Oracle Utilities Network Management System Integration to Oracle Field Service

Data Mapping Guide

Release 22C

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Oracle Utilities Network Management System Integration to Oracle Field Service Data Mapping Guide, Release 22C

Contents

Preface

Welcome to the Oracle Utilities Network Management System 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 Oracle Utilities Network Management System integration with Oracle Field Service.

Documentation and Resources

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

Product Documentation

Topic	Location
Oracle Utilities Network Management System Integration to Oracle Field Service documentation	https://docs.oracle.com/en/industries/energy-water/integrations-index.html
Oracle Utilities Network Management System documentation	https://docs.oracle.com/cd/E72219_01/documentation.html
Oracle Field Service documentation	https://docs.oracle.com/en/cloud/saas/field-service/21c/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. Refer to the *Certification Matrix for Oracle Utilities Products (Doc ID 1454143.1)* on My Oracle Support to determine if support for newer versions of the listed products is included. For more information, 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/

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

Access to Oracle Support

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

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	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)
OUNMS	Oracle Utilities Network Management System

Chapter 1

Data Mapping

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

- Admin Sync (Oracle Utilities Network Management System Initiated)
- Failed Equipment (Oracle Utilities Network Management System Initiated)
- Activity Process (Oracle Utilities Network Management System Initiated)
- Activity Created (Oracle Field Service Cloud Initiated)
- Update Activity (Oracle Field Service Initiated)
- Update Event Details (Oracle Field Service Initiated)
- Resource Created/Updated (Oracle Field Service Initiated)
- Activity Asynchronous Processor (Oracle Field Service Initiated)
- Resources Sync (Oracle Field Service Initiated)
- Resources Route (Oracle Field Service Initiated)
- Attachments (Oracle Field Service Initiated)
- Attachments (Oracle Utilities Network Management System Initiated)
- Chat Notification (Oracle Utilities Network Management System Initiated)
- Find Resource Bucket (Oracle Integration Cloud Initiated)

Admin Sync (Oracle Utilities Network Management System Initiated)

This section describes data mapping for the following:

- Get Admin Data Mapping
- PickListCreateEnumProperty Mapping
- PickListPutEnumList Mapping
- PickListPutEventCategoryEnum Mapping
- FEPopulateEnuYesNo Mapping
- FECreateEnumProperty Mapping
- FEPopulateRatingUnitsOM Mapping
- WriteFELookup Mapping
- FECreateProperty Mapping
- PopulatePhases Mapping
- PopulateManufacturer Mapping
- GetOFSCWorkSkillConditions Mapping
- CrewTypePutWorkSkill Mapping
- CrewTypePutWorkSkillProperty Mapping
- CrewTypeReplaceWorkSkillCond Mapping
- ControlZonesCreateResource Mapping
- WorkZonesGetAllWorkZones Mapping
- WorkZonesCreate Mapping
- WorkZonesReplace Mapping
- PickListEnvMapPutEvent Mapping
- PickListEnvMapPutEnum Mapping
- StoreEventTypeCategory Mapping
- CustomerTypePopulate Mapping

Get Admin Data Mapping

OIC Get Admin Data Request Message			NMS GetAdmin Data Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
			execute		Outerm osttag				getAdminData
			Connectivity Properties						
			Plugin	Connectivity Properties					
			ConnectionId	Plugin		OUTL-BRT-NMS_OFSC_ InstanceIDTo Bucket	OFSC_BucketID	NMS_Connecti onID	
						OUTL-BRT-NMS_OFSC_ ConfigProps	PropertyName	Value	"ofsc.bucket" as source

PickListCreateEnumProperty Mapping

NMS Get Admin Data Response Message			OFSC Metadata API Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
$Get_AdminData		Outerm osttag	execute		Outerm osttag				Put /rest/ ofscMetadata/ v1/properties/ {label}/
response-wrapper	$Get_AdminData	Group	Template Parameters	execute	Group				

