

**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 <https://www.oracle.com/in/corporate/accessibility/>.

Access to Oracle Support

Oracle customers have access to electronic support for the hearing impaired. Visit: <https://support.oracle.com/portal/> or <https://www.oracle.com/corporate/accessibility/learning-support.html#support-tab>.

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](#)
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- [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](#)
- [Set Material UOM to Oracle Field Service](#)
- [Set Service Category to Oracle Field Service](#)
- [Set Work Class to Oracle Field Service](#)
- [Set Oracle Field Service Activity Types](#)

- Set Activity Types PSH
- Replace Oracle Field Service Work Skill Equipment
- Replace Oracle Field Service Work Skill per Skill
- Set Work Skill Condition Value

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	Comments
			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	Comments
\$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 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	Comments
output	W1-ExtMbCnDa	Group							
controlDataEntities	output	Group							
entity	controlDataEntities	List	items	request-wrapper	List				Only if mo = "CHAR TYPE" and charType = "W1-D'TRSN"
code	entity	string	label	items	string				
\$ActiveFlag_Default		Outerm osttag	active	items	boolean	WAMOFSC_C onfigProps	PropertyName = "activeFlag.def ault"	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	Comments
\$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				Only if mo = "F1-EXT LKUP" and bo = "W1-MsrmtNumericGaugeReason"
code	entity	string	label	items	string				If not set to "ZZDNU"
\$ActiveFlag_Default		Outerm osttag	active	items	boolean	WAMOFSC_ConfigProps	PropertyName = "activeFlag.default"	Value = "true"	
			translations	items	List				
description	entity		name	translations	string				If not set to "Do Not Use"

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	Comments
\$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	Comments
\$Get_MobileControl Data		Outerm osttag	execute		Outerm osttag				
W1-ExtMbCnDaResponse	\$Get_MobileControl Data	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 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	Comments
entity	controlDataEntities	List	items	request-wrapper	List				Only if mo = "F1-EXT LKUP" and bo = "W1-MsrmtNumeric MeterReason"
code	entity	string	label	items	string				If label does not satisfy entity condition, set to "ZZZDNU"
\$ActiveFlag_Default	\$ActiveFlag_Default		active	items	boolean	WAMOFSC_C onfigProps	PropertyName = "activeFlag.default"	Value = "true"	
			translations	items	List				
description	description	entity	name	translations	string				If name does not satisfy entity condition, set to "Do Not Use"
\$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	Comments
\$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				Only if mo "W1- CREWSHIFTY"
code	entity	string	label	items	string				
\$ActiveFlag_Default		Outerm osttag	active	items	boolean	WAMOFSC_C onfigProps	PropertyName = "activeFlag.def ault"	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	Comments
\$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				Only if mo = 'W1-OVRTIMTYP'
code	entity	string	label	items	string				
\$ActiveFlag_Default		Outerm osttag	active	items	boolean	WAMOFSC_C onfigProps	PropertyName = "activeFlag.def ault"	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	Comments
\$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				Only if mo = 'W1-LBRERNTYP'
code	entity	string	label	items	string				
\$ActiveFlag_Default		Outerm osttag	active	items	boolean	WAMOFSC_C onfigProps	PropertyName = "activeFlag.default"	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	Comments
\$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				Only if mo = 'W1-RESRCUOM'
code	entity	string	label	items	string				
\$ActiveFlag_Default		Outerm osttag	active	items	boolean	WAMOFSC_C onfigProps	PropertyName = "activeFlag.def ault"	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	Comments
\$Get_MobileControlData		Outerm ostag	execute		Outerm ostag				
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				Only if mo = "W1-NODETYPE"
code	entity	string	label	items	string				
\$ActiveFlag_Default		Outerm ostag	active	items	boolean	WAMOFSC_ConfigProps	PropertyName = "activeFlag.default"	Value = "true"	
			translations	items	List				
description	entity		name	translations	string				
\$Language		Outerm ostag	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	Comments
\$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				Only if lookupField = "WORK_PRIORITY_FLG"
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				

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	Comments
\$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				Only if lookupField = "WORK_PRIORITY_FLG"
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				

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	Comments
\$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				If mo = "W1-WORKCAT"
code	entity	string	label	items	string				
\$ActiveFlag_Default		Outerm osttag	active	items	boolean	WAMOFSC_C onfigProps	PropertyName = "activeFlag.def ault"	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	Comments
\$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				Only if resourceClass = 'W1EQ'
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								
\$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	Comments
\$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				Only if resourceClass = 'W1OT'
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				concat(description,' ',resourceUOM)
resourceUOM	resourceTypeList								
\$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	Comments
\$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				Only if resourceClass = 'W1CR'
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				concat(description,' ',resourceUOM)
resourceUOM	resourceTypeList								
\$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	Comments
			W1-ExtMbCnDa		Outermosttag				
input	W1-ExtMbActT								
language	translations	string				WAMOFSC_Language	OFSC_Language	ENG	
externalSystem	translations	string				WAMOFSC_ActivityTypeConfigProps	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	Comments
\$activityType	Outermosttag		execute		Outermosttag				
activityTypeList			TemplateParameters		Group				
activityType	activityTypeList	String	activityType	TemplateParameters	String				
			request-wrapper		Group				
\$ActiveFlag_Default			active	request-wrapper	String				
			groupLabel	request-wrapper	String	WAMOFSC_ActivityTypeConfigProps	PropertyName	all-day	

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	Comments
			features	request-wrapper	Group				
			isTeamworkAvailable	features	String	WAMOFSC_ActivityTypeConfigProps	features.isTeamworkAvailable	FALSE	
			isSegmentingEnabled	features	String	WAMOFSC_SegmentedActivityTypes	ActivityType	FALSE	if \$activityType/nsmpr4:activityTypeList/nsmpr4:activityType value is available in 'WAMOFSC_SegmentedActivityTypes' dvm then value set to false else by default true
			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	

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	Comments
			supportOfWorkZones	features	String	WAMOFSC_ActivityTypeConfigProps	features.supportOfWorkZones	TRUE	
			supportOfWorkSkills	features	String	WAMOFSC_ActivityTypeConfigProps	features.supportOfTimeSlots	TRUE	
			supportOfTimeSlots	features	String	WAMOFSC_ActivityTypeConfigProps	features.supportOfTimeSlots	TRUE	
			supportOfInventory	features	String	WAMOFSC_ActivityTypeConfigProps	features.supportOfInventory	TRUE	
			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	If \$activityType/nsmpr4:activityTypeList/nsmpr4:activityType value is available in 'WAMOFSC_SegmentedActivityTypes' dvm then value set to true else by default false

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	Comments
			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	When \$activityType/nsmpr4:activityTypeList/nsmpr4:activityType = 'false' then set the value from dvm else by default set to 'false'
			enableDayBeforeTrigger	features	String	WAMOFSC_ActivityTypeConfigProps	features.enableDayBeforeTrigger	TRUE	
			enableReminderAndChangeTriggers	features	String	WAMOFSC_ActivityTypeConfigProps	features.enableReminderAndChangeTriggers	TRUE	
			enableNotStartedTrigger	features	String	WAMOFSC_ActivityTypeConfigProps	features.enableNotStartedTrigger	TRUE	
			enableSwWarningTrigger	features	String	WAMOFSC_ActivityTypeConfigProps	features.enableSwWarningTrigger	TRUE	
			calculateDeliveryWindow	features	String	WAMOFSC_ActivityTypeConfigProps	features.calculateDeliveryWindow	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	Comments
			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	request-wrapper	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	
			suspended	colors	String	WAMOFSC_ActivityTypeConfigProps	colors.suspended	FFDE01	
			cancelled	colors	String	WAMOFSC_ActivityTypeConfigProps	colors.cancelled	FFDE01	
			notdone	colors	String	WAMOFSC_ActivityTypeConfigProps	colors.notdone	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	Comments
			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		
			segmentMaxDuration	request-wrapper	String	WAMOFSC_ActivityTypeConfigProps	segmentMaxDuration		
			defaultDuration	request-wrapper	String	WAMOFSC_ActivityTypeConfigProps	duration		
			translations		Group				
\$Language	activityTypeList	String	language	translations	String				
description	activityTypeList	String	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	Comments
			execute		Outerm osttag				
			TemplateParameters	execute	Group				
\$Var_WorkSkill		Outerm osttag	label	TemplateParameters	string				
			request-wrapper	execute	Group				
\$ActiveFlag_Default		Outerm osttag	active	items	boolean	WAMOFSC_C onfigProps	PropertyName = "activeFlag.def ault"	Value = "true"	
\$WorkSkill_Sharing_Default		Outerm osttag	sharing	request-wrapper	string	WAMOFSC_C onfigProps	PropertyName = "workSkill.shar ing.default"	Value = "summary"	
			translations	request-wrapper	List				
\$Var_WorkSkillDescr		Outerm osttag	name	translations	string				
\$Language		Outerm osttag	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	Comments
			execute		Outerm osttag				
			TemplateParameters	execute	Group				
\$Var_WorkSkill		Outerm osttag	label	TemplateParameters	string				label = concat (\$Var_WorkSkill, "_Nd")
			request-wrapper	execute	Group				
\$WorkSkillProperty_Type_Default		Outerm osttag	type	request-wrapper	string	WAMOFSC_ConfigProps	PropertyName = "workSkillProperty.type.default"	Value = "string"	
\$WorkSkillProperty_Entity_Default		Outerm osttag	entity	request-wrapper	string	WAMOFSC_ConfigProps	PropertyName = "workSkillProperty.entity.default"	Value = "activity"	
\$WorkSkillProperty_Gui_Default		Outerm osttag	gui	request-wrapper	string	WAMOFSC_ConfigProps	PropertyName = "workSkillProperty.gui.default"	Value = "text"	
			translations	request-wrapper	List				

