Field	wam_service_history_types5	output	Field			
	serviceHistoryTypes	Field	wam_service_history_types6	output	Field			
	serviceHistoryTypes	Field	wam_service_history_types7	output	Field			
	serviceHistoryTypes	Field	wam_service_history_types8	output	Field			
	serviceHistoryTypes	Field	wam_service_history_types9	output	Field			
	serviceHistoryTypes	Field	wam_service_history_types10	output	Field			

Complete Activity (Oracle Field Service Initiated)

This section describes data mapping for the following:

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

Get Activity Details from Oracle Field Service

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

Oracle Field Service Activity Completed Event Request Message			Oracle Field Service 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 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	String	activityId	TemplateParameters	String			

Get Master Activity Details from Oracle Field Service

Mapping details for “GetMasterActivityInfo” activity are as shown in the table below:

Oracle Field Service Activity Details Response Message			Oracle Field Service Master Activity Info 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 Column
\$getActivityDetails		Outerm osttag	canonical_GET		Outerm osttag			
canonical_GETResponse	\$getActivityDetails							
			TemplateParameters	canonical_GET	Group			
masterActivityId	activities.definitions.get ActivitySchema	Field	activityId	TemplateParameters	Field			

Get Temporary Material Usage Details from Oracle Field Service

Mapping details for “TempMaterialUsageVar” activity are as shown in the table below:

Oracle Field Service Activity Details Request Message			TempMaterialUsageVar			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column
\$getActivityDetails		Outerm osttag						
canonical_GETResponse	\$getActivityDetails							
wam_material_usage	activities.definitions.get ActivitySchema	Field	Write		Outerm osttag			

Get File Data from Oracle Field Service

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

Oracle Field Service Get Activity Response Message			Oracle Field Service Get File Data Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column	Oracle Utilities Work and Asset Management Column
canonical_GETResponse		Outerm osttag	get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_activities_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			
Note: Map the 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 Activity Details Response Message			Oracle Utilities Work and Asset Management Completion Request			DVM Mapping		
Oracle Field Service Get File Data Response Message								
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column	Oracle Utilities Work and Asset Management Column
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			
masterActivityId	activities.definitions.getA ctivitySchema	String	mobileActivityId	input	Field			
activityId	activities.definitions.get ActivitySchema	String	mobileActivityId	input	Field			
endTime	activities.definitions.get ActivitySchema	String	completionDateTme	input	Field			
			completion	input	Group			
get_0x737063__0x736c6 8_rest_0x736c68_ofscCo re_0x736c68_v1_0x736c 68_activities_0x736c68__ 0x6c6362_activityId_0x7 26362__0x736c68__0x6c 6362_propertyLabel_0x7 26362_Response		Outerm osttag						

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

Get Attachment Data from Oracle Field Service

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

Oracle Field Service Get Activity Response Message			Oracle Field Service Get File Data Request			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service 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			
attachmentList	AL	List	TemplateParameters	get_0x737063__0x736c68_rest_0x736c68_ofscCore_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 Activity Details Response Message			Oracle Utilities Work and Asset Management Completion Request Message			DVM Mapping		
Oracle Field Service Get File Data Response Message								
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service 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						
apptNumber	activityDetails	String	activityId	input	Field			
masterActivityId	activities.definitions.getA ctivitySchema	String	mobileActivityId	input	Field			
activityId	activityDetails	String	mobileActivityId	input	Field			
canonical_GETResponse		Outerm osttag						
activities.definitions.get ActivitySchema	canonical_GETResponse	Group						
endTime	activities.definitions.get ActivitySchema	String	completionDate'Time	input	Field			
CompletionData		Outerm osttag						
XmlPayload	CompletionData							

Oracle Field Service Activity Details Response Message			Oracle Utilities Work and Asset Management Completion Request Message			DVM Mapping		
Oracle Field Service Get File Data Response Message								
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column	Oracle Utilities Work and Asset Management Column
parent	XmlPayload							
root	parent							
			completion	input	Group			
			assetLocationAssets	completion	Group			
crewName	root	String	crewName	root	String			
assetLocationAssetList	root	List	assetLocationAssetList	assetLocationAssets	List			
serviceHistories	assetLocationAssetList	Group	serviceHistories	assetLocationAssetList	Group			
serviceHistoryList	serviceHistories	List	serviceHistoryList	serviceHistories	List			
serviceHistoryCompletion	serviceHistoryList	Group	serviceHistoryCompletion	serviceHistoryList	Group			
attachments	serviceHistoryCompletion	Group	attachments	serviceHistoryCompletion	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

Oracle Field Service 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 Column	Oracle Utilities Work and Asset Management Column
			\$handleTextDecoding			WAMOFSC_ConfigProps	PropertyName = 'wam.handleTextFileDecoding'	Value

Invoke Material Usage from Oracle Field Service

Mapping details for “InvokeMaterialUsage” transformation activity are as shown in the table below:

Oracle Field Service Activity Details Response Message			Oracle Field Service Master Activity Info Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column	Oracle Utilities Work and Asset Management Column
notify_POST		Outerm osttag	W1-ActMatUsg		Outerm osttag			
\$inStoreroomMaterial Usage			input	W1-ActMatUsg	Group			
			requestDetails	input				
storeroomId	requestDetails	Field	storeroomId	requestDetails	Field			
activityId	requestDetails	Field	activityId	requestDetails	Field			
mobileActivityId	requestDetails	Field	mobileActivityId	requestDetails	Field			

Oracle Field Service Activity Details Response Message			Oracle Field Service Master Activity Info Request Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column	Oracle Utilities Work and Asset Management Column
employeeExternalId	requestDetails	Field	employeeExternalId	requestDetails	Field			
	stockItems	Field	stockItems	requestDetails	List			
stockItemDetailId	stockItems	Field	stockItemDetailId	stockItems				
masterStockItemDetailId	stockItems	Field	masterStockItemDetailId	stockItems				
assetId	stockItems	Field	assetId	stockItems				
quantity	stockItems	Field	quantity	stockItems				

Resource Usage (Oracle Utilities Field Service Initiated)

This section describes data mapping for the following:

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

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 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 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			

Oracle Field Service 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 Column
employeeExternalId	equipmentDetails	Field	employeeExternalId	resourceChargeDetails	Field			
“W1EQ”		String	resourceClass	resourceChargeDetails	Field			
resourceTypeCode	equipmentDetails	Field	resourceTypeCode	resourceChargeDetails	Field			
quantity	equipmentDetails	Field	quantity	resourceChargeDetails	Field			

Equipment Receive Request

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

Oracle Field Service Activity Receive Request Message			Oracle Field Service Activity Receive Message			DVM Mapping		
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column
execute		Outerm osttag	executeResponse		Outerm osttag			
			response-wrapper	executeResponse	Group			
			responseCode	response-wrapper	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 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 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			

Other Usage Receive Request

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

Oracle Field Service Activity Receive Request Message			Oracle Field Service Activity Receive 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 Column
execute		Outerm osttag	executeResponse		Outerm osttag			
			response-wrapper	executeResponse	Group			
			responseCode	response-wrapper	Field			