NMS Get Admin Data Response Message			OFSC Metadata API Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
picklist	response-wrapper	Array	label	Template Parameters	String				concat("nms_", /picklist/first,"_", /picklist/second/first)
first	picklist	String							
second	picklist	Array							
first	second	String							
			request-wrapper	execute	Group				
			type	request-wrapper	String				"enumeration"
			entity	request-wrapper	String				"activity"
			gui	request-wrapper	String				"combobox"
			cloneFlag	request-wrapper	boolean				"false"
			translations	request-wrapper	Array				
			language	translations	String	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "ofs.language"	Value = "en"	
fieldNames	response-wrapper	Array of Strings	name	translations	String				/fieldNames/nestedArray[nestedArrayItem[1]=/picklist/first/second/first]/nestedArrayItem[2]
first	fieldNames	Strings							
second	fieldNames	String							

PickListPutEnumList Mapping

NMS Get Admin Data Response Message			OFSC Metadata API Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
$Get_AdminData		Outerm osttag	execute		Outerm osttag				Put /rest/ ofscMetadata/ v1/properties/ {enumProperty} /enumeration List/
response-wrapper	$Get_AdminData	Group	Template Parameters	execute	Group				
picklist	response-wrapper	Array	enumProperty	Template Parameters	String				concat("nms_", / picklist/first,"_", /picklist/ second/first)
first	picklist	String							
second	picklist	Array							
first	second	String							
			request-wrapper	execute	Group				
			items	request-wrapper	Array				
			active	items	Boolean	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "activeFlag.defaul t"	Value = "true"	
second	second	String	label	items	String				
			translations	items	Array				
			language	translations	String	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "ofs.language"	Value = "en"	

NMS Get Admin Data Response Message			OFSC Metadata API Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
second	second	String	name	translations	String				/fieldNames/ nestedArray[nest edArrayItem[1]= /picklist/first/ second/first]/ nestedArrayItem [2]

PickListPutEventCategoryEnum Mapping

NMS Get Admin Data Response Message			OFS Metadata API Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
$Get_AdminData		Outerm osttag	execute		Outerm osttag				Put /rest/ ofscMetadata/ v1/properties/ nms_event_categ ory/enumeration List/
response-wrapper	$Get_AdminData	Group							
picklist	response-wrapper	Array							
			request-wrapper	execute	Group				
			items	request-wrapper	Array				
			active	items	Boolean	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "activeFlag. default"	Value = "true"	
first	picklist	String	label	items	String				

NMS Get Admin Data Response Message			OFS Metadata API Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
			translations	items	Array				
			language	translations	String	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "ofs.language"	Value = "en"	
first	picklist	String	name	translations	String				/fieldNames/nestedArray[nestedArrayItem[1]=/picklist/first/second/first]/nestedArrayItem[2]

FEPopulateEnuYesNo Mapping

NMS Get Admin Data Response Message			OFS Metadata API Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
$Get_AdminData		Outermosttag	execute		Outermosttag				Put /rest/ofscMetadata/v1/properties/{enumProperty}/
response-wrapper	$Get_AdminData	Group	Template Parameters	execute	Group				
fieldNames	response-wrapper	Array of Strings							

NMS Get Admin Data Response Message			OFS Metadata API Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
first	fieldNames	Strings	enumProperty	Template Parameters	String				concat("nms_", / nestedArray[nestedArrayItem[1]= tableName/ columns/name]/ nestedArrayItem [2]
second	fieldNames	Strings							
tableSchemas	response-wrapper	Group							
tableName	tableSchemas	Group	request-wrapper	execute	Group				
columns	tableName	Group	items	request-wrapper	Array				
name	columns	String	label	items	String				N' or 'Y'
dataType	columns	String	active	items	Boolean	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "activeFlag. default"	Value = "true"	
maxWidth	columns	Integer	translations	items	Array				
			language	translations	String	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "ofs.language"	Value = "en"	
			name	translations	String				No' or 'Yes'