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	Comments
\$Var_WorkSkillDescr		Outerm osttag	name	translations	string				name = concat (\$Var_WorkSkill
\$WorkSkillProperty_NameSuffix_Default		Outerm osttag				WAMOFSC_ConfigProps	PropertyName = "workSkillProperty.nameSuffix.default"	Value = "needed"	Descr, \$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	Comments
XmlPayload		Outerm osttag	execute		Outerm osttag				XmlPayload = parseXML(\$Var_NewWSConditionsColl)
			request-wrapper	execute	Group				
items	response-wrapper	List	items	request-wrapper	List				starts-with (label, "W";) != true()

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	Comments
			internalId	items	Field				select="position 0"
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				select="."
value	conditions	Field	value	conditions	Field				

Set Material UOM to Oracle Field Service

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

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Update Material 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	Comments
\$Get_MobileControl Data		Outerm ostag	execute		Outerm ostag				

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Update Material 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	Comments
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				Only if mo = 'W1-RESRCUOM'
code	entity	string	label	items	string				
\$ActiveFlag_Default		Outerm osttag	active	items	boolean	WAMOFSC_C onfigProps	PropertyName = "activeFlag.def ault"	Value = "true"	
			translations	items	List				
description	entity		name	translations	string				
\$Language		Outerm osttag	language	translations	string				

Set Service Category to Oracle Field Service

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

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service 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	Comments
\$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				Only if mo = "LOOKUP" and lookupField = "STOCK_CAT_FLG"
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				

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service 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	Comments
\$Language		Outerm osttag	language		translations	string			

Set Work Class to Oracle Field Service

Mapping details regarding “Map to PutWorkClass” 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 Class 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	Comments
\$Get_MobileControl Data		Outerm osttag	execute			Outerm osttag			
W1-ExtMbCnDaResponse	\$Get_MobileControl Data	Group	request-wrapper	execute		Group			
W1-ExtMbCnDa	W1-ExtMbCnDaResponse	Group							
output	W1-ExtMbCnDa	Group							
workClass	output	Group							
workClassList	workClass	List	items	request-wrapper		List			
workClass	output	String	label	items		string			

Oracle Utilities Work and Asset Management Get Mobile Control Data Response Message			Oracle Field Service Work Class 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	Comments
\$ActiveFlag_Default		Outerm osttag	active	items	boolean	WAMOFSC_ConfigProps	PropertyName = "activeFlag.default"	Value = "true"	
			translations	items	List				
description	workClassList		name	translations	string				concat(description,' ',\$categories)
\$Language		Outerm osttag	language	translations	string				
workCategory	workCategoryList								Only if workCategoryList exists
select="."			\$categories						Otherwise for each work category if position() > 1, select = "."

Set Oracle Field Service Activity Types

Mapping details regarding “Map to GetOFSCActivityTypes” 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	PropertyName	DefaultValue	Comments
			execute		Outerm osttag				
			TemplateParameters	execute	Group				
			label	TemplateParameters	Field	WAMOFSC_A ctivityTypeCon figProps	groupLabel	Value=WAM_ OFSC,default= True	

Set Activity Types PSH

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

Oracle Utilities Work and Asset Management Activity Type Var			Oracle Field Service Request Message			DVM Mapping			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	PropertyName	DefaultValue	Comments
\$activityType					Outerm osttag				
activityTypeList	\$activityType	Group							
			request-wrapper	execute	Group				
			items	request-wrapper	Group				
activityType	activityTypeList	string	label	items	string				
\$ActiveFlag_Default			active	items	boolean				
			translations	items	Group				
\$Language			language	translations	string				

Oracle Utilities Work and Asset Management Activity Type Var			Oracle Field Service Request Message			DVM Mapping			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	PropertyName	DefaultValue	Comments
plannedServiceHistory	activityTypeList	Group	name	translations	string				Get content as string

Replace Oracle Field Service Work Skill Equipment

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

Get Oracle Field Service Work Skill Equipment			Oracle Field Service Work Skill 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	Comments
XmlPayload		Outerm osttag	execute		Outerm osttag				XmlPayload = parseXML(\$Var_NewWSConditionsColl)
			request-wrapper	execute	Group				
			items	request-wrapper	List				
			internalId	items	Field				select="\$Counter_WSConditionInternalId"
			label	items	Field				select="\$Var_EqWorkSkill"
			requiredLevel	items	Field				select="\$Counter_WSConditionPerEquipment"

Get Oracle Field Service Work Skill Equipment			Oracle Field Service Work Skill 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	Comments
			preferableLevel	items	Field				select="\$Counter_WSConditionPerEquipment"
			conditions	items	List				
			label	conditions	Field				select="\$Var_EqWorkSkillProperty"
			function	conditions	Field				select="\$WSCondition_Function_Default"
			valueList	conditions	List				
			value	conditions	Field				select="\$Counter_WSConditionPerEquipment"

Replace Oracle Field Service Work Skill per Skill

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

Get Oracle Field Service Work Skill			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	Comments
XmlPayload		Outerm osttag	execute		Outerm osttag				XmlPayload = parseXML(\$Var_NewWSConditionsColl)
			request-wrapper	execute	Group				
			items	request-wrapper	List				
			internalId	items	Field				select="\$Counter_WSConditionInternalId"
			label	items	Field				select="\$Var_WorkSkill"
			requiredLevel	items	Field				select="\$Counter_WSConditionPerSkill"
			preferableLevel	items	Field				select="\$Counter_WSConditionPerSkill"
			conditions	items	List				
			label	conditions	Field				"\$Var_WorkSkillProperty"
			function	conditions	Field				select="\$WSCo ndition_Functio n_Default"
			valueList	conditions	List				

Get Oracle Field Service Work Skill			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	Comments
			value	conditions	Field				select="\$Counter_WSConditionPerSkill"

Set Work Skill Condition Value

Mapping details regarding “Map to Assign Work Skill Condition Val” transformation activity are as shown in the table below:

Activity Name	Variable Name	Expression for Value	Property	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	Comments
CreateMaxWSConditionPerSkill	CreateMaxWSConditionPerSkill	number(\$Counter_WSConditionPerSkill) <= number(\$WSCondition_SameSkillMaxWorker_Default)	WSCondition_SameSkillMaxWorker_Default	WAMOFSC_ConfigProps	PropertyName = "workSkillConditionSameSkillMaxWorker.default"	Value = "1"	

Activity Name	Variable Name	Expression for Value	Property	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	Comments
AssignWSConditionRecord	Var_NewWSConditionsColl	concat(\$Var_NewWSConditionsColl, "<items><internalId>", \$Counter_WSConditionInternalId, "</internalId><label>", \$Var_WorkSkill, "</label><requiredLevel>", \$Counter_WSConditionPerSkill, "</requiredLevel><preferableLevel>", \$Counter_WSConditionPerSkill, "</preferableLevel><conditions><label>", \$Var_WorkSkillProperty, "</label><function>", \$WSCondition_Function_Default, "</function><valueList>", \$Counter_WSConditionPerSkill, "</valueList></conditions></items>")	WSCondition_Function_Default	WAMOFSC_ConfigProps	PropertyName = "workSkillCondition.default"	Value = "in"	

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	Comments
execute		OutermostTag	response-wrapper		OutermostTag				
			output	response-wrapper	Group				
			errorText	output	Field				Hardcoded as "Activity Id, Node Id, Badge Id cannot be empty"

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	Comments
request-wrapper		OutermostTag	W1GAstDtIBNo		OutermostTag				
			input	W1GAstDtIBNo	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	Comments
request-wrapper		OutermostTag	W1-AssetQuery		OutermostTag				

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	Comments
			input	W1-AssetQuery	Group				
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	Comments
W1-AssetQueryResponse		OutermostTag	response-wrapper		OutermostTag				
W1-AssetQuery	W1-AssetQueryResponse	Group							
output	W1-AssetQuery	Group	output	response-wrapper	Group				