Other Receive Request

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

Oracle Field Service Activity Receive Request Message			Oracle Field Service Activity Receive 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 Column
execute		Outerm osttag	executeResponse		Outerm osttag			
			response-wrapper	executeResponse	Group			
			responseCode	response-wrapper	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 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 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 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 Column
endDateTime	timeSheetDetails	String	endDateTime	timeSheetDetails	Field	OFSCWAM_ TimeZone	TimeZone	Offset
						WAMOFSC_ ConfigProps	PropertyName = 'wam.offset'	Value
travelTime	timeSheetDetails	String	travelTime	timeSheetDetails	Field			

Send Usage Receive Request

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

Oracle Field Service Activity Receive Request Message			Oracle Field Service Activity Receive 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 Column
execute		Outerm osttag	executeResponse		Outerm osttag			
			response-wrapper	executeResponse	Group			
			responseCode	response-wrapper	Field			

Process Activity (Oracle Utilities Work and Asset Cloud Service 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 Cancel Activity](#)
- [Receive Oracle Utilities Work and Asset Management Cancel Activity Response](#)
- [Invoke Pull Update Flow Response](#)
- [Target Oracle Field Service Attachment](#)
- [Target Oracle Field Service 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 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 Column	Comments
sendDetails	W1-WOActivityActiveOut boundMsg	Outermost Tag	bulkUpdate_ POST		Outermost Tag				
			activities.definitions.customActionActivityBulkUpdateSchema	bulkUpdate_POST	Group				
			updateParameters	activities.definitions.customActionActivityBulkUpdateSchema	Group				

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service 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 Column	Comments
activity	sendDetails		identifyActivityBy	updateParameters	string				
			ifInFinalStatus Then	updateParameters	string				
			activities	activities.definitions.customActionActivityBulkUpdateSchema	Group				
			resourceId	activities	Field	WAMOF SC_ConfigProps	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				
city	locationInformation	Field	city	activities	Field				
postal	locationInformation	Field	postalCode	activities	Field				
state	locationInformation	Field	stateProvince	activities	Field				
geocodeLongitude	locationInformation	Field	longitude	activities	Field				
geocodeLatitude	locationInformation	Field	latitude	activities	Field				

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service 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 Column	Comments
windowStartDateTime	activityDetails	Field	slaWindowStart	activities	Field				
windowEndDateTime	activityDetails	Field	slaWindowEnd	activities	Field				
			timeZone	activities	Field	WAMOF SC_Conf igProps	wam.timeZoneI ANA	value	
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				
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				

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service 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 Column	Comments
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	WAMOF SC_ConfigProps.dvm	source.system	value	
equipmentGroup	activityDetails	Field	wam_equipment_group	activities	Field				
laborGroup	activityDetails	Field	wam_labor_group	activities	Field				
otherGroup	activityDetails	Field	wam_other_group	activities	Field				
storeroomGroup	activityDetails	Field	wam_storeroom_group	activities	Field				

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service 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 Column	Comments
serviceHistoryTypes	activityDetails	Field	wam_service_history_types1	activities	Field				
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				
validServiceHistoryTypes	activityDetails	Field	wam_valid_service_history_types	activities	Field				

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service 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 Column	Comments
			wam_activity_attachment_group	activities	Field				
			inventories	activities	Group				
assetLocationAssetList	assetLocationAssets	Field	items	inventories	Group				
			inventoryType	items	Field	WAMOF SC_ConfigProps	asset.inventory.type	value	
serialNo	assetDetails	Field	serialNumber	items	Field				
activityId	activity	Field	wam_activity_id	items	Field				
validMeasurementTypes	assetLocationAssets	Field	wam_valid_measurement_types	items	Field				
serialNo	assetDetails	Field	ITEM_NUMBER	items	Field				
nodeId		Field	wam_node_id	items	Field				
seq		Field	wam_asset_seq	items	Field				
attachedToAssetId	assetDetails	Field	wam_attached_to_asset_id	items	Field				
			wam_asset_installed_in_ofsc	items	Field				
			wam_asset_or_component	items	Field				

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service 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 Column	Comments
info	assetDetails	Field	wam_attached_to_asset_info	items	Field				
maybeLeftInPlace	assetDetails	Field	wam_asset_maybeLeftInPlace	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				
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				

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service 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 Column	Comments
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				

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 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 Column	Comments
bulkUpdate_POSTResponse	results	OutermostTag	OFSC_INT_WO_PA_Response		OutermostTag				
activities.definitions.customActionActivityBulkUpdateSchemaResponse	bulkUpdate_POSTResponse	Group							

Oracle Field Service 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 Column
results	activities.definitions.customActionActivityBulkUpdateSchemaResponse	Group						
activityKeys	results	Group						
	activityKeys							
			responseDetails	OFSC_INT_WO_PA Response	Group			
activityId	activityKeys	results	externalActivityId	responseDetails	field			

Invoke Oracle Field Service Cancel Activity

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

Oracle Field Service Response Message			Oracle Field Service 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 Column	Comments
OFSC_INT_WO_PA		OutermostTag	bulkUpdate_		OutermostTag				
			activities.definitions.customActionActivityBulkUpdateSchema	bulkUpdate_	Group				

Oracle Field Service Response Message			Oracle Field Service 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 Column	Comments
			updateParameters	activities.definitions.customActionActivityBulkUpdateSchema	Group				
			identifyActivityBy	updateParameters	Field				Hard code as "apptNumber"
			ifInFinalStatusThen	updateParameters	Field				Hard code as "doNothing"
			activities	activities.definitions.customActionActivityBulkUpdateSchema					
sendDetails	OFSC_INT_WO_PA	Group							
activity	sendDetails	Group							
activityId	activity	sendDetails	apptNumber	activities					
			wam_activity_cancel_reason	activities					Hard code with "0".
			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 Response Message			Oracle Utilities Work and Asset Management 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 Column	
bulkUpdate_POST Response	results	OutermostTag	OFSC_INT_WO_PAResponse						
			responseDetails	OFSC_INT_WO_PAResponse	Group				
activities.definitions.customActionActivityBulkUpdateSchemaResponse	bulkUpdate_POSTResponse	Group							
results	activities.definitions.customActionActivityBulkUpdateSchemaResponse	Group							
activityKeys	results	Group							
apptNumber	activityKeys	Field	externalActivityId	responseDetails	Field				

Invoke Pull Update Flow Response

Mapping details for “InvokePullUpdateFlow_Res” transformation activity are as shown in the table below:

Oracle Field Service InvokePullUpdateFlow Response Message			Oracle Utilities Work and Asset Management WorkActivity Response 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 Column	
POSTResponse		Outerm ostTag	OFSC_INT_W O_PAResponse		Outerm ostTag				
components.schem as.response-wrapper	POSTResponse	Group							
			responseDetails	OFSC_INT_WO _PAResponse	Group				
wamActivityId	components.schem as.response-wrapper	String	externalActivity Id	responseDetails	String				

Search Activity

Mapping details for “SearchActivity” transformation activity are as shown in the table below:

Oracle Utilities Work and Asset Management Activity Request Message			Oracle Field Service Search Activity Request Message			DVM Mapping/OIC Library			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
OFSC_INT_WO_PA		Outerm ostTag	search_GET		Outerm ostTag				

Oracle Utilities Work and Asset Management Activity Request Message			Oracle Field Service Search Activity Request Message			DVM Mapping/OIC Library			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
sendDetails	OFSC_INT_WO_PA	Group	Query Parameters	search_GET	Group				
			searchInField	QueryParameters	String				select ="apptNumber"
activityId	activity	Field	searchForValue	QueryParameters	String				
			dateFrom	QueryParameters	String	WAMOFSC _Config Props	property name ="search.dateFrom"	Value	
			dateTo	QueryParameters	String				map it to substring- before (string (fn:current-date()), "Z")
			limit	QueryParameters	Integer				set to 1