FECreateEnumProperty Mapping

NMS Get Admin Data Response Message			OFS Metadata API Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
$Get_AdminData		Outermosttag	execute		Outermosttag				Put /rest/ ofscMetadata/ v1/properties/ {label}/
response-wrapper	$Get_AdminData	Group	Template Parameters	execute	Group				
fieldNames	response-wrapper	Array of Strings							
first	fieldNames	String	label	Template Parameters	String				concat("nms_", tableName/ columns/name)
second	fieldNames	String							
tableSchemas	$Get_AdminData	Group							
tableName	tableSchemas	Group	request-wrapper	execute	Group				
columns	tableName	Group	type	request-wrapper	String				"enumeration"
name	columns	String	entity	request-wrapper	String				"activity"
dataType	columns	String	gui	request-wrapper	String				"combobox"
maxWidth	columns	Integer	cloneFlag	request-wrapper	boolean				"false"
			translations	request-wrapper	Array				
			language	translations	String	OUTL-BRT-NMS_OFSC_ ConfigProps	PropertyName = "ofs.language"	Value = "en"	

NMS Get Admin Data Response Message			OFS Metadata API Request Message			DVM Mapping	Oracle Utilities Network Management System Column	Oracle Field Service Column	Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name			
			name	translations	String				fieldNames[first =tableName/ columns/name]/ second

FEPopulateRatingUnitsOM Mapping

NMS Get Admin Data Response Message			OFS Metadata API Request Message			DVM Mapping	Oracle Utilities Network Management System Column	Oracle Field Service Column	Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name			
$Get_AdminData		Outerm osttag	execute		Outerm osttag				Put /rest/ ofscMetadata/ v1/properties/ {enumProperty} /
response-wrapper	$Get_AdminData	Group	Template Parameters	execute	Group				
picklist	response-wrapper	Array	enumProperty	Template Parameters	String				"nms_RATING _UNITS_OM"
first	picklist	String							
second	picklist	Array							
first	second	String							
			request-wrapper	execute	Group				
			items	request-wrapper	Array				

NMS Get Admin Data Response Message			OFS Metadata API Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
second	second	String	label	items	String				/ picklist[first='radial]/ second[first='rating_units_om']
			active	items	Boolean	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "activeFlag.default	"Value = "true"	
			translations	items	Array				
			language	translations	String	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "ofs.language	"Value = "en"	
second	second	String	name	translations	String				/ picklist[first='radial]/ second[first='rating_units_om']

WriteFELookup Mapping

NMS Get Admin Data Response Message			OIC API Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
$Get_AdminData		Outermost tag	execute		Outermosttag				PUT /ic/api/integration/v1/lookups/{lookupName}
response-wrapper	$Get_AdminData	Group	TemplateParameters	execute					

NMS Get Admin Data Response Message			OIC API Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
fieldNames	response-wrapper	Array of Strings	lookupName	TemplateParameters					Lookup name is "OUTL-BRT-NMS_OIC_FailedEquipCaching_DND"
first	fieldNames	String	request-wrapper	execute	Group				
second	fieldNames	String	columns	request-wrapper	String				Hardcoded "NMS_FIELDNAME"
			columns	request-wrapper	String				Hardcoded "NMS_DATATYPE"
			columns	request-wrapper	String				Hardcoded "NMS_LENGTH"
tableSchemas	$Get_AdminData	Group	columns	request-wrapper	String				Hardcoded "OFS_FIELDNAME"
tableName	tableSchemas	Group	columns	request-wrapper	String				Hardcoded "OFS_LABEL"
columns	tableName	Group	rows	request-wrapper	Array				
name	columns	String	rowData	rows	String				
dataType	columns	String	rowData	rows	String				
maxWidth	columns	Integer	rowData	rows	String				
			rowData	rows	String				
			rowData	rows	String				

NMS Get Admin Data Response Message			OIC API Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
			name	request-wrapper	String				Lookup name is "OUTL-BRT-NMS_OIC_FailedEquipCaching_DND"

FECreateProperty Mapping

NMS Get Admin Data Response Message			OFS Metadata API Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
$Get_AdminData		Outermost tag	execute	Outermosttag				Put /rest/ofscMetadata/v1/properties/{enumProperty}/	
response-wrapper	$Get_AdminData	Group	TemplateParameters	execute	Group				
fieldNames	response-wrapper	Array of Strings							
first	fieldNames	String							
second	fieldNames	String							
			enumProperty	TemplateParameters	String				concat("nms_", tableName/columns/name)
tableSchemas	$Get_AdminData	Group							
tableName	tableSchemas	Group	request-wrapper	execute	Group				