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	Comments
assets	output	Group							
assetList	assets	List	assetList	Outermosttag	List				
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	Comments
execute		OutermostTag	W1-GetAstDtl		OutermostTag				
			assetLocationAssets	W1-GetAstDtl	Group				
			assetLocationAssetsList	assetLocationAssets	List				
request-wrapper	execute	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	Comments
assetId	request-wrapper		nodeId	assetLocationAsset List	List				Asset Query Details pickup Tracking Variable
nodeid	request-wrapper		assetId	assetLocationAsset List	Field				Asset Query Details pickup Tracking Variable

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	Comments
W1-GetAstDtlResponse		OutermostTag	response-wrapper		OutermostTag				
W1-GetAstDtl	W1-GetAstDtlResponse	Group							
assetLocationAssets	W1-GetAstDtl	Group							
assetLocationAssetList	assetLocationAssets	List							
			output	response-wrapper	Group				
			inventories	output	Group				
			items	inventories	Group				

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	Comments
			inventoryType	items	Field	WAMOFSC_ConfigProps	asset.inventory.type	Value	
assetId	assetLocationAssetList	Field	serialNumber	items	Field				
validMeasurementTypes	assetLocationAssetList	Field	wam_valid_measurement_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_asset_id	items	Field				
maybeLeftInPlace	assetDetails	Field	wam_asset_maybeLeftInPlace	items	Field				
info	assetDetails	Field	wam_asset_info	items	Field				
badgeNo	assetLocationAssetList	Field	wam_badge_number	items	Field				
validServiceHistoryTypes	assetLocationAssetList	Field	wam_asset_valid_service_history_types	items	Field				
failureInformation	assetLocationAssetList	Field	wam_failure_info	items	Field				
locationInformation	assetLocationAssetList	Group							
info	locationInformation	Field	wam_asset_location_info	items	Field				
building	locationInformation	Field	wam_asset_location_building	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	Comments
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				
			wam_asset_worked	items	Field				Hardcode with "1"

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	Comments
serviceHistoryTypes	serviceHistoryTypes	Field	wam_service_history_types1	output	Field				The mapping will be based on the Size of the input payload if the input payload is larger than 62KB the data which is larger than 62KB will be distributed other elements.
	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				

Asset Query by Request

Mapping details for Asset Query by 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	Comments
request-wrapper		OutermostTag	W1GAstDtIBNo		OutermostTag				
			input	W1GAstDtIBNo	Group				
activityId	request-wrapper	Field	activityId	input	Field				If activityId !="
mobileActivityId	request-wrapper		mobileActivityId	input	Field				If mobileActivityId !="
badgeNo	request-wrapper	Field	badgeNo	input	Field				
nodeId	request-wrapper	Field	nodeId	input	Field				
attachedToAssetId	request-wrapper	Field	attachedToAssetId	input	Field				
mobileStoreroomId	request-wrapper	Field	mobileStoreroomId	input	Field				

Complete Activity (Oracle Field Service Initiated)

This section describes data mapping for the following:

- [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 Completion Data to Oracle Utilities Work and Asset Management](#)
- [Invoke Material Usage from Oracle Field Service](#)
- [Set Oracle Field Service Activity Completed Event](#)
- [Get Attachment File Data from Oracle Field Service](#)
- [Get Activity Details Response from Oracle Field Service](#)

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	Comments
\$getActivityDetails		Outer mosttag	canonical_GET		Outer mosttag				
canonical_GETResponse	\$getActivityDetails		TemplateParameters	canonical_GET	Group				
masterActivityId	activities.definitions.getActivitySchema	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	Comments
\$getActivityDetails		Outer mosttag							
canonical_GETResponse	\$getActivityDetails								
wam_material_usage	activities.definitions.getActivitySchema	Field	Write		Outer mosttag				Parse using oraext:parseXML

Get File Data from Oracle Field Service

Mapping details for “Map to GetFileDataFromOFSC” 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	Comments
canonical_GETResponse		Outermosttag	get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_activities_0x736c68__0x6c6362_activityId_0x726362__0x736c68__0x6c6362_propertyLabel_0x726362_		Outermosttag				
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				

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	Comments
<p>Note: Map the property label as 'wam_activity_consolidated_inventories' text.</p>			propertyLabel	TemplateParameters	String				

Send Activity Completion Data to Oracle Utilities Work and Asset Management

Mapping details for “Map to OFSCActDtlsResp2WAMCmpltReq” 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	Comments
canonical_GETResponse		Outermosttag	W1-MblActCom		Outermosttag				
activities.definitions.getActivitySchema	canonical_GETResponse	Group	input	W1-MblActCom	Group				
apptNumber	activities.definitions.getActivitySchema	String	activityId	input	Field				

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	Comments
masterActivityId	activities.definitions.getActivitySchema	String	mobileActivityId	input	Field				If "masterActivityId" exists in input request map it else by default set to "activityId"
activityId	activities.definitions.getActivitySchema	String							
endTime	activities.definitions.getActivitySchema	String	completionDateTime	input	Field				
			completion	input	Group				
get_0x737063__0x736c68_rest_0x736c68_of_scCore_0x736c68_v1_0x736c68_activities_0x736c68__0x6c6362_activityId_0x726362_0x736c68__0x6c6362_propertyLabel_0x726362_Response		Outer mosttag							

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	Comments
streamReference	get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_activities_0x736c68__0x6c6362_activityId_0x726362__0x736c68__0x6c6362_propertyLabel_0x726362_Response	Group	assetLocationAssets	completions	Group				decodeBase64(streamReference)

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	Comments
notify_POST		Outer mosttag	W1-ActMatUsg		Outer mosttag				
\$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				
employeeExternalId	requestDetails	Field	employeeExternalId	requestDetails	Field				
	stockItems	Field	stockItems	requestDetails	List				Repeat loop for every stockItems from the request
stockItemDetailId	stockItems	Field	stockItemDetailId	stockItems					

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	Comments
masterStockItemDetailId	stockItems	Field	masterStockItemDetailId	stockItems					Map only if masterStockItemDetailId exists in the request
assetId	stockItems	Field	assetId	stockItems					Map only if assetId exists in the request
quantity	stockItems	Field	quantity	stockItems					

Set Oracle Field Service Activity Completed Event

Mapping details for “OFSCActCompEvt2GetActDtls” transformation activity are as shown in the table below:

Oracle Field Service Completed Event Request Message			Oracle Field Service 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	Comments
notify_POST		Outer mosttag	canonical_GET		Outer mosttag				
events.definitions.activityEvent	notify_POST	Group	TemplateParameters	canonical_GET	Group				

Oracle Field Service Completed Event Request Message			Oracle Field Service 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	Comments
activityDetails	events.definitions.activityEvent	Group							
activityId	activityDetails	String	activityId	TemplateParameters	String				

Get Attachment File Data from Oracle Field Service

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

Oracle Field Service 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	Comments
AL		Outermosttag	get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_activities_0x736c68__0x6c6362_activityId_0x726362__0x736c68__0x6c6362_propertyLabel_0x726362_		Outermosttag				

Oracle Field Service 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	Comments
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				concat wam_upload_attachment_,wamUploadFileNumber
inventoryId	attachmentList	Field	inventoryId	TemplateParameters	String				

Get Activity Details Response from Oracle Field Service

Mapping details for “Map to OFSCResp2WAMResp” activity are as shown in the table below:

Oracle Field Service Activity Details Response Message			Oracle Utilities Work and Asset Management 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 Utilities Work and Asset Management Column	Oracle Field Service Column	Comments
notify_POST		Outermosttag	canonical_GET		Outermosttag				
events.definitions.activityEvent	notify_POST	Group	TemplateParameters	canonical_GET	Group				
activityDetails	events.definitions.activityEvent	Group							
masterActivityId	activities.definitions.getActivitySchema	String	mobileActivityId	input	Field				If "masterActivityId" exists in input request map it else by default set to "activityId"
activityId	activityDetails	String							
activityId	activityDetails	String	activityId	TemplateParameters	String				
canonical_GETResponse		Outermosttag							
activities.definitions.getActivitySchema	canonical_GETResponse	Group							

Oracle Field Service Activity Details Response Message			Oracle Utilities Work and Asset Management 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 Utilities Work and Asset Management Column	Oracle Field Service Column	Comments
endTime	activities.definitions.getActivitySchema	String	completionDateTime	input	Field				
CompletionData		Outermosttag							
XmlPayload	CompletionData								
parent	XmlPayload								
root	parent								
			completion	input	Group				
			assetLocationAssets	completion	Group				
crewName	root	String	crewName	input	String				Only if crewName exists
assetLocationAssetList	root	List	assetLocationAssetList	assetLocationAssets	List				
serviceHistories	assetLocationAssetList	Group	serviceHistories	assetLocationAssetList	Group				
serviceHistoryList	serviceHistories	List	serviceHistoryList	serviceHistories	List				
serviceHistoryCompletion	serviceHistoryList	Group	serviceHistoryCompletion	serviceHistoryList	Group				