Invoke Pull Update Flow

Mapping details for “InvokePullUpdateFlow” transformation activity are as shown in the table below:

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service Request Message			DVM Mapping/OIC Library			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
OFSC_INT_WO_PA		OutermostTag	POST		OutermostTag				
			components.schemas.request-wrapper	POST	Group				
sendDetails	OFSC_INT_WO_PA								
activity	sendDetails								
activityDetails	activity								
mobileActivityId	activityDetails	String	activityId	components.schemas.request-wrapper	String				
activityId	activity	String	wamActivityId	components.schemas.request-wrapper	String				

Cancel Activity Oracle Field Service Response

Mapping details for “Cancel Activity OFSC Res” transformation activity are as shown in the table below:

Oracle Field Service Response Message			Oracle Utilities Work and Asset Management Request Message			DVM Mapping/OIC Library			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
bulkUpdate_POST Response	results	OutermostTag	Fault		OutermostTag				
activities.definition.s.customActionActivityBulkUpdateSchemaResponse	bulkUpdate_POST Response	Group							
results	activities.definition.s.customActionActivityBulkUpdateSchemaResponse	Group							
operationsPerformed	results	Field							
operationsFailed	results	Field							
			ResponseStatus	Fault	Field				Hard code with "N". only if \$PerformedCount='0' and \$FailedCount='0'
			ResponseCode	Fault	Field				Hard code as "CANCELED_CODE"
errors	results	Field							

Oracle Field Service Response Message			Oracle Utilities Work and Asset Management Request Message			DVM Mapping/OIC Library			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
errorDetail	errors	Field	ResponseText	Fault	Field				\$invokeOFSCcancelActivity/nsmpr0:bulkUpdate_POSTResponse/nsmpr0:activities.definitions.customActionActivityBulkUpdateSchemaResponse/ns47:results/ns38:errors/ns31:errorDetail
			\$FailedCount	Fault					
			\$PerformedCount	Fault					

Create/ Update Activity from Oracle Field Service Response

Mapping details for “CreateUpdate Activity OFSC Res” transformation activity are as shown in the table below:

Oracle Field Service Response Message			Oracle Utilities Work and Asset Management Request Message			DVM Mapping/OIC Library			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
bulkUpdate_POST Response	results	OutermostTag	Fault		OutermostTag				

Oracle Field Service Response Message			Oracle Utilities Work and Asset Management Request Message			DVM Mapping/OIC Library			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
activities.definition.s.customActionActivityBulkUpdateSchemaResponse	bulkUpdate_POST Response	Group							
results	activities.definition.s.customActionActivityBulkUpdateSchemaResponse	Group							
operationsPerformed	results	Field							
operationsFailed	results	Field							
			ResponseStatus	Fault	Field				Hard code with "N". only if \$PerformedCount='0' and \$FailedCount='0'
			ResponseCode	Fault	Field				Hard code as "RESPONSE CODE"
errors	results	Field							

Oracle Field Service Response Message			Oracle Utilities Work and Asset Management Request Message			DVM Mapping/OIC Library			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
errorDetail	errors	Field	ResponseText	Fault	Field				\$invokeOFSCAddActivity/ nsmpr0:bulkUpdate _POSTResponse/ nsmpr0:activities.de finitions.customAct ionActivityBulkUp dateSchemaRespon se/ns22:results/ ns22:errors/ ns22:errorDetail
			\$FailedCount	Fault					
			\$Performed Count	Fault					

Cancel Activity from Oracle Field Service Fault Response

Mapping details for “Cancel Activity OFSC Fault Res” transformation activity are as shown in the table below:

Oracle Field Service Response Message			Oracle Utilities Work and Asset Management Request Message			DVM Mapping/OIC Library			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
					Fault				Outerm ostTag

Oracle Field Service Response Message			Oracle Utilities Work and Asset Management Request Message			DVM Mapping/OIC Library		Comments	
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column		Oracle Field Service Column
			ResponseCode	Fault	Field				Insert text as RESPONSE CODE
			ResponseText	Fault	Field				Insert text as The Activity is not found in OFS, Please check if the activity is existing in OFS before cancelling the activity.

Cancel Activity API Fault Handler

Mapping details for “Cancel ActivityAPI_FaultHandler” transformation activity are as shown in the table below:

Current Fault Object Response Message			Oracle Utilities Work and Asset Management Response Message			DVM Mapping/OIC Library	Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type		
APIInvocation Error		Outermost-Tag	Fault		Outermost Tag		
			ResponseCode	Fault	Field		Insert text as RESPONSE CODE

Current Fault Object Response Message			Oracle Utilities Work and Asset Management Response Message			DVM Mapping/OIC Library	Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type		
			ResponseText	Fault	Field		When \$CurrentFaultObject/nsmpr0:APIInvocationError/nsmpr0:errorDetails/nsmpr0:errorCode=400 and contains(\$CurrentFaultObject/nsmpr0:APIInvocationError/nsmpr0:errorDetails,'Action on past date') is true then insert text as Action on past date is not allowed
			ResponseText	Fault	Field		Else, contains(\$CurrentFaultObject/nsmpr0:APIInvocationError/nsmpr0:errorDetails,'Activity with this status') is true insert text as Activity with this status cannot execute this action

Cancel ActivityGen Fault Handler

Mapping details for “Cancel ActivityGen_FaultHandler” transformation activity are as shown in the table below:

Oracle Field Service Search Activity Response Message			Oracle Utilities Work and Asset Management Cancel Activity Request Message			DVM Mapping/OIC Library			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
search_GETResponse		OutermostTag	Execute		OutermostTag				
activities.definition.s.activities	search_GETResponse	Group							
items	activities.definition.s.activities	List	Template Parameters	Execute	Group				
activityId	items	integer	activityId	Execute	String				

Target Oracle Field Service 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	Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type		
attachmentList		Outermost Tag	REST Adapter Headers		Outermost Tag		REST Adapter Headers: put_0x737063_0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_activities_0x736c68_0x6c6362_activityId_0x726362_0x736c68_0x6c6362_propertyLabel_0x726362_
bulkUpdate_ POSTResponse		Outermost Tag					
			HTTPHeaders	REST Adapter Headers			
			StandardHTTP Headers	HTTPHeaders			
attachmentFile Name	attachmentList	Field	Content-Disposition	StandardHTTP Headers			concat ("attachment; filename=", \$AttachmentList/ns1:attachmentList/ns1:attachmentFileName)
			Template Parameters	REST Adapter Headers			
activities.definition.customAction ActivityBulkUpdateSchema Response	bulkUpdate_ POSTResponse	Group					
results	activities.definition.customAction ActivityBulkUpdateSchema Response	Group					
activityKeys	results	Group					

Oracle Utilities Work and Asset Management Request Message			REST Request Message			DVM Mapping/OIC Library	Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type		
activityId	activityKeys	Field	activityId	Template Parameters	Field		Map the OFS response Activity element :\$invokeOFSCAddActivity/nsmpr1:bulkUpdate_POSTResponse/nsmpr1:activities.definitions.customActionActivityBulkUpdateSchemaResponse/ns25:results/ns25:activityKeys/ns25:activityId
			propertyLabel	Template Parameters	Field		concat ("wam_attachment_", \$LoopCounter) where loop counter values ranges from 1 to 10.
attachmentData	attachmentList	activityDetails	streamReference	Template Parameters	Field		Encode the data into base64 using OIC function : oraext:decodeBase64ToReference. when dvm:lookupValue (tenant/resources/dvms/WAMOFSC_ConfigProps,PropertyName, wam.handleTextFileDecoding,Value, wam.handleTextFileDecoding.error) and ((\$AttachmentList/ns1:attachmentList/ns1:bo ==""F1-Text"")) or (\$AttachmentList/ns1:attachmentList/ns1:bo ==""F1-DecRp"")), otherwise dont encode.