NMS Get Admin Data Response Message			OFS Metadata API Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
columns	tableName	Group	type	request-wrapper	String				"string"
name	columns	String	entity	request-wrapper	String				"activity"
dataType	columns	String	gui	request-wrapper	String				"text"
maxWidth	columns	Integer	cloneFlag	request-wrapper	boolean				"false"
			translations	request-wrapper	Array				
			language	translations	String	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "ofs.language"	Value = "en	"
			name	translations	String				/fieldNames[first =/picklist/first/second/first]/second

PopulatePhases Mapping

NMS Get Admin Data Response Message			OFS Metadata API Request Message			DVM Mapping			Comments
							Oracle Utilities Network Management System Column	**Oracle Field Service Column**	
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**			
$Get_AdminData		Outerm osttag	execute		Outerm osttag				Put /rest/ ofscMetadata/ v1/properties/ nms_event_phas es/ enumerationList /
response-wrapper	$Get_AdminData	Group							
phases	response-wrapper	Array							
phaseA	phases	String							
phaseB	phases	Array							
phaseBits	phases	String							
phaseC	phases	String	request-wrapper	execute	Group				
phaseN	phases	String	items	request-wrapper	Array				
phaseString	phases	String	label	items	String				If phaseString is not empty. Else, 'None'
			active	items	Boolean	OUTL-BRT-NMS_OFSC_ ConfigProps	PropertyName = "activeFlag.defaul t	"Value = "true"	
			translations	items	Array				
			language	translations	String	OUTL-BRT-NMS_OFSC_ ConfigProps	PropertyName = "ofs.language	"Value = "en"	

NMS Get Admin Data Response Message			OFS Metadata API Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
phaseString	phases	String	name	translations	String				If phaseString not empty. Else, 'None'

PopulateManufacturer Mapping

NMS Get Admin Data Response Message			OFS Metadata API Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
$Get_AdminData		Outermosttag	execute	Outermosttag					Put /rest/ ofscMetadata/ v1/properties/ nms_MANUF_ TEXT/ enumerationList /
response-wrapper	$Get_AdminData	Group							
			request-wrapper	execute	Group				
			items	request-wrapper	Array				
manufacturers	response-wrapper	Array of String	label	items	String				If phaseString is not empty. Else, 'None'.
			active	items	Boolean	OUTL-BRT-NMS_OFSC_ ConfigProps	PropertyName = "activeFlag. default"	Value = "true"	

NMS Get Admin Data Response Message			OFS Metadata API Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
			translations	items	Array				
			language	translations	String	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "ofs.language"	Value = "en"	
manufacturers	response-wrapper	Array of String	name	translations	String				If phaseString is not empty. Else, 'None'.

GetOFSCWorkSkillConditions Mapping

NMS Get Admin Data Response Message			OFSC GetWorkSkillConditions Data Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
			execute		Outermosttag				Get /rest/ofscMetadata/v1/workSkillConditions/

CrewTypePutWorkSkill Mapping

NMS Get Admin Data Response Message			OFSC Metadata API Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
$Get_AdminData		Outerm osttag	execute		Outerm osttag				Put /rest/ ofscMetadata/ v1/workSkills/ {label}/
response-wrapper	$Get_AdminData	Group	Template Parameters	execute	Group				
crewTypes	response-wrapper	Group							
crewType	crewTypes	String	label	Template Parameters	String				concat("n_", / crewTypes/ crewType)
			request-wrapper	execute	Group				
			items	request-wrapper	Array				
			sharing	items	String	OUTL-BRT-NMS_OFSC_ ConfigProps	PropertyName = "workSkill.sharin g.default"	Value = "summary"	
			active	items	Boolean	OUTL-BRT-NMS_OFSC_ ConfigProps	PropertyName = "activeFlag. default"	"Value = "true"	
			translations	items	Array				
			language	translations	String	OUTL-BRT-NMS_OFSC_ ConfigProps	PropertyName = "ofs.language	"Value = "en"	
			name	translations	String				