Oracle Field Service Activity Details Response Message			Oracle Utilities Work and Asset Management 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 Utilities Work and Asset Management Column	Oracle Field Service Column	Comments
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	When \$handleTextDecoding = 'true' and (\$attachmentbo = 'text/plain' or \$attachmentbo = 'text/html' then decode it base64, otherwise no decoding needed
			\$handleTextDecoding			WAMOFSC_ConfigProps	PropertyName = 'wam.handleTextFileDecoding'	Value	

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	Comments
execute		Outerm osttag	W1-IntODCDtl		Outerm osttag				
request-wrapper	execute								
request	request-wrapper								
xmlPayload	request								parseEscapedXML of request is xmlPayload
equipmentDetails	xmlPayload	Group							
			input	W1-IntODCDtl	Group				
			resourceChargeDetails	input	Group				

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	Comments
date	equipmentDetails	Field	chargeDate	resourceChargeDetails	Field				
activityId	equipmentDetails	Field	activityId	resourceChargeDetails	Field				Map only if \$XmlPayload/equipmentDetails/activityId does not contain '-'
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	Comments
execute		Outerm osttag	executeResponse		Outerm osttag				
			response-wrapper	executeResponse	Group				

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	Comments
			responseCode	response-wrapper	Field				Hardcoded as "200"

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	Comments
execute		Outerm osttag	W1-IntODCDtl		Outerm osttag				
request-wrapper	execute								
request	request-wrapper								
xmlPayload	request								parseEscapedXML of request is xmlPayload
otherDetails	xmlPayload	Group							
			input	W1-IntODCDtl	Group				
			resourceChargeDetails	input	Group				
date	otherDetails	Field	chargeDate	resourceChargeDetails	Field				

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	Comments
activityId	otherDetails	Field	activityId	resourceChargeDetails	Field				Map only If \$XmlPayload/otherDetails/activityId does not contain '-'
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	Comments
execute		Outerm ostag	executeResponse		Outerm ostag				
			response-wrapper	executeResponse	Group				
			responseCode	response-wrapper	Field				Hardcoded as "200"

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	Comments
execute		Outerm ostag	executeResponse		Outerm ostag				
			response-wrapper	executeResponse	Group				
			responseCode	response-wrapper	Field				Hardcoded as "400"

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	Comments
execute		Outerm ostag	W1-IntTMSDtl		Outerm ostag				
request-wrapper	execute								
request	request-wrapper								
xmlPayload	request								parseEscapedXML of request is xmlPayload

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	Comments
			input	W1-IntTMSDtl	Group				
timeSheetDetails	xmlPayload	Field	timeSheetDetails	input	Group				
date	timeSheetDetails	Field	date	timeSheetDetails	Field				
activityId	timeSheetDetails	Field	activityId	timeSheetDetails	Field				Map only if \$XmlPayload/timeSheetDetails/activityId does not contain '-'
mobileActivityId	timeSheetDetails	Field	mobileActivityId	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				
endDateTime	timeSheetDetails	String	endDateTime	timeSheetDetails	Field				

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	Comments
travelTime	timeSheetDetails	String	travelTime	timeSheetDetails	Field				Using colon as delimiter, extracts the hour (HH), and minute (MM) values. The total travelTimeMinutes is calculated by concatenating HH*60+MM

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	Comments
execute		Outerm osttag	executeResponse		Outerm osttag				
			response-wrapper	executeResponse	Group				
			responseCode	response-wrapper	Field				Hardcoded as "200"

Process Activity (Oracle Utilities Work and Asset Cloud Service Initiated)

This section describes data mapping for the following:

- [Invoke Pull Update Flow Response](#)
- [Search Activity](#)
- [Invoke Pull Update Flow](#)
- [Cancel Activity Oracle Field Service Response](#)
- [JEROME NEWCreate/Update Activity from Oracle Field Service Response](#)
- [JEROME NEWCancel Activity from Oracle Field Service Fault Response](#)
- [JEROME NEWCancel Activity API Fault Handler](#)
- [Cancel ActivityGen Fault Handler](#)
- [Create/Update Activity Request](#)
- [Create/Update Activity Response](#)
- [Cancel Activity](#)
- [Attachment Mappings](#)
- [Oracle Field Service Labor Mappings](#)

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				

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	
components.schemas.response-wrapper	POSTResponse	Group							
			responseDetails	OFSC_INT_WO_PAResponse	Group				
wamActivityId	components.schemas.response-wrapper	String	externalActivityId	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		OutermostTag	search_GET		OutermostTag				
sendDetails	OFSC_INT_WO_PA	Group	QueryParameters	search_GET	Group				
			searchInField	QueryParameters	String				Select="apptNumber"

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	
activityId	activity	Field	searchForValue	QueryParameters	String				
			dateFrom	QueryParameters	String	WAMOFSC _ConfigPro ps	property name ="search.dateFrom"	Value	
			dateTo	QueryParameters	String				Map 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		Outerm ostTag	POST		Outerm ostTag				
			components.sche mas.request- wrapper	POST	Group				

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	
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				

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 "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_POSTResponse	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					
			\$PerformedCount	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 “RESPONSECODE”
			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:

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	
APIInvocationError		OutermostTag			OutermostTag				
			ResponseCode	Fault	Field				Insert text as “RESPONSECODE”

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	
			ResponseText	Fault	Field				<p>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.”</p> <hr/> <p>Otherwise contains(\$CurrentFaultObject/ nsmpr0:APIInvocationError/ nsmpr0:errorDetails,'Activity with this status') is true insert text as “Activity with this status cannot execute this action.”</p>

Cancel ActivityGen Fault Handler

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

CancelScope Fault Object Response Message			Oracle Utilities Work and Asset Management Response Message			DVM Mapping/OIC Library			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	Comments
fault		Outerm ostTag	Fault		Outerm ostTag				
			ResponseStatus	Fault					Hard code as "N"
errorCode	fault	String	ResponseCode	Fault	Field				
details	fault	Field	ResponseText	Fault	Field				

Create/Update Activity Request

Mapping details for “Create_update_act_req” 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			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Property Name	Value	Comments
sendDetails	W1- WOActivityActive OutboundMsg	Outerm ostTag	bulkUpdate_PO ST		Outerm ostTag				
			activities.definit ions.customActio nActivityBulkUp dateSchema	bulkUpdate_POS T	Group				

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service Request Message			DVM Mapping/OIC Library			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Property Name	Value	Comments
			updateParameters	activities.definitions.customActionActivityBulkUpdateSchema	Group				
activity	sendDetails		identifyActivityBy	updateParameters	string				Hard code with "activityId" when mobileactivityId!=''; otherwise with "apptNumber"
			ifInFinalStatusThen	updateParameters	string				Hard code with "doNothing"
			inventoryPropertiesUpdateMode	updateParameters	string				Hard code with "keepPropertie" Only applicable when OFSC_INT_WO_PA.sendDetails.action = 'W1UP'
			activities	activities.definitions.customActionActivityBulkUpdateSchema	Group				

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service Request Message			DVM Mapping/OIC Library			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Property Name	Value	Comments
serviceArea	locationInformation	string	resourceId	activities	Field	WAMOFSC_ServiceArea	Service_Area	Bucket_Name	Only applicable when OFSC_INT_WO_PA.sendDetails.action != 'W1UP' and when OFSC_INT_WO_PA.sendDetails.activityDetails.locationInformation.serviceArea!=''
						WAMOFSC_ConfigProps	ofsc.bucket	value	Default and when OFSC_INT_WO_PA.sendDetails.action != 'W1UP'.
activityId	activity	Field	apptNumber	activities	Field				
activityType	activityDetails	activity	activityType	activities	Field	WAMOFSC_ActivityType	WAM_ActType	OFSC_ActType	Only if /nssrcmpr:OFSC_INT_WO_PA/nsmpr0:sendDetails/nsmpr0:activity/nsmpr0:activityDetails/nsmpr0:activityType exists
mobileActivityId	activityDetails		activityId	activities	Field				
locationInformation	activityDetails	Group							

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service Request Message			DVM Mapping/OIC Library			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Property Name	Value	Comments
location	locationInformation	Group							
nodeId	locationInformation	Field	wam_activity_node_id	activities	Field				
address1,address2,address3,address4	location	Field	streetAddress	activities	Field				Concatenate all the elements and map to the target element
city	locationInformation	Field	city	activities	Field				
postal	locationInformation	Field	postalCode	activities	Field				
state	locationInformation	Field	stateProvince	activities	Field				

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service Request Message			DVM Mapping/OIC Library			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Property Name	Value	Comments
geocodeLongitude	locationInformation	Field	longitude	activities	Field				<p>Only if / nssrcmpr:OFSC_I NT_WO_PA/ nsmpr0:sendDetails /nsmpr0:activity/ nsmpr0:activityDet ails/ nsmpr0:locationInf ormation/ nsmpr0:geocodeLat itude</p> <p>and</p> <p>/ nssrcmpr:OFSC_I NT_WO_PA/ nsmpr0:sendDetails /nsmpr0:activity/ nsmpr0:activityDet ails/ nsmpr0:locationInf ormation/ nsmpr0:geocodeLo ngitude</p> <p>and not</p> <hr/> <p>(number(/ nssrcmpr:OFSC_I NT_WO_PA/ nsmpr0:sendDetails /nsmpr0:activity/ nsmpr0:activityDet ails/ nsmpr0:locationInf ormation/ nsmpr0:geocodeLat itude)</p>