Target Oracle Field Service 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		Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column
laborList		OutermostTag	update_PATCH		OutermostTag			

Oracle Utilities Work and Asset Management Request Message			REST Request Message			DVM Mapping/OIC Library			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
bulkUpdate_POSTResponse		OutermostTag							
			Template Parameters	update_PATCH	Group				
activities.definitions.customActionActivityBulkUpdateSchemaResponse	bulkUpdate_POSTResponse	Group							
results	activities.definitions.customActionActivityBulkUpdateSchemaResponse	Group							
activityId	activityKeys	Field	activityId	Template Parameters	Field				
			activities.definitions.updateActivitySchema	update_PATCH	Group				
			\$elemName						concat('W_', \$LaborList/nsmpr0:laborList/nsmpr0:craftCode, '_Nd')
\$LaborList									
laborList	\$LaborList								

Oracle Utilities Work and Asset Management Request Message			REST Request Message			DVM Mapping/OIC Library			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
craftCode	laborList								
quantity	laborList								

Activity Pull Update (Oracle Field Service Initiated)

This section describes data mapping for the following:

- [Get Activity Details Request](#)
- [Get Activity Details Response](#)
- [Get Inventories from Oracle Field Service](#)
- [Get Deinstalled Inventories from Oracle Field Service](#)
- [Update Oracle Field Service Activity m3](#)
- [Update Oracle Field Service Activity](#)
- [Get Activity Update from Oracle Utilities Work and Asset Management](#)

Get Activity Details Request

Mapping details for Get Activity Details Request activity are as shown in the table below.

Oracle Field Service Request Message			Oracle Field Service 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 Column	Comments
execute		Outerm osttag	canonical_GET		Outermost tag				
request-wrapper	execute	Group	Template Parameters	canonical_GET	Group				
activityId	request-wrapper	String	activityId	input	String				

Get Activity Details Response

Mapping details for Get Activity Details Response activity are as shown in the table below.

Oracle Field Service Response Message			Oracle Utilities Work and Asset Management Get Activity 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 Column
\$GetActivityDetailsFrom OFSC			W1- WOActivityDetails					
canonical_GETResponse	\$GetActivityDetailsFrom OFSC		W1- WOActivityDetails	W1- WOActivityDetails		Group		
activities.definitions.get ActivitySchema	canonical_GETResponse		input	W1- WOActivityDetails				
apptNumber	activities.definitions.get ActivitySchema		activityId	input		String		

Get Inventories from Oracle Field Service

Mapping details for GetInventoriesFromOFSC activity are as shown in the table below.

Oracle Utilities Work and Asset Management Get Activity Details Request Message			Oracle Field Service Get Inventories 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 Column
execute		Outermosttag	get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_activities_0x736c68__0x6c6362_activityId_0x726362__0x736c68_installedInventories		Outermosttag			
request-wrapper	execute		TemplateParameters	get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_activities_0x736c68__0x6c6362_activityId_0x726362__0x736c68_installedInventories	Group			
activityId	request-wrapper	Field	activityId	TemplateParameters	Field			

Get Deinstalled Inventories from Oracle Field Service

Mapping details for GetDeinstalledInventoryOFSC activity are as shown in the table below.

Oracle Utilities Work and Asset Management Get Activity Details Request Message			Oracle Field Service Get Deinstalled Inventories 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 Column
execute		Outermosttag	get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_activities_0x736c68__0x6c6362_activityId_0x726362__0x736c68_installedInventories		Outermosttag			
request-wrapper	execute		TemplateParameters	get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_activities_0x736c68__0x6c6362_activityId_0x726362__0x736c68_installedInventories	Group			
activityId	request-wrapper	Field	activityId	TemplateParameters	Field			

Update Oracle Field Service Activity m3

Mapping details for UpdateOFSCActivity m3 activity are as shown in the table below.

Get Activity Details from Oracle Utilities Work and Asset Management Response Message			Update Oracle Field Service Request Message			DVM Mapping	Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type		
			bulkUpdate_POST		Outermosttag		
\$newSHTypesList			activities.definitions.cus tomActionActivityBulk UpdateSchema	bulkUpdate_POST	Group		
\$newList			activities	activities.definitions.cus tomActionActivityBulk UpdateSchema	String		Templates appliedto \$newList: mode="copy-no-ns" select="\$newSHTypesList"
\$xml			wam_service_history_t ypes	activities	String		Hard coded to "(\$newList)"

Update Oracle Field Service Activity

Mapping details for Update Oracle Field Service Activity are as shown in the table below.

Get Activity Details from Oracle Utilities Work and Asset Management Response			Update Oracle Field Service Request Message			DVM Mapping		Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	
	W1- WOActivityDetails Response	Outerm osttag	bulkUpdate_ POST		Outerm osttag			

Get Activity Details from Oracle Utilities Work and Asset Management Response			Update Oracle Field Service 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 Column	
W1-WOActivity Details	W1-WOActivityDetails Response		activities.definition.s.customActionActivityBulkUpdateSchema	bulkUpdate_POST	Group				
output	W1-WOActivityDetails		updateParameters	activities.definitions.customActionActivityBulkUpdateSchema	String				
activity	output		identifyActivityBy	updateParameters	String				Hard coded the value to "activityId"
			ifInFinalStatus Then	updateParameters	String				Hard coded the value to "doNothing"
			inventoryPropertiesUpdateMode	updateParameters	String				Hard coded the value to "keepProperties"
			activities	activities.definitions.customActionActivityBulkUpdateSchema					
activityId	activityDetails	Field	apptNumber	activities	Field				
activityType	activityDetails	Field	activityType	activities	String	WAMOFSC_ActivityType	activityType	OFSC_ActType	

Get Activity Details from Oracle Utilities Work and Asset Management Response			Update Oracle Field Service 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 Column	Comments
nodeId	location Information	Field	wam_activity_node_id	activities	Field				
address1,address2, address3,address4	location	Field	streetAddress	activities	Field				concat(address1,address2,address3,address4)
city	location	Field	city	activities	Field				
postal	location	Field	postalCode	activities	Field				
state	location	Field	stateProvince	activities	Field				
			timeZone	activities	String	WAMOFSC_ConfigProps	wam.timeZone IANA	wam.timeZone IANA.error	
geocode Longitude	location Information	Field	longitude	activities	Field				
geocode Latitude	location Information	Field	latitude	activities	Field				
windowStartDate Time	activityDetails	Field	slaWindowStart	activities	Field				if windowStartDateTime value exists only, then translate tpo string and substring to 0 to 20 map it
windowEndDate Time	activityDetails	Field	slaWindowEnd	activities	Field				if windowEndDateTime value exists only then translate tpo string and substring to 0 to 20 map it