CrewTypePutWorkSkillProperty Mapping

NMS Get Admin Data Response Message			OFSC Metadata API Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
$Get_AdminData		Outerm osttag	execute		Outerm osttag				Put /rest/ ofscMetadata/ v1/properties/ {label}/
response-wrapper	$Get_AdminData	Group	Template Parameters	execute	Group				
crewTypes	response-wrapper	Group							
crewType	crewTypes	String	label	Template Parameters	String				concat("n_", / crewTypes/ crewType,"_Nd")
			request-wrapper	execute	Group				
			type	request-wrapper	String	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "workSkillProperty.type.default	"Value="string"	
			entity	request-wrapper	String	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "workSkillProperty.entity.default	"Value = "activity"	
			gui	request-wrapper	String	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "workSkillProperty.gui.default	"Value = "text"	
			translations	request-wrapper	Array				
			language	translations	String	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "ofs.language	"Value = "en"	

NMS Get Admin Data Response Message			OFSC Metadata API Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
			name	translations	String	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "workSkillProperty.nameSuffix.default	"Value= " needed"	concat(/crewTypes/crewType,workSkillProperty.nameSuffix.default)

CrewTypeReplaceWorkSkillCond Mapping

OFS Get WorkSkillConditions Response Message			OFS Metadata API Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
$Get_OFSCWorkSkillCond		Outermosttag	execute		Outermosttag				Put /rest/ofscMetadata/v1/workSkillConditions/
response-wrapper	$Get_OFSCWorkSkillCond	Group	response-wrapper	execute	Group				
items	response-wrapper	Group	items	response-wrapper	Group				
internalId	items	String	internalId	items	String				
label	items	String	label	items	String				
requiredLevel	items	String	requiredLevel	items	String				
preferableLevel	items	String	preferableLevel	items	String				
conditions	items	Group	conditions	items	Group				
label	conditions	String	label	conditions	String				

OFS Get WorkSkillConditions Response Message			OFS Metadata API Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
function	conditions	String	function	conditions	String				
valueList	conditions	List	valueList	conditions	List				
value	conditions	String	value	conditions	String				
links	items	Group							
rel	links	String							
href	links	String							
OIC NewWorkSkillConditions			**OFS Metadata API Request Message**			**DVM Mapping**			**Comments**
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
$Var_NewWSConditionsColl		Outermosttag							
root		Group							
items	root	Group							
internalId	items	String							
label	items	String							
requiredLevel	items	String							
preferableLevel	items	String							
conditions	items	Group							
label	conditions	String							
function	conditions	String							
valueList	conditions	List							

OFS Get WorkSkillConditions Response Message			OFS Metadata API Request Message			DVM Mapping			Comments
							Oracle Utilities Network Management System Column	Oracle Field Service Column	
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name			
value	conditions	String							

ControlZonesCreateResource Mapping

NMS Get Admin Data Response Message			OFS Metadata API Request Message			DVM Mapping			Comments
							Oracle Utilities Network Management System Column	Oracle Field Service Column	
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name			
$Get_AdminData		Outermosttag	execute		Outermosttag				Resource / Create Resource
response-wrapper	$Get_AdminData	Group	Template Parameters	execute	Group				
controlZones	response-wrapper	Group							
ncg	controlZones		resourceId	Template Parameters	String				concat("n_", / crewTypes/ crewType)
			resource	execute	Group				
			resourceId	resource	String				
			status	resource	String	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "ofsc.workZone.default.status	"Value = "active"	
			parentResourceId	resource	Integer	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "parentBucket.default	"Value = "4802"	
			resourceType	resource	String				"BK"

NMS Get Admin Data Response Message			OFS Metadata API Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
name	controlZones		name	resource	String				
			language	resource	String	OUTL-BRT-NMS_OFSC_ ConfigProps	PropertyName = "ofs.language	"Value = "en"	
			timeZone	resource	String	OUTL-BRT-NMS_OFSC_ ConfigProps	PropertyName = "bucket.timeZone .default	"Value = "en"	
			common_utilities_ resource_code	resource	String	OUTL-BRT-NMS_OFSC_ ConfigProps	PropertyName = "source.system	"Value = "NMS"	