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service Request Message			DVM Mapping/OIC Library			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Property Name	Value	Comments
geocodeLatitude	locationInformation	Field	latitude	activities	Field				Only if / nssrcmpr:OFSC_I NT_WO_PA/ nsmpr0:sendDetails /nsmpr0:activity/ nsmpr0:activityDet ails/ nsmpr0:locationInf ormation/ nsmpr0:geocodeLat itude and / nssrcmpr:OFSC_I NT_WO_PA/ nsmpr0:sendDetails /nsmpr0:activity/ nsmpr0:activityDet ails/ nsmpr0:locationInf ormation/ nsmpr0:geocodeLo ngitude and not (number(/ nssrcmpr:OFSC_I NT_WO_PA/ nsmpr0:sendDetails /nsmpr0:activity/ nsmpr0:activityDet ails/ nsmpr0:locationInf ormation/ nsmpr0:geocodeLat itude)

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service Request Message			DVM Mapping/OIC Library			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Property Name	Value	Comments
windowStartDateTime	activityDetails	Field	slaWindowStart	activities	Field				
windowEndDateTime	activityDetails	Field	slaWindowEnd	activities	Field				The specified library used in mapping of the element
			timeZone	activities	Field	WAMOFSC_ConfigProfiles	wam.timeZoneIANA	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				Hard code with "No" if emergency = 'W1NO' or "Yes" if emergency = 'W1YS'
info	locationInformation	Field	wam_activity_location_info	activities	Field				
totalPriority	activityDetails	Field	wam_total_priority	activities	Field				

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service Request Message			DVM Mapping/OIC Library			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Property Name	Value	Comments
requiredByDate	activityDetails	Field	wam_required_by_date	activities	Field				Map If element / nssrcmpr:OFSC_IN_T_WO_PA/nsmpr0:sendDetails/nsmpr0:activity/nsmpr0:activityDetails/nsmpr0:requiredByDate exists, else element 'wam_required_by_date' does not exists
requestorInfo	activityDetails	Field	wam_requestor_info	activities	Field				
activityTypeDesc	activityDetails	Field	wam_activity_type_desc	activities	Field				
workOrderId	workorderdetails	Field	wam_work_order_id	activities	Field				
workOrderNumber	workorderdetails	Field	wam_work_order_number	activities	Field				
assetLocationAssets	activityDetails	Group							
assetLocationAssetsList	assetLocationAssets	List							
info	assetDetails	Field	wam_activity_asset_info	activities	Field				
			common_utilities_product_code	activities	string	WAMOFSC_ConfigPros.dvm	source.system	Value	

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service Request Message			DVM Mapping/OIC Library			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Property Name	Value	Comments
equipmentGroup	activityDetails	Field	wam_equipment_group	activities	Field				
laborGroup	activityDetails	Field	wam_labor_group	activities	Field				
otherGroup	activityDetails	Field	wam_other_group	activities	Field				

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service Request Message			DVM Mapping/OIC Library			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Property Name	Value	Comments
storeroomGroup	activityDetails	Field	wam_storeroom_group	activities	Field				The mapping will be happen based on the Size of the input paylaod if the input paylaod is larger than 62KB the data which is larger than 62KB will be distributed other elements
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/OIC Library			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Property Name	Value	Comments
			wam_activity_attachment_group	activities	Field				
			inventories	activities	Group				Loop through the assets
assetLocationAssetsList	assetLocationAssets	Field	items	inventories	Group				
			inventoryType	items	Field	WAMOFSC_ConfigProfiles	asset.inventory.type	value	
serialNo	assetDetails	Field	serialNumber	items	Field				Map if assetId exists in the request or by default map to 'nodeId'
activityId	activity	Field	wam_activity_id	items	Field				
validMeasurementTypes	assetLocationAssets	Field	wam_valid_measurement_types	items	Field				Convert to string using oraext
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				Hard coded to 'NO'

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service Request Message			DVM Mapping/OIC Library			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Property Name	Value	Comments
			wam_asset_instal led_in_ofsc	items	Field				
			wam_asset_or_c omponent	items	Field				
otherAssetsAtLoca tion	assetDetails	Field	wam_other_asse ts	items	Field				
isAssetLocation	locationInformatio n	Field	wam_is_asset_lo cation	items	Field				
info	assetDetails	Field	wam_attached_t o_asset_info	items	Field				
maybeLeftInPlace	assetDetails	Field	wam_asset_may beLeftInPlace	items	Field				
info	assetDetails	Field	wam_asset_info	items	Field				
badgeNo		Field	wam_badge_nu mber	items	Field				
validServiceHistory Types		Field	wam_asset_valid _service_history _types	items	Field				Get it as string using oraext
failureInformation		Field	wam_failure_inf o	items	Field				Get it as string using oraext
info	locationInformatio n	Field	wam_asset_locat ion_info	items	Field				
building	locationInformatio n	Field	wam_asset_locat ion_building	items	Field				

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service Request Message			DVM Mapping/OIC Library			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Property Name	Value	Comments
room	locationInformation	Field	wam_asset_location_room	items	Field				
runToFailure	locationInformation	Field	wam_asset_location_runToFailure	items	Field				Only if nsmpr0:locationInformation/nsmpr0:runToFailure exists
siteLocation	locationInformation	Field	wam_asset_location_siteLocation	items	Field				
pointId	locationInformation	Field	wam_asset_location_pointId	items	Field				
serviceAreaDescription	locationInformation	Field	wam_asset_location_serviceArea	items	Field				
assetId		Field	wam_asset_id	items	Field				
description	assetDetails	Field	wam_asset_desc	items	Field				
assetType	assetDetails	Field	wam_asset_type	items	Field				
			wam_asset_worked	items	string				Hard code with "1"
issuedAsset			items	inventories	Group				For every issued asset the loop repeats

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service Request Message			DVM Mapping/OIC Library			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Property Name	Value	Comments
			inventoryType	items	Field	WAMOFSC _ConfigPro ps	issuedComponent.in ventory.type	Value	When isComponent = 'W1YS'
						WAMOFSC _ConfigPro ps	issuedAsset.inventor y.type	Value	By default
assetId	issuedAsset	Field	serialNumber	items	Field				
nodeId	issuedAsset	Field							Map if assetId exists in the request or by default maps to 'nodeId'
activityId	activity	Field	wam_activity_id	items	Field				
validMeasurement Types		Group	wam_valid_meas urement_types	items	Field				Get it as string using oraext
serialNo	assetDetails	Field	ITEM_NUMBE R	items	Field				
nodeId	assetDetails	Field	wam_node_id	items	Field				
seq	assetDetails	Field	wam_asset_seq	items	Field				
attachedToAssetId	assetDetails	Field	wam_attached_t o_asset_id	items	Field				
			wam_asset_instal led_in_ofsc	items	String				Hard code to 'NO'
			wam_asset_or_c omponent	items	Field				If 'isComponent' is 'W1YS' then set to 'C' else set to 'A'

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service Request Message			DVM Mapping/OIC Library			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Property Name	Value	Comments
otherAssetsAtLocation	assetDetails	Field	wam_other_assets	items	Field				Map only if otherAssetsAtLocation/assetList exists
isAssetLocation	locationInformation	Field	wam_is_asset_location	items	Field				
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	assetDetails	Field	wam_badge_number	items	Field				
validServiceHistoryTypes	assetDetails	Field	wam_asset_valid_service_history_types	items	Field				
failureInformation	assetDetails	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				Map if runToFailure value exists

Oracle Utilities Work and Asset Management Request Message			Oracle Field Service Request Message			DVM Mapping/OIC Library			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Property Name	Value	Comments
siteLocation	locationInformation	Field	wam_asset_location_siteLocation	items	Field				
pointId	locationInformation	Field	wam_asset_location_pointId	items	Field				
serviceAreaDescription	locationInformation	Field	wam_asset_location_serviceArea	items	Field				
assetId	assetDetails	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				Hard code with '1'

Create/Update Activity Response

Mapping details for “Create_update_act_res” 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			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	Comments
bulkUpdate_POST Response		OutermostTag	OFSC_INT_WO_PARResponse		OutermostTag				

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	
activities.definition.s.customActionActivityBulkUpdateSchemaResponse	bulkUpdate_POST Response	Group							
results	activities.definition.s.customActionActivityBulkUpdateSchemaResponse	Group							
activityKeys	results	Group							
			responseDetails	OFSC_INT_WO_PARResponse	Group				
activityId	activityKeys	Field	externalActivityId	responseDetails	Field				

Cancel Activity

Mapping details for “Cancel Activity” 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				