Get Activity Details from Oracle Utilities Work and Asset Management Response			Update Oracle Field Service 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 Column	Comments
info	activityDetails	Field	wam_work_activity_info	activities	Field				
description	workorderdetails	Field	wam_work_order_desc	activities	Field				
emergency	activityDetails	Field	wam_emergency_indicator	activities	Field				If the value of emergency is "W1NO" then Hard Code the value to "No" If the value of emergency is "W1YS" then Hard Code the value to "Yes"
		Field	wam_activity_location_info	activities	Field				Hard Code the value to "Yes"
totalPriority	activityDetails	Field	wam_total_priority	activities	Field				
requiredByDate	activityDetails	Field	wam_required_by_date	activities	Field				If value exists, map it.
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				

Get Activity Details from Oracle Utilities Work and Asset Management Response			Update Oracle Field Service 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 Column	
workOrder Number	workorderdetails	Field	wam_work_order_number	activities	Field				
info	assetDetails	Field	wam_activity_asset_info	activities	Field				
		Field	common_utilities_product_code	activities	String	WAMOFSC_ConfigProps	source.system	source.system.error	
equipmentGroup	activityDetails	Field	wam_equipment_group	activities	Field				
laborGroup	activityDetails	Field	wam_labor_group	activities	Field				
otherGroup	activityDetails	Field	wam_other_group	activities	Field				
storeroomGroup	activityDetails	Field	wam_storeroom_group	activities	Field				
\$sht_node/sht_text[1]		Field	wam_service_history_types1	activities	Field				
\$sht_node/sht_text[2]		Field	wam_service_history_types2	activities	Field				
\$sht_node/sht_text[3]		Field	wam_service_history_types3	activities	Field				
\$sht_node/sht_text[4]		Field	wam_service_history_types4	activities	Field				
\$sht_node/sht_text[5]		Field	wam_service_history_types5	activities	Field				

Get Activity Details from Oracle Utilities Work and Asset Management Response			Update Oracle Field Service 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 Column	Comments
\$sht_node/sht_text[6]		Field	wam_service_history_types6	activities	Field				
\$sht_node/sht_text[7]		Field	wam_service_history_types7	activities	Field				
\$sht_node/sht_text[8]		Field	wam_service_history_types8	activities	Field				
\$sht_node/sht_text[9]		Field	wam_service_history_types9	activities	Field				
\$sht_node/sht_text[10]		Field	wam_service_history_types10	activities	Field				
validServiceHistoryTypes	activityDetails	Field	wam_valid_service_history_types	activities	Field				
activityId	request-wrapper	Field	activityId	activities	Field				
assetLocationAssetList	assetLocationAssets	Field	items	inventories	Field				For each value of assetLocationAssetList
		Field	inventoryType	items	String	WAMOFSC_ConfigProps	asset.inventory.type	asset.inventory.type.error	
assetId	assetLocationAssetList	Field	serialNumber	items	Field				When assetId exists then map to assetId, else map to nodeId
nodeId	assetLocationAssetList	Field			Field				When assetId exists then map to assetId, else map to nodeId

Get Activity Details from Oracle Utilities Work and Asset Management Response			Update Oracle Field Service 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 Column	Comments
activityId	activity	Field	wam_activity_id	items	Field				
validMeasurementTypes	assetLocationAssetList	Field	wam_valid_measurement_types	items	Field				
serialNo	assetLocationAssetList	Field	ITEM_NUMBER	items	Field				
nodeId	assetLocationAssetList	Field	wam_node_id	items	Field				
seq	assetLocationAssetList	Field	wam_asset_seq	items	Field				
attachedToAssetId	assetLocationAssetList/assetDetails	Field	wam_attached_to_asset_id	items	Field				Hard coded to "NO"
	assetLocationAssetList	Field	wam_asset_installed_in_ofsc	items	Field				When isComponent='W1YS' then set to 'C', else set it to 'A'
isComponent	assetLocationAssetList/assetDetails	Field	wam_asset_or_component	items	Field				
assetList	otherAssetsAtLocation	Field	wam_other_assets	items	Field				
isAssetLocation	locationInformation	Field	wam_is_asset_location	items	Field				
info	assetDetails	Field	wam_attached_to_asset_info	items	Field				

Get Activity Details from Oracle Utilities Work and Asset Management Response			Update Oracle Field Service 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 Column	Comments
maybeLeftInPlace	assetLocationAssetList/assetDetails	Field	wam_asset_maybeLeftInPlace	items	Field				
info	assetDetails	Field	wam_asset_info	items	Field				
badgeNo	assetDetails	Field	wam_badge_number	items	Field				
failureInformation	failureInformation	Field	wam_failure_info	items	Field				
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				If runToFailure value exists only then map the value
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				

Get Activity Details from Oracle Utilities Work and Asset Management Response			Update Oracle Field Service 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 Column	Comments
assetId		Field	wam_asset_id	items	Field				
description	assetDetails	Field	wam_asset_desc	items	Field				
assetType	assetDetails	Field	wam_asset_type	items	Field				
		Field	wam_asset_worked	items	Field				Hard code the value to "1"

Get Activity Update from Oracle Utilities Work and Asset Management

The mapping details for Get Activity Update activity are as shown in the table below.

Oracle Field Service Request Message			Oracle Field Service Response Message			DVM Mapping			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	Comments
execute		Outerm osttag	executeResponse		Outerm osttag				
			response-wrapper	executeResponse	Group				
activityId	request-wrapper	Field	activityId	response-wrapper	Field				
wamActivityId	request-wrapper	Field	wamActivityId	response-wrapper	Field				

Oracle Field Service Request Message			Oracle Field Service Response Message			DVM Mapping			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	Comments
\$responseStatus			status	response-wrapper	String				Hardcode value to ""
\$errorTex		Field	errorText	response-wrapper	String				

Route Activation (Oracle Field Service Initiated)

This section describes data mapping for the following:

- [Get User Details](#)
- [Get All Resource Types](#)
- [Get Resource Details](#)
- [Check Team Resource Request](#)
- [Get Resource Information For Each Item](#)
- [Invoke Sync Flow](#)

Get User Details

Mapping details for Get User Details activity are as shown in the table below.

Oracle Field Service Request Message			Oracle Field Service Get User 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 Column	Comments
notify_POST		Outerm osttag	get_0x737063__0 x736c68_rest_0x7 36c68_ofscCore_ 0x736c68_v1_0x7 36c68_users_0x7 36c68__0x6c6362 _login_0x726362 -		Outermost tag				

Oracle Field Service Request Message			Oracle Field Service Get User 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 Column	Comments
events.definitions.routeEvent	notify_POST	Group	Template Parameters	get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_users_0x736c68_0x6c6362_login_0x726362_	Group				
user	events.definitions.routeEvent	Field	login	Template Parameters	Field				

Get All Resource Types

Mapping details for Get All Resource Types activity are as shown in the table below.

Oracle Field Service Request Message			Oracle Field Service Get All Resource Types 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 Column	Comments
		Outermosttag	execute		Outermosttag				

Get Resource Details

Mapping details for Get Resource Details activity are as shown in the table below.