WorkZonesGetAllWorkZones Mapping

OFS GetAllWorkZones Response Message			OFS Metadata API Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
			template		Outerm osttag				/rest/ ofscMetadata/ v1/workZones
			execute	template					

WorkZonesCreate Mapping

NMS Get Admin Data Response Message			OFS Metadata API Request Message			DVM Mapping			Comments
							Oracle Utilities Network Management System Column	Oracle Field Service Column	
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name			
$Get_AdminData		Outerm osttag	execute		Outerm osttag				/rest/ ofscMetadata/ v1/workZones
response-wrapper	$Get_AdminData	Group	request-wrapper	execute	Group				
controlZones	response-wrapper	Group							
name	controlZones		workZoneName	request-wrapper	String				
ncg	controlZones		workZoneLabel	request-wrapper	String				
			status	request-wrapper	String	OUTL-BRT-NMS_OFSC_ ConfigProps	PropertyName = "ofsc.workZone.d efault.status	"Value = "active"	
			travelArea	request-wrapper	String	OUTL-BRT-NMS_OFSC_ ConfigProps	PropertyName = "ofsc.workZone.d efault.travelArea	"Value = "sunrise_enterp rise"	
ncg	controlZones		keys	request-wrapper	Array of Strings				
			shapes	request-wrapper	Array of Strings				

WorkZonesReplace Mapping

NMS Get Admin Data Response Message			OFS Metadata API Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
$Get_AdminData		Outerm osttag	execute		Outerm osttag	execute			/rest/ ofscMetadata/ v1/workZones/ {workZoneNam e}
response-wrapper	$Get_AdminData	Group	Template Parameters	execute	Group	request-wrapper		Group	
controlZones	response-wrapper	Group							
ncg	controlZones		workZoneLabel	Template Parameters	String				
name	controlZones								
ncg	controlZones		workZoneName	request-wrapper	String				
			workZoneLabel	request-wrapper	String				
			status	request-wrapper	String	OUTL-BRT-NMS_OFSC_ ConfigProps	PropertyName = "ofsc.workZone.d efault.status	"Value = "active"	
ncg	controlZones		travelArea	request-wrapper	String	OUTL-BRT-NMS_OFSC_ ConfigProps	PropertyName = "ofsc.workZone.d efault.travelArea	"Value = "sunrise_enterp rise"	
			keys	request-wrapper	Array of Strings				
			shapes	request-wrapper	Array of Strings				

PickListEnvMapPutEvent Mapping

NMS Get Admin Data Response Message			OFS Metadata API Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
$Get_AdminData		Outerm osttag	execute		Outerm osttag				Put /rest/ ofscMetadata/ v1/properties/ nms_event_type / enumerationList /
response-wrapper	$Get_AdminData	Group	request-wrapper	execute	Group				
picklistenvMap	response-wrapper	Array	items	request-wrapper	Array				
First	picklistenvMap	String	label	items					
Second	picklistenvMap	String	active	items	Boolean	OUTL-BRT-NMS_OFSC_ ConfigProps	PropertyName = "activeFlag. default	"Value = "true"	
			translations	items	Array				
			language	translations	String	OUTL-BRT-NMS_OFSC_ ConfigProps	PropertyName = "ofs.language	"Value = "en"	
			name	translations	String				

PickListEnvMapPutEnum Mapping

NMS Get Admin Data Response Message			OFS Metadata API Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
$Get_AdminData		Outermosttag	execute	Outermosttag					Put /rest/ ofscMetadata/ v1/properties/ nms_eventType_ category/ enumerationList /
response-wrapper	$Get_AdminData	Group	request-wrapper	execute	Group				
picklistenvMap	response-wrapper	Array	items	request-wrapper	Array				
first	picklistenvMap	Array of String	label	items	String				
			active	items	Boolean	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "activeFlag.default"	Value = "true"	
			translations	items	Array				
			language	translations	String	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "ofs.language"	Value = "en"	
second	picklistenvMap	Array of String	name	translations	String				