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	
activities.definition.s.activities	search_GETResponse	Group							
items	activities.definition.s.activities	List	TemplateParameters	Execute	Group				
activityId	items	integer	activityId	Execute	String				

Attachment Mappings

Mapping details for “Attachment Mappings” 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	
attachmentList		Outerm ostTag	REST Adapter Headers		Outerm ostTag				REST Adapter Headers: put_0x737063_0x 736c68_rest_0x736 c68_ofscCore_0x73 6c68_v1_0x736c68 _activities_0x736c6 8_0x6c6362_activi tyId_0x726362_0x 736c68_0x6c6362 _propertyLabel_0x 726362_
bulkUpdate_POST Response	search_GETRespo nse	Outerm ostTag							
			HTTPHeaders	REST Adapter Headers	Group				
			StandardHTTP Headers	HTTPHeaders	Group				
attachmentFileNa me	attachmentList	Field	Content- Disposition	StandardHTTPH eaders	Field				concat ("attachment; filename=", \$AttachmentList/ ns1:attachmentList / ns1:attachmentFile Name)

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	
			TemplateParameters	REST Adapter Headers	Group				
activities.definition.s.customActionActivityBulkUpdateSchemaResponse	bulkUpdate_POST Response	Group							
results	activities.definition.s.customActionActivityBulkUpdateSchemaResponse	Group							
activityKeys	results	Group							
activityId	activityKeys	Field	activityId	TemplateParameters	Field				Map the OFSC response Activity element :\$invokeOFSCAddActivity/ nsmpr1:bulkUpdate_POSTResponse/ nsmpr1:activities.definitions.customActionActivityBulkUpdateSchemaResponse/ns25:results/ ns25:activityKeys/ ns25:activityId

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	
			propertyLabel	TemplateParameters	Field				concat ("wam_attachment_", \$LoopCounter) where loop counter values ranges from 1 to 10.

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	
attachmentData	attachmentList	activity Details	streamReference	REST Adapter Headers	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"t)), otherwise do not encode

Oracle Field Service Labor Mappings

Mapping details for “OFSC Labor” 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	
bulkUpdate_POST Response		OutermostTag	update_PATCH		OutermostTag				
			TemplateParameters	update_PATCH	Group				
activities.definition.s.customActionActivityBulkUpdateSchemaResponse	bulkUpdate_POST Response	Group							
results	activities.definition.s.customActionActivityBulkUpdateSchemaResponse	Group							
activityKeys	results	Group							
activityId	activityKeys	Field	activityId	TemplateParameters	Field				
			activities.definitions.updateActivitySchema	update_PATCH	Group				concat('W_', \$LaborList/nsmpr0:laborList/nsmpr0:craftCode, '_Nd')
\$LaborList									
laborList	\$LaborList								

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	
craftCode	laborList		activities.definitions.updateActivitySchema	update_PATCH	Field				
quantity	laborList	laborGroup	elemName	activities.definitions.updateActivitySchema					

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](#)
- [Target Oracle Field Service Equipment](#)
- [Target Oracle Field Service Labour](#)

Get Activity Details Request

Mapping details for “GetActivityDetailsFromOFSC” 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		Outermost tag	canonical_GET		Outermost tag				
request-wrapper	execute	Group	TemplateParameters	canonical_GET	Group				
activityId	request-wrapper	String	activityId	input	String				

Get Activity Details Response

Mapping details for “GetActivityDetails” 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	Comments
\$GetActivityDetailsFromOFSC			W1- WOActivityDetails		Outer mosttag				
canonical_GETResponse	\$GetActivityDetailsFromOFSC		W1- WOActivityDetails	W1- WOActivityDetails	Group				
activities.definitions.getActivitySchema	canonical_GETResponse	input		W1- WOActivityDetails					
apptNumber	activities.definitions.getActivitySchema	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	Comments
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	Comments
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			
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	Comments
			bulkUpdate_POST		Outermosttag				
			activities.definitions.customActionActivityBulkUpdateSchema	bulkUpdate_POST	Group				
			activities	activities.definitions.customActionActivityBulkUpdateSchema	String				Templates applied to \$newList: mode="copy-no-ns" select="\$newSHTypesList"
			wam_service_history_types	activities	String				Hard coded to "\$newList"

Update Oracle Field Service Activity

Mapping details for “UpdateOFSCActivity” 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	Oracle Field Service Column	
	W1- WOActivityDetails Response	Outerm osttag	bulkUpdate_POS T		Outerm osttag				
W1- WOActivityDetail s	W1- WOActivityDetails Response		activities.definition s.customActionAc tivityBulkUpdateS chema	bulkUpdat e_POST	Group				
output	W1- WOActivityDetails		updateParameters	activities.d efinitions.c ustomActi onActivity BulkUpdat eSchema	String				
activity	output		identifyActivityBy	updatePar ameters	String				Hard coded the value to "activityId"
			ifInFinalStatusThe n	updatePar ameters	String				Hard coded the value to "doNothing"
			inventoryProperti esUpdateMode	updatePar ameters	String				Hard coded the value to "keepProperties"

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
			activities	activities.definitions.customActionActivityBulkUpdateSchema					
activityId	activity	Field	apptNumber	activities	Field				
activityType	activityDetails	Field	activityType	activities	String	WAMOFSC_ActivityType	WAM_ActType	OFSC_ActType	
nodeId	locationInformation	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.timeZoneIANA	wam.timeZoneIANA.error	
geocodeLongitude	locationInformation	Field	longitude	activities	Field				
geocodeLatitude	locationInformation	Field	latitude	activities	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
windowStartDateTime	activityDetails	Field	slaWindowStart	activities	Field				If windowStartDateTime value exists, only then translate tpo string and substring to 0 to 20 to map
windowEndDateTime	activityDetails	Field	slaWindowEnd	activities	Field				If windowEndDateTime value exists, only then translate tpo string and substring to 0 to 20 to map
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				

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
emergency	activityDetails	Field	wam_emergency_indicator	activities	Field			
								<p>If the value of emergency is "W1NO" then hard code the value to "No"</p> <p>If the value of emergency is "W1YS" then hard code the value to "Yes"</p>
		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			Map if value exists
requestorInfo	activityDetails	Field	wam_requestor_info	activities	Field			
activityTypeDesc	activityDetails	Field	wam_activity_type_desc	activities	Field			
workOrderId	workorderdetails	Field	wam_work_order_id	activities	Field			
workOrderNumber	workorderdetails	Field	wam_work_order_number	activities	Field			
info	assetDetails	Field	wam_activity_asset_info	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	
		Field	common_utilities_product_code	activities	String	WAMOFSC_ConfigProps	source.system	source.system.error	
equipmentGroup	activityDetails	Field	wam_equipment_group	activities	Field				concat (substring-before (\$atemp, "http://ouaf.oracle.com/webservices/w1/W1-WOActivityDetails"), "http://ouaf.oracle.com/outbound/W1-WOActivityActiveOutboundMsg", substring-after (\$atemp, "http://ouaf.oracle.com/webservices/w1/W1-WOActivityDetails"))

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
laborGroup	activityDetails	Field	wam_labor_group	activities	Field				concat (substring-before (\$atemp, "http://ouaf.oracle.com/webservices/w1/W1-WOActivityDetails"), "http://ouaf.oracle.com/outbound/W1-WOActivityActiveOutboundMsg", substring-after (\$atemp, "http://ouaf.oracle.com/webservices/w1/W1-WOActivityDetails"))

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
otherGroup	activityDetails	Field	wam_other_group	activities	Field				concat (substring-before (\$atemp, "http://ouaf.oracle.com/webservices/w1/W1-WOActivityDetails"), "http://ouaf.oracle.com/outbound/W1-WOActivityActiveOutboundMsg", substring-after (\$atemp, "http://ouaf.oracle.com/webservices/w1/W1-WOActivityDetails"))

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
storeroomGroup	activityDetails	Field	wam_storeroom_group	activities	Field				concat (substring-before (\$atemp, "http://ouaf.oracle.com/webservices/w1/W1-WOActivityDetails"), "http://ouaf.oracle.com/outbound/W1-WOActivityActiveOutboundMsg", substring-after (\$atemp, "http://ouaf.oracle.com/webservices/w1/W1-WOActivityDetails"))
\$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	
\$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			concat (substring-before (\$atemp, "http://ouaf.oracle.com/webservices/w1/W1-WOActivityDetails"), "http://ouaf.oracle.com/outbound/W1-WOActivityActiveOutboundMsg"; substring-after (\$atemp, "http://ouaf.oracle.com/webservices/w1/W1-WOActivityDetails"))

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	
masterActivityId	activities.definitions.getActivitySchema	Field	activityId	activities	Field				When masterActivityId is not null
activityId	request-wrapper	Field	activityId	activities	Field				When masterActivityId is null
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				
activityId	activity	Field	wam_activity_id	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
validMeasurementTypes	assetLocationAssetList	Field	wam_valid_measurement_types	items	Field				concat (substring-before (\$atemp, "http://ouaf.oracle.com/webservices/w1/W1-WOActivityDetails"), "http://ouaf.oracle.com/outbound/W1-WOActivityActiveOutboundMsg", substring-after (\$atemp, "http://ouaf.oracle.com/webservices/w1/W1-WOActivityDetails"))
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				
		Field	wam_asset_installed_in_ofsc	items	Field				Hard coded to "NO"