Oracle Field Service Request Message			Oracle Field Service Get Resource 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 Column	Comments
notify_POST		Outermosttag	canonical_GET		Outermosttag				
nssrcmpr:events.definitions.routeEvent	notify_POST	Group	Template Parameters	canonical_GET	Group				
routeDetails	nssrcmpr:events.definitions.routeEvent	Group							
resourceId	routeDetails	String	resourceId	input	String				

Check Team Resource Request

Mapping details for Check Team Resource Request activity are as shown in the table below.

Oracle Field Service Request Message			Oracle Field Service Check Resource 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 Column	Comments
			get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_activities		Outermosttag				

Oracle Field Service Request Message			Oracle Field Service Check Resource 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 Column	Comments
			QueryParameters	get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_activities	Group				
			resources	input	Field	WAMOF SC_ConfigProps	ofsc.bucket	ofsc.bucket.error	
\$tracking_var_1			q	input	String				value set to ("teamResourceId == "\$tracking_var_1")
			dateFrom	input	String				xsd:date (xp20:format-dateTime (fn:current-dateTime(), "[Y0001]-[M01]-[D01]"))
			dateTo	input	String				xsd:date (xp20:format-dateTime (fn:current-dateTime(), "[Y0001]-[M01]-[D01]"))

Oracle Field Service Request Message			Oracle Field Service Check Resource 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 Column	Comments
\$resourceId			fields	input	Field				
			includeNonScheduled	input	String				Hard Coded to "false"

Get Resource Information For Each Item

Mapping details for Get Resource Information for Each Item are as shown in the table below.

Oracle Field Service Request Message			Oracle Field Service Get Resource 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 Column	Comments
\$responseItem		Outermost tag	canonical_GET		Outermost tag				
items	\$responseItem	Group	Template Parameters	canonical_GET	Group				
resourceId	items	Field	resourceId	input	Field				

Invoke Sync Flow

Mapping details for Invoke Sync Flow are as shown in the table below.

Oracle Field Service Request Message			Oracle Field Service Get Resource 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 Column	Comments
					POST				Outermost tag
			components.schemas.request-wrapper	POST	Group				
\$resourceIdInForEach		String	resourceId	input	Field				
\$resourceTypeInForEach		String	resourceType	input	Field				
			lastSyncDateTime	input	String				

Schedule Storeroom Sync (Oracle Field Service Initiated)

This section describes data mapping for the following:

- [Get Resources From Oracle Field Service](#)
- [Invoke Individual Store Room Sync](#)

Get Resources From Oracle Field Service

Mapping details for Get Resources From Oracle Field Service activity are as shown in the table below.

Oracle Field Service Get Resources Request Message			Oracle Field Service Get Resources 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 Column	Comments
			get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_resources_0x736c68__0x6c66362_resourceId_0x726362__0x736c68_descendants		Outermost tag				
		Template Parameters		get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_resources_0x736c68__0x6c66362_resourceId_0x726362__0x736c68_descendants	Group				

Oracle Field Service Get Resources Request Message			Oracle Field Service Get Resources 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 Column	Comments
			resourceId	input	String	WAMOF SC_Conf igProps	ofsc.bucket	ofsc.bucket.error	

Invoke Individual Store Room Sync

Mapping details for Invoke Individual Store Room Sync activity are as shown in the table below.

Oracle Field Service Get Resources Request Message			Oracle Field Service Get Resources 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 Column	Comments
execute		Outermost tag	POST		Outermost tag				
request-wrapper			components.schemas.request-wrapper	POST	Group				
resourceId	items	Field	resourceId	components.schemas.request-wrapper	Field				
resourceType	items	Field	resourceType	components.schemas.request-wrapper	Field				When assetId exists then hardcode to 'StockAsset' or by default hardcode to 'StockItem'

Oracle Field Service Get Resources Request Message			Oracle Field Service Get Resources 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 Column	Comments
			lastSyncDateTime	components.schem as.request-wrapper	String				Set the default value to ""

Storeroom Admin Sync (Oracle Field Service Initiated)

This section describes data mapping for the following:

- [Oracle Field Service Resource List](#)
- [Update Oracle Field Service Resource As Inactive](#)
- [Update Oracle Field Service Resource](#)
- [Create Resources in Oracle Field Service](#)

Oracle Field Service Resource List

Mapping details for Oracle Field Service Resource List activity are as shown in the table below.

Oracle Field Service Get Resources Request Message			Oracle Field Service Get Resources 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 Column	Comments
			get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_resources_0x736c68__0x6c6362_resourceId_0x726362__0x736c68_descendants		Outermost tag				

Oracle Field Service Get Resources Request Message			Oracle Field Service Get Resources 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 Column	Comments
			Template Parameters	get_0x737063_0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_resources_0x736c68_0x6c6362_resourceId_0x726362_0x736c68_descendants	Group				
			resourceId	input	String	WAMOF SC_ConfigProps	ofsc.bucket	ofsc.bucket.error	

Update Oracle Field Service Resource As Inactive

Mapping details for Update Oracle Field Service Resources As Inactive activity are as shown in the table below.

Oracle Field Service Get Resources Request Message			Oracle Field Service Get Resources 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 Column	Comments
execute		Outermosttag	template		Outermost tag				
request-wrapper	execute	Group	update_PATCH						

Oracle Field Service Get Resources Request Message			Oracle Field Service Get Resources 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 Column	Comments
			Template Parameters	update_PATCH					
resourceId	items	String	resourceId	TemplateParameters					
resourceId	items		resourceId	resources.definitions.resource	Field				
			status		String				set default value to "inactive"

Update Oracle Field Service Resource

Mapping details for Update Oracle Field Service Resources activity are as shown in the table below.

Oracle Field Service Get Resources Request Message			Oracle Field Service Get Resources 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 Column	Comments
execute			template		Outermost tag				
request-wrapper	execute		update_PATCH	template	Group				
			Template Parameters	update_PATCH					
storeroomId	mobileStoreroom	String	resourceId	TemplateParameters	Field				

Oracle Field Service Get Resources Request Message			Oracle Field Service Get Resources 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 Column	Comments
storeroomId	mobileStoreroom	String	resourceId	resources.definitions.resource	Field				
			status	resources.definitions.resource	Field				set default value to 'active'
			resourceType	resources.definitions.resource	String	WAMOF SC_ConfigProps	mobileStoreroom.resource.type	mobileStoreroom.resource.type.error	
description	mobileStoreroom	String	name	resources.definitions.resource	Field				
address1	location	String	wam_resource_address	resources.definitions.resource	Field				concat all the address fields together
address2	location	String	wam_resource_address	resources.definitions.resource	Field				concat all the address fields together
address3	location	String	wam_resource_address	resources.definitions.resource	Field				concat all the address fields together
address4	location	String	wam_resource_address	resources.definitions.resource	Field				concat all the address fields together

Create Resources in Oracle Field Service

Mapping details for Create Resources in Oracle Field Service activity are as shown in the table below.