StoreEventTypeCategory Mapping

NMS Get Admin Data Response Message			OFS Metadata API Request Message			DVM Mapping			Comments
							Oracle Utilities Network Management System Column	**Oracle Field Service Column**	
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**			
$Get_AdminData		Outerm osttag	execute		Outerm osttag				PUT /ic/api/ integration/v1/ lookups/ {lookupName}
			Template Parameters	execute					
			lookupName	Template Parameters					Lookup name is "OUTL-BRT-NMS_OIC_Eve ntTypeCategory Caching_DND"
response-wrapper	$Get_AdminData	Group	request-wrapper	execute	Group				
picklistenvMap	response-wrapper	Array	columns	request-wrapper	String				Hardcoded "First"
			columns	request-wrapper	String				Hardcoded "Second"
			rows	request-wrapper	Array				
first	picklistenvMap	String	rowData	rows	String				
second	picklistenvMap	String	rowData	rows	String				
			name	request-wrapper	String				Lookup name is "OUTL-BRT-NMS_OIC_Eve ntTypeCategory Caching_DND"

CustomerTypePopulate Mapping

NMS Get Admin Data Response Message			OFS Metadata API Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
$Get_AdminData		Outerm osttag	execute		Outerm osttag				Put /rest/ ofscMetadata/ v1/properties/ nms_customer_t ypes/ enumerationList /
response-wrapper	$Get_AdminData	Group	request-wrapper	execute	Group				
customerTypes	response-wrapper	Group	items	request-wrapper	Array				
first	customerTypes	Array of String	label	items	String				
			active	items	Boolean	OUTL-BRT-NMS_OFSC_ ConfigProps	PropertyName = "activeFlag.defaul t	"Value = "true"	
			translations	items	Array				
			language	translations	String	OUTL-BRT-NMS_OFSC_ ConfigProps	PropertyName = "ofs.language	"Value = "en"	
second	customerTypes	Array of String	name	translations	String				

Failed Equipment (Oracle Utilities Network Management System Initiated)

This section describes data mapping for the following:

- Get Activity Details Mapping
- Get Failed Equipment Lookup Mapping
- Event Failed Equipment Update Mapping

Get Activity Details Mapping

OIC Failed Equipment Request Message			Get Activity Details OFS Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
formSubmitted		Outermosttag	canonical_GET		Outermosttag				Activity/ Get Activity
forms.failed Equipment	formSubmitted	Group	Template Parameters	canonical_GET	Group				
activityDetails	forms.failedEquipment	Group							
activityId	activityDetails	Array	activityId	Template Parameters					

Get Failed Equipment Lookup Mapping

GetFailedEquipment OIC Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
execute		Outermosttag				/ic/api/integration/v1/lookups/{lookupName}

GetFailedEquipment OIC Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
TemplateParameters	execute	Group				
name	TemplateParameters					Hardcoded to "OUTL-BRT-NMS_OIC_FailedEquipCaching_DND"
QueryParameters	execute					
expand	QueryParameters					Hardcoded to "datarow"

Event Failed Equipment Update Mapping

OFS GetActivityDetails Response Message			Get Activity Details OFS Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
			execute		Outermosttag	updateEvents			
			request-wrapper	execute	Group				
			topLevelArray	request-wrapper					
$GetActivityDetailsFromOFSC/ nsmpr2:canonical_GETResponse/ nsmpr2:activities.definitions.getActivitySchema/ ns25:apptNumber			activityId	topLevelArray					
			event	topLevelArray					