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
isComponent	assetLocationAssetList/assetDetails	Field	wam_asset_or_component	items	Field				When isComponent='W1YS' then set to 'C', else set it to 'A'
assetList	otherAssetsAtLocation	Field	wam_other_assets	items	Field				concat (substring-before (\$atemp, "http://ouaf.oracle.com/webservices/w1/W1-WOActivityDetails"), "http://ouaf.oracle.com/outbound/W1-WOActivityActiveOutboundMsg", substring-after (\$atemp, "http://ouaf.oracle.com/webservices/w1/W1-WOActivityDetails"))
isAssetLocation	locationInformation	Field	wam_is_asset_location	items	Field				
info	assetDetails	Field	wam_attached_to_asset_info	items	Field				
maybeLeftInPlace	assetLocationAssetList/assetDetails	Field	wam_asset_maybeLeftInPlace	items	Field				
info	assetDetails	Field	wam_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
badgeNo	assetDetails	Field	wam_badge_number	items	Field				
serviceHistoryTypeList	validServiceHistoryTypes	Field	wam_asset_valid_service_history_types	items	Field				concat(substring-before(\$atemp, 'http://ouaf.oracle.com/webservices/w1/W1-WOActivityDetails'),'http://ouaf.oracle.com/outbound/W1-WOActivityActiveOutboundMsg',substring-after(\$atemp, 'http://ouaf.oracle.com/webservices/w1/W1-WOActivityDetails'))
failureInformation	failureInformation	Field	wam_failure_info	items	Field				concat(substring-before(\$atemp, 'http://ouaf.oracle.com/webservices/w1/W1-WOActivityDetails'),'http://ouaf.oracle.com/outbound/W1-WOActivityActiveOutboundMsg',substring-after(\$atemp, 'http://ouaf.oracle.com/webservices/w1/W1-WOActivityDetails'))
info	locationInformation	Field	wam_asset_location_info	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
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				
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"
issuedAsset	issuedAssets	Field	items	inventories	Field				For each value of assetLocationAssetList

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
		Field	inventoryType	items	String	WAMOFSC_ConfigProps	issuedComponent.inventory.type	issuedComponent.inventory.type.error	If isComponent='W1YS'
		Field		items	String	WAMOFSC_ConfigProps	issuedAsset.inventory.type	issuedAsset.inventory.type.error	Else
assetId	issuedAsset	Field	serialNumber	items	Field				When assetId exists then map to assetId else map to nodeId
activityId	activity	Field	wam_activity_id	items	Field				
validMeasurementTypes	measurementTypeList	Field	wam_valid_measurement_types	items	Field				concat (substring-before (\$atemp, "http://ouaf.oracle.com/webservices/w1/W1-WOActivityDetails"), "http://ouaf.oracle.com/outbound/W1-WOActivityActiveOutboundMsg", substring-after (\$atemp, "http://ouaf.oracle.com/webservices/w1/W1-WOActivityDetails"))
serialNo	issuedAsset/assetDetails	Field	ITEM_NUMBER	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
attachedToAssetId	issuedAsset/assetDetails	Field	wam_attached_to_asset_id	items	Field				
		Field	wam_asset_installed_in_ofsc	items	Field				Hard coded to "NO"
isComponent	issuedAsset/assetDetails	Field	wam_asset_or_component	items	Field				When isComponent='W1YS' then set to 'C' else set it to 'A'
assetList	otherAssetsAtLocation	Field	wam_other_assets	items	Field				concat (substring-before (\$atemp, "http://ouaf.oracle.com/webservices/w1/W1-WOActivityDetails"), "http://ouaf.oracle.com/outbound/W1-WOActivityActiveOutboundMsg", substring-after (\$atemp, "http://ouaf.oracle.com/webservices/w1/W1-WOActivityDetails"))
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	issuedAsset/assetDetails	Field	wam_asset_maybeLeftInPlace	items	Field				
info	assetDetails	Field	wam_asset_info	items	Field				
badgeNo	issuedAsset	Field	wam_badge_number	items	Field				
serviceHistoryTypeList	validServiceHistoryTypes	Field	wam_asset_valid_service_history_types	items	Field				concat(substring-before(\$atemp, 'http://ouaf.oracle.com/webservices/w1/W1-WOActivityDetails'),'http://ouaf.oracle.com/outbound/W1-WOActivityActiveOutboundMsg',substring-after(\$atemp, 'http://ouaf.oracle.com/webservices/w1/W1-WOActivityDetails'))

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
failureInformation	failureInformation	Field	wam_failure_info	items	Field				concat(substring-before(\$atemp, 'http://ouaf.oracle.com/webservices/w1/W1-WOActivityDetails'), 'http://ouaf.oracle.com/outbound/W1-WOActivityActiveOutboundMsg', substring-after(\$atemp, 'http://ouaf.oracle.com/webservices/w1/W1-WOActivityDetails'))
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 “GetActivityUpdatesFromWACS” 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				
\$responseStatus			status	response- wrapper	String				Hardcode value to ""
\$errorTex		Field	errorText	response- wrapper	String				

Target Oracle Field Service Equipment

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

Oracle Utilities Work and Asset Management Request Message			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	
execute		Outerm ostTag	update_PATCH		Outerm ostTag				
request-wrapper	execute	Group	TemplateParameter s	canonical_GET	Group				
activityId	request-wrapper	String	activityId	input	String				
			activities.definition s.updateActivitySc hema	update_PATCH					
quantity	equipmentList		element	activities.definition s.updateActivitySc hema					

Target Oracle Field Service Labour

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

Oracle Utilities Work and Asset Management Request Message			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	
execute		Outerm ostTag	update_PATCH		Outerm ostTag				
request-wrapper	execute	Group	TemplateParameter s	canonical_GET	Group				
activityId	request-wrapper	String	activityId	input	String				
			activities.definition s.updateActivitySc hema	update_PATCH					
quantity	equipmentList		element	activities.definition s.updateActivitySc hema					

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 “GetUserDetails” 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	TemplateParameters	get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68__users_0x736c68__0x6c6362_login_0x726362_	Group				
user	events.definitions.routeEvent	Field	login	TemplateParameters	Field				

Get All Resource Types

Mapping details for “GetAllResourceTypes” 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 “GetResourceDetails” 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				
events.definitions.routeEvent	notify_POST	Group	TemplateParameters	canonical_GET	Group				
routeDetails	events.definitions.routeEvent	Group							
resourceId	routeDetails	String	resourceId	input	String				

Check Team Resource Request

Mapping details for “CheckifTeamResource” 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 “GetResourceInfoForEachItem” 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		Outermosttag	canonical_GET		Outermost tag				
items	\$responseItem	Group	TemplateParameters	canonical_GET	Group				
resourceId	items	Field	resourceId	input	Field				

Invoke Sync Flow

Mapping details for “InvokeSyncFlow” 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				Hard code value to ""

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 “GetResourcesFromOFSC” 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				
		TemplateParameters	get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_resources_0x736c68__0x6c6362_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.er ror	
			QueryParameters	get_0x737063__0x 736c68_rest_0x736 c68_ofscCore_0x73 6c68_v1_0x736c68 _resources_0x736c 68__0x6c6362_reso urceId_0x726362__ 0x736c68_descenda nts					
			offset	QueryParameters					
			limit	QueryParameters					

Invoke Individual Store Room Sync

Mapping details for “InvokeIndividualStoreRoomSync” activity are as shown in the table below.

Oracle Field Service Request Message			Oracle Field Service Update Storeroom 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	POST		Outermost tag				
request-wrapper			components.sche mas.request- wrapper	POST	Group				
resourceId	items	Field	resourceId	components.schem as.request-wrapper	Field				
resourceType	items	Field	resourceType	components.schem as.request-wrapper	Field				When assetId exists then hard code to 'StockAsset' or by default hard code to 'StockItem'
			lastSyncDate ^T ime	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 “OFSCResourceList” 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
			TemplateParameters	get_0x737063_0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_resources_0x736c68_0x6c6362_resourceId_0x726362_0x736c68_descendants	Group				
			resourceId	input	String	WAMOF SC_Conf igProps	ofsc.bucket	ofsc.bucket.error	

Update Oracle Field Service Resource As Inactive

Mapping details for “UpdateOFSCResourceAsInactive” activity are as shown in the table below.