Oracle Field Service Request Message			Oracle Field Service Create 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 Column	Comments
execute		Outermosttag	template		Outermost tag				
request-wrapper	execute	Group	replace_PUT	template					
			TemplateParameters	replace_PUT					
resourceId	mobileStoreroom	String	resourceId	TemplateParameters	Field				
storeroomId	mobileStoreroom	String	resourceId	resources.definitions.resource	String				
			organization		String	WAMOF SC_ConfigProps	mobileStoreroom.organization	mobileStoreroom.organization.error	
			status		String				set default value to 'active'
			parentResourceId		String	WAMOF SC_ConfigProps	ofsc.bucket	ofsc.bucket.error	
			resourceType		String	WAMOF SC_ConfigProps	mobileStoreroom.resource.type	mobileStoreroom.resource.type.error	
description	mobileStoreroom	Field	name		Field				

Oracle Field Service Request Message			Oracle Field Service Create 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 Column	Comments
			language		String	WAMOFSC_ConfigProps	mobileStoreroom.language.default	mobileStoreroom.language.default.error	
			timeZone		String	WAMOFSC_ConfigProps	mobileStoreroom.timeZone.default	mobileStoreroom.timeZone.default.error	
address1		Field	wam_resource_address		Field				Use the user defined function WAMOFSC_ConcatAddress and contact the address
address2		Field	wam_resource_address		Field				Use the user defined function WAMOFSC_ConcatAddress and contact the address
address3		Field	wam_resource_address		Field				Use the user defined function WAMOFSC_ConcatAddress and contact the address
address4		Field	wam_resource_address		Field				Use the user defined function WAMOFSC_ConcatAddress and contact the address

Oracle Field Service Request Message			Oracle Field Service Create 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 Column	Comments
			wam_resource_source		String	WAMOF SC_Conf igProps	mobileStoreroom.resource_source	mobileStoreroom.resource_source.error	

Storeroom Sync (Oracle Field Service Initiated)

This section describes data mapping for the following:

- [Get Storeroom Inventory From Oracle Utilities Work and Asset Cloud Service](#)
- [Resource Inventory Bulk](#)
- [Get Resource Inventory](#)
- [Bulk Update Inventory](#)
- [Update Resource Last Sync Date and Time](#)
- [Sync Storeroom](#)

Get Storeroom Inventory From Oracle Utilities Work and Asset Cloud Service

Mapping details for Get Storeroom Inventory From Oracle Utilities Work and Asset Cloud Service activity are as shown in the table below.

Oracle Field Service Get Inventory Request Message			Oracle Utilities Work and Asset Cloud Get Inventory 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 Column	Comments
execute		Outerm osttag	W1- MobileStoreroom Inventory		Outermost tag				
request-wrapper	execute	Group	W1- MobileStoreroom Inventory	W1- MobileStoreroomIn ventory	Group				
resourceId	request-wrapper	Field	storeroomId	input	Field				
lastSyncDate'ime	request-wrapper	Field	transferDate'ime	input	Field				

Resource Inventory Bulk

Mapping details for Resource Inventory Bulk activity are as shown in the table below.

Oracle Field Service Get Inventory Request Message			Oracle Utilities Work and Asset Cloud Get Inventory 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 Column	Comments
execute		Outerm osttag	execute		Outermost tag				
request-wrapper			request-wrapper	execute	Group				
			resources	request-wrapper					
resourceId	request-wrapper		resourceId	input	Field				
assetId	inventory	Field	inventoryType	inventories	Field				When assetId exists then hardcode to 'StockAsset' or by default hardcode to 'StockItem'
stockItemDetailId	inventory	Field	wam_material_id	inventories	Field				When assetId exists then concat (stockItemDetailId, assetId) or by default hardcode to 'stockItemDetailId'
assetId	inventory	Field	wam_material_id	inventories	Field				
stockItemDetailId	inventory	Field	wam_material_stockItemDetailId	inventories	Field				
lotId	inventory	Field	wam_material_lotId	inventories	Field				

Oracle Field Service Get Inventory Request Message			Oracle Utilities Work and Asset Cloud Get Inventory 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 Column	Comments
stockCode	inventory	Field	wam_material_stockCode	inventories	Field				if stockCode value exists only then map it
masterStockItemDetailId	inventory	Field	wam_material_masterStockItemDetailId	inventories	Field				
stockItemId	inventory	Field	wam_material_stockItemId	inventories	Field				
stockItemCategory	inventory	Field	wam_material_stockItemCategory	inventories	Field				if stockItemCategory value exists only then map it
stockItemDetailInfo	inventory	Field	wam_material_stockItemDetailInfo	inventories	Field				
quantity	inventory	Field	quantity	inventories	Field				
validServiceHistoryTypes	assetInformation	Field	wam_asset_valid_service_history_types	inventories	Field				if validServiceHistoryTypes value exists then map it
validMeasurementTypes	assetInformation	Field	wam_valid_measurement_types	inventories	Field				
assetId	inventory	Field	wam_asset_id	inventories	Field				
badgeNumber	inventory	Field	wam_badge_number	inventories	Field				

Oracle Field Service Get Inventory Request Message			Oracle Utilities Work and Asset Cloud Get Inventory 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 Column	Comments
stockItemInfo	inventory	Field	wam_material_stockItemInfo	inventories	Field				
uom	inventory	Field	wam_material_uom	inventories	Field				if uom value exists only then map else the node doesn't exist
isComponent	inventory	Field	wam_material_isComponent	inventories	Field				

Get Resource Inventory

Mapping details for Get Resource Inventory activity are as shown in the table below.

Oracle Field Service Get Inventory Request Message			Oracle Utilities Work and Asset Cloud Get Inventory 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 Column	Comments
execute		Outerm osttag	execute		Outermost tag				
request-wrapper	execute	Group	request-wrapper						
			resources						
resourceId	request-wrapper	Field	resourceId	resources	Field				

Bulk Update Inventory

Mapping details for Bulk Update Inventory activity are as shown in the table below.

Oracle Utilities Work and Asset Cloud Inventory Details Response Message			Oracle Field Service Get Inventory Bulk 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 Column	Comments
execute			execute		Outermost tag				
request-wrapper	execute		request-wrapper	execute	Group				
			resources	request-wrapper					
resourceId	request-wrapper	Field	resourceId	resources	Field				
assetId	inventory	Field	inventoryType	inventories	Field				
stockItemDetailId	inventory	Field	wam_material_id	inventories	Field				
assetId	inventory	Field	wam_material_id	inventories	Field				
stockItemDetailId	inventory	Field	wam_material_stockItemDetailId	inventories	Field				
lotId	inventory	Field	wam_material_lotId	inventories	Field				
stockCode	inventory	Field	wam_material_stockCode	inventories	Field				
masterStockItemDetailId	inventory	Field	wam_material_masterStockItemDetailId	inventories	Field				
stockItemId	inventory	Field	wam_material_stockItemId	inventories	Field				

Oracle Utilities Work and Asset Cloud Inventory Details Response Message			Oracle Field Service Get Inventory Bulk 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 Column	Comments
stockItemCategory	inventory	Field	wam_material_stockItemCategory	inventories	Field				
stockItemDetailInfo	inventory	Field	wam_material_stockItemDetailInfo	inventories	Field				
quantity	inventory	Field	quantity	inventories	Field				
validServiceHistoryTypes	assetInformation	Field	wam_asset_valid_service_history_types	inventories	Field				
validMeasurementTypes	assetInformation	Field	wam_valid_measurement_types	inventories	Field				
assetId	inventory	Field	wam_asset_id	inventories	Field				
badgeNumber	inventory	Field	wam_badge_number	inventories	Field				
stockItemInfo	inventory	Field	wam_material_stockItemInfo	inventories	Field				
uom	inventory	Field	wam_material_uom	inventories	Field				
isComponent	inventory	Field	wam_material_isComponent	inventories	Field				

Update Resource Last Sync Date and Time

Mapping details for Update Resource Last Sync Date and Time activity are as shown in the table below.