Oracle Field Service Get Inventories Request Message			Oracle Utilities Work and Asset Management Get Resource 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	Comments
execute		Outermosttag	template		Outermost tag				
request-wrapper	execute	Group	update_PATCH						

Oracle Field Service Get Inventories Request Message			Oracle Utilities Work and Asset Management Get Resource 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	Comments
			TemplateParameters	update_PATCH					
resourceId	items	String	resourceId	TemplateParameters					
			resources.definitions.resource	update_PATCH					
resourceId	items	String	resourceId	resources.definitions.resource	Field				
			status	resources.definitions.resource	String				Set default value to “inactive”

Update Oracle Field Service Resource

Mapping details for “UpdateOFSCResource” activity are as shown in the table below.

Oracle Utilities Work and Asset Management Response Message			Oracle Field Service 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			template		Outermost tag				
request-wrapper	execute		update_PATCH	template	Group				

Oracle Utilities Work and Asset Management Response Message			Oracle Field Service 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
			TemplateParameters	update_PATCH					
storeroomId	mobileStoreroom	String	resourceId	TemplateParameters	Field				
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							
address3	location	String							
address4	location	String							
			wam_resource_source	resources.definitions.resource	Field	WAMOF SC_ConfigProps	mobileStoreroom.resource.source	mobileStoreroom.resource.source.error	

Create Resources in Oracle Field Service

Mapping details for “CreateResourceInOFSC” 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					
storeroomId	mobileStoreroom	String	resourceId	TemplateParameters	Field				
storeroomId	mobileStoreroom	String	resourceId	resources.definitions.resource	String				
			organization	resources.definitions.resource	String	WAMOF SC_ConfigProps	mobileStoreroom.organization	mobileStoreroom.organization.error	
			status	resources.definitions.resource	String				Default value set to 'active'
			parentResourceId	resources.definitions.resource	String	WAMOF SC_ConfigProps	ofsc.bucket	ofsc.bucket.error	
			resourceType	resources.definitions.resource	String	WAMOF SC_ConfigProps	mobileStoreroom.resource.type	mobileStoreroom.resource.type.error	
description	mobileStoreroom	Field	name	resources.definitions.resource	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	resources.definitions.resource	String	WAMOF SC_ConfigProps	mobileStoreroom.language.default	mobileStoreroom.language.default.error	
			timeZone	resources.definitions.resource	String	WAMOF SC_ConfigProps	mobileStoreroom.timeZone.default	mobileStoreroom.timeZone.default.error	
address1		Field	wam_resource_address	resources.definitions.resource	Field				Use the user defined function WAMOFSC_ConcatAddress and contact the address
address2		Field							
address3		Field							
address4		Field							
			wam_resource_source	resources.definitions.resource	String	WAMOF SC_ConfigProps	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 “GetStoreroomInventoryFromWACS” 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	W1-MobileStoreroom Inventory		Outermost tag				
request-wrapper	execute	Group	W1-MobileStoreroom Inventory	W1-MobileStoreroomInventory	Group				
resourceId	request-wrapper	Field	storeroomId	input	Field				
lastSyncDate'ime	request-wrapper	Field	transferDate'ime	input	Field				

Resource Inventory Bulk

Mapping details for “resourceinventorybulk” activity are as shown in the table below.

Oracle Utilities Work and Asset Cloud Inventory Details Response Message			Oracle Field Service 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		Outerm osttag	execute		Outermost tag				
request-wrapper			request-wrapper	execute	Group				
			resources	request-wrapper					
resourceId	request-wrapper		resourceId	input	Field				
			inventories	resources	Field				Checks for inventory and proceeds further if it is not null
									If inventory is null, hard codes the value to ""
assetId	inventory	Field	inventoryType	inventories	Field				When assetId exists then hard code to 'StockAsset' or by default hard code to 'StockItem'
stockItemDetailId	inventory	Field	wam_material_id	inventories	Field				When assetId exists then concat (stockItemDetailId, assetId) or by default hard code to 'stockItemDetailId'
assetId	inventory	Field							

Oracle Utilities Work and Asset Cloud Inventory Details Response Message			Oracle Field Service 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
stockItemDetailId	inventory	Field	wam_material_stockItemDetailId	inventories	Field				
lotId	inventory	Field	wam_material_lotId	inventories	Field				
stockCode	inventory	Field	wam_material_stockCode	inventories	Field				Map only if stockCode value exists
masterStockItemDetailId	inventory	Field	wam_material_masterStockItemDetailId	inventories	Field				
stockItemId	inventory	Field	wam_material_stockItemId	inventories	Field				
stockItemCategory	inventory	Field	wam_material_stockItemCategory	inventories	Field				Map onlyif stockItemCategory value exists
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				Map only if validServiceHistoryTypes value exists
validMeasurementTypes	assetInformation	Field	wam_valid_measurement_types	inventories	Field				
assetId	inventory	Field	wam_asset_id	inventories	Field				

Oracle Utilities Work and Asset Cloud Inventory Details Response Message			Oracle Field Service 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
badgeNumber	inventory	Field	wam_badge_number	inventories	Field				
stockItemInfo	inventory	Field	wam_material_stockItemInfo	inventories	Field				
uom	inventory	Field	wam_material_uom	inventories	Field				Map only if uom value exists else the node does not exist
isComponent	inventory	Field	wam_material_isComponent	inventories	Field				

Get Resource Inventory

Mapping details for “getResourceInventories” 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	execute		Outermost tag				

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
request-wrapper	execute	Group	TemplateParameters	get_0x737063_0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_resources_0x736c68_0x6c6362_resourceId_0x726362_0x736c68_inventories	Group				
resourceId	request-wrapper	Field	resourceId	resources	Field				

Bulk Update Inventory

Mapping details for “bulkupdateinventories” activity are as shown in the table below.

Oracle Utilities Work and Asset Cloud Inventory Details Response Message			Oracle Field Service 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				

Oracle Utilities Work and Asset Cloud Inventory Details Response Message			Oracle Field Service 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
			inventories	resources	Field				
assetId	inventory	Field	inventoryType	inventories	Field				Hard coded to "StockAsset"
assetId	inventory	Field							Hard coded to "StockItem"
stockItemDetailId	inventory	Field	wam_material_id	inventories	Field				
assetId	inventory	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				
stockItemCategory	inventory	Field	wam_material_stockItemCategory	inventories	Field				
stockItemDetailInfo	inventory	Field	wam_material_stockItemDetailInfo	inventories	Field				

Oracle Utilities Work and Asset Cloud Inventory Details Response Message			Oracle Field Service 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
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 “UpdateResourceLastSyncDate” 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		Outermost tag	update_PATCH		Outermost tag				
request-wrapper	execute	Group	TemplateParameters	update_PATCH	Group				
resourceId	request-wrapper	Field	resourceId	TemplateParameters	Field				
		Group	resources.definitions.resource	update_PATCH	Group				
resourceId	request-wrapper	Field	resourceId	resources.definitions.resource	Field				
			wam_resource_lastUpdateDtm	resources.definitions.resource	String				Set the value to current date/time while sending request using function fn:current-dateTime ()

Sync Storeroom

Mapping details for “SyncStoreroom” 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		Outermost tag	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 “getActivityDetails” activity are as shown in the table below.

Oracle Field Service Request Message			Oracle Field Service 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		Outermosttag	canonical_GET		Outermosttag				
events.definitions.activityEvent	notify_POST	Group							
activityDetails	events.definitions.activityEvent		TemplateParameters	canonical_GET	Group				
activityId	activityDetails	Integer	activityId	input	String				

Update Interim Status

Mapping details for “UpdateInterimStatus” 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				
status	activityChanges	string	currentStatus	input	String	WAMOF SC_ActivityStatus	PropertyName = "OFSC_ActStatus", "WAM_Previous ActStatus"	Value = "status"	
status	activityChanges	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 “GetInventoryDetails” 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		Outermost tag	get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_activities_0x736c68__0x6c6362_activityId_0x726362__0x736c68_customerInventories		Outermost tag				
events.definitions.activityEvent	notify_POST		TemplateParameters				get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_activities_0x736c68__0x6c6362_activityId_0x726362__0x736c68_customerInventories		

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
activityDetails	events.definitions.activityEvent								
activityId	activityDetails		activityId	TemplateParameters	String				

Create Work Order

Mapping details for “createWorkOrder” 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				

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_pickup_related_appt_number	activityChanges	string	followUpActivityId	newActivityDetails	String				
\$GetInventoryDetails									
get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_activities_0x736c68__0x6c6362_activityId_0x726362__0x736c68_customerInventoriesResponse	\$GetInventoryDetails								
RESSCHNAME24	get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_activities_0x736c68__0x6c6362_activityId_0x726362__0x736c68_customerInventoriesResponse								
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				

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_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				
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				
\$defaultUser			requestor	newActivityDetails	String				
\$userIdVar			employeeExternalId	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 “createWorkRequest” 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		Outermost tag	W1-CreMoblWR		Outermost tag				
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				
wam_pickup_activity_long_desc1	requestChanges	String	longDescription	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_required_by_date1	requestChanges	String	requiredByDate	input	String				
wam_pickup_downtimeDate1	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				
\$defaultUser		String	requestor	input	String				
\$userIDVar		String	employeeExternalId	input	String				