Oracle Field Service Get Inventory Request Message			Oracle Utilities Work and Asset Cloud Get Inventory 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 Column	Comments
execute		Outermost tag	update_PATCH		Outermost tag				
request-wrapper	execute	Group	Template Parameters	update_PATCH					
resourceId	request-wrapper	Field	resourceId	Template Parameters	Field				
resourceId	request-wrapper	Field	resourceId	resources.definition.s.resource	Field				
			wam_resource_lastUpdateDttm		String				

Sync Storeroom

Mapping details for Sync Storeroom activity are as shown in the table below.

Oracle Field Service Request Message			Oracle Utilities Work and Asset Cloud Update 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 Column	Comments
execute		Outerm osttag	executeResponse		Outermost tag				
request-wrapper	execute	Group	response-wrapper	executeResponse					
resourceId	request-wrapper	Field	resourceId	response-wrapper	Field				
resourceType	request-wrapper	Field	resourceType	response-wrapper	Field				
lastSyncDateTime	request-wrapper	Field	lastSyncDateTime	response-wrapper	Field				
			status	response-wrapper	String				Hard code value to "Success"

Interim Status (Oracle Field Service Initiated)

This section describes data mapping for the following:

- [Get Activity Details](#)
- [Update Interim Status](#)

Get Activity Details

Mapping details for Get Activity Details activity are as shown in the table below.

Oracle Field Service Request Message			Oracle Utilities Work and Asset Cloud getActivityDetails 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 Column	Comments
notify_POST		Outerm osttag	canonical_GET		Outermost tag				
activityDetails	events.definitions. activityEvent		Template Parameters	canonical_GET	Group				
activityId	activityDetails	Outerm osttag	activityId	input	String				

Update Interim Status

Mapping details for Update Interim Status activity are as shown in the table below.

Oracle Field Service Update Interim Request Message			Oracle Utilities Work and Asset Cloud Update Interim Message			DVM Mapping			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	Comments
notify_POST		Outermost tag	W1-ActStaUpd		Outermost tag				
events.definitions.activityEvent	notify_POST	Group	input	W1-ActStaUpd	Group				
activityDetails	events.definitions.activityEvent	Group							
apptNumber	activityDetails	string	activityId	input	String				
activityChanges	activityEvent	string	currentStatus	input	String	WAMOF SC_ActivityStatus	PropertyName = "OFSC_ActStatus", "WAM_Previous ActStatus"	Value = "status"	
activityChanges	activityEvent	string	newStatus	input	String	WAMOF SC_ActivityStatus	PropertyName = "OFSC_ActStatus", "WAM_ActStatus"	Value = "status"	

Work Order (Oracle Field Service Initiated)

This section describes data mapping for the following:

- [Get Inventory Details](#)
- [Create Work Order](#)

Get Inventory Details

Mapping details for Get Inventory Details activity are as shown in the table below.

Oracle Field Service Request Message			Oracle Utilities Work and Asset Management GetInventoryDetails 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 Column	Comments
notify_POST		Outerm osttag	Template Parameters		Outermost tag				
events.definitions. activityEvent	notify_POST								
activityDetails	events.definitions. activityEvent								
activityId	activityDetails		activityId	Template Parameters	String				

Create Work Order

Mapping details for Create Work Order activity are as shown in the table below.

Oracle Field Service Create Work Order Request Message			Oracle Utilities Work and Asset Management Create Work Order 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 Column	Comments
notify_POST		Outermosttag	W1-CreMobWo		Outermosttag				
events.definitions.activityEvent	notify_POST	Group	input	W1-CreMobWo	Group				
activityDetails	events.definitions.activityEvent	Group	newActivityDetails	input					
activityId	activityDetails	string	mobileActivityId	newActivityDetails	String				
			activityId	newActivityDetails	String				
wam_pickup_related_appt_number	activityChanges	string	followUpActivityId	newActivityDetails	String				
\$GetInventoryDetails									
get_0x737063__0x736c68_rest_0x736c68_of_scCore_0x736c68_v1_0x736c68_activities_0x736c68__0x6c6362_activityId_0x726362__0x736c68_customerInventoriesResponse	\$GetInventoryDetails								

Oracle Field Service Create Work Order Request Message			Oracle Utilities Work and Asset Management Create Work Order 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 Column	Comments
RESSCHNAME24	get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_activities_0x736c68__0x6c6362_activityId_0x726362__0x736c68_customersInventoriesResponse								
items	RESSCHNAME24								
wam_node_id	items	string	nodeId	newActivityDetails	String				
wam_asset_id	items	string	assetId	newActivityDetails	String				
activityChanges	events.definitions.activityEvent								
wam_activity_desc	activityChanges	string	description	newActivityDetails	String				
wam_activity_long_desc	activityChanges	string	longDescription	newActivityDetails	String				
wam_required_by_date	activityChanges	string	requiredByDate	newActivityDetails	String				
wam_work_priority	activityChanges	string	workPriority	newActivityDetails	String				
wam_pickup_emergency	activityChanges	string	emergency	newActivityDetails	String				
activityType	activityChanges	string	activityType	newActivityDetails	String				
wam_work_class	activityChanges	string	workClass	newActivityDetails	String				

Oracle Field Service Create Work Order Request Message			Oracle Utilities Work and Asset Management Create Work Order 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 Column	Comments
wam_work_category	activityChanges	string	workCategory	newActivityDetails	String				
wam_work_type	activityChanges	string	workType	newActivityDetails	String				
wam_pickup_work_it	activityChanges	string	workIt	newActivityDetails	String				
\$userIdVar			requestor	newActivityDetails	String				

Work Request (Oracle Field Service Initiated)

This section describes data mapping for the following:

- [Create Work Request](#)

Create Work Request

Mapping details for Create Work Request activity are as shown in the table below.

Oracle Field Service Create Work Request Request Message			Oracle Utilities Work and Asset Management Create Work Request 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 Column	Comments
notify_POST		Outermosttag	W1-CreMoblWR		Outermosttag				
events.definitions.requestEvent	notify_POST	Group	input	W1-CreMoblWR	Group				
requestChanges	events.definitions.requestEvent	Group							
wam_pickup_related_appt_number1	requestChanges	String	followUpActivityId	input	String				
wam_pickup_asset_node_id1	requestChanges	String	nodeId	input	String				
wam_pickup_asset_id1	requestChanges	String	assetId	input	String				
wam_pickup_activity_desc1	requestChanges	String	description	input	String				

Oracle Field Service Create Work Request Request Message			Oracle Utilities Work and Asset Management Create Work Request 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 Column	Comments
wam_pickup_activity_long_desc1	requestChanges	String	longDescription	input	String				
wam_pickup_required_by_date1	requestChanges	String	requiredByDate	input	String				
wam_pickup_downtimeDateTime1	requestChanges	String	downTimeStart	input	String				
wam_pickup_work_priority1	requestChanges	String	workPriority	input	String				
wam_pickup_work_class1	requestChanges	String	workClass	input	String				
wam_pickup_work_category1	requestChanges	String	workCategory	input	String				
\$userIDVar		String	requestor	input	String				