OFS GetActivityDetails Response Message			Get Activity Details OFS Request Message			DVM Mapping	Oracle Utilities Network Management System Column	Oracle Field Service Column	Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name			
			operatorComment	event		OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName	Value	operatorComments.failedEquipment
			failedEquipment	event					
activityDetails			fields	failedEquipment					For logic, see the following figure.
			value	fields					
			v[1]	value					
			v[2]	value					
			name	value					
			ConnectivityProperties	execute					
			Plugin	ConnectivityProperties					
nms_instanceId	activities.definitions.getActivitySchema	String	ConnectionId	Plugin		OUTL-BRT-NMS_OFSC_InstanceIDToBucket	NMS_InstanceID	NMS_ConnectionID	Retrieve NMS instance

```
FOR EACH ROW in GetFailedEquipmentLookup
   IF ROWDATA[4] EXIST in GetActivityDetailsResponse THEN
      IF OFS-Values-Found THEN
         IF ROWDATA[2] = 'TimeStamp' THEN
            v[1] = ROWDATA[2]
            v[2] = CONVERT OFS Timestamp into NMS format
            name = ROWDATA[1]
         ELSE
            v[1] = ROWDATA[2]
            v[2] = OFS Value
            name = ROWDATA[1]
```

Activity Process (Oracle Utilities Network Management System Initiated)

This section describes data mapping for the following:

- callAsyncProcessor Mapping
- response Mapping

callAsyncProcessor Mapping

NMS Request Message			OIC Activity Async Processor Request			DVM Mapping				Comments
								Oracle Utilities Network Management System Column	Oracle Field Service Column	
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name				
execute		OutermostTag	POST		OutermostTag					
request_wrapper	execute	Group	request_wrapper	POST	Group					
header	request_wrapper	Group	header	request_wrapper	Group					
event	request_wrapper	Group	event	request_wrapper	Group					
activity	request_wrapper	Group	activity	request_wrapper	Group					

response Mapping

NMS Request Message			OIC Activity Async Processor			DVM Mapping				Comments
								Oracle Utilities Network Management System Column	Oracle Field Service Column	
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name				
execute		OutermostTag	executeResponse		OutermostTag					
request_wrapper	execute	Group	request_wrapper	POST	Group					
header	request_wrapper	Group	error	request_wrapper	Group					

NMS Request Message			OIC Activity Async Processor			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
			value	request_wrapper	Group				"Request submitted"
Message Id	header	Field	id	request_wrapper	Group				
			errorCode						"DEFERRED"
			errorTime						Current datetime in Z format

On Error

FaultObject			OIC Activity Async Processor			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
FaultObject		OutermostTag	error	request_wrapper	Group				
errorCode			value	request_wrapper	Group				Fault details
reason			id	request_wrapper	Group				
details			errorCode						"ERROR"
			errorTime						Current datetime in Z format

Activity Created (Oracle Field Service Cloud Initiated)

This section describes data mapping for the following:

- Get OFS Activity Mapping
- Create Activity in NMS Mapping
- Update Activity in OFS Mapping
- Update Activity in NMS Mapping

Get OFS Activity Mapping

OIC ActivityCreated Request Message			OFSC GetActivity Data Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
notify_POST		Outerm osttag	canonical_GET		Outerm osttag				GET getActivity Details
activityEvent	notify_POST		Template Parameters	canonical_GET	Group				
activityChanges	activityEvent	Group							
travelTime	activityChanges	String							
status	activityChanges	String							
startTime	activityChanges	String							
activityDetails	activityEvent	Group							
activityId	activityDetails	String	activityId	TemplateParameters	String				
apptNumber	activityDetails	String							
date	activityDetails	String							
resourceId	activityDetails	String							
eventType	activityEvent	Group							

OIC ActivityCreated Request Message			OFSC GetActivity Data Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
time	activityEvent	String							
user	activityEvent	String							

Create Activity in NMS Mapping

OFS GetActivityDetails Response Message			NMS CreateActivity Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
canonical_GETResponse		Outermosttag	execute		Outermosttag				createActivities
activities.definitions.getActivitySchema	canonical_GETResponse	Group	request-wrapper	execute	Group				
			topLevelArray	request-wrapper	Group				
activityId	activities.definitions.getActivitySchema	Integer	externalId	topLevelArray	String				
			action	topLevelArray	String				"CREATE"
nms_event_id	activities.definitions.getActivitySchema	String	eventIdx	topLevelArray	String				
activityType	activities.definitions.getActivitySchema	String	type	topLevelArray	String				
teamResourceId	activities.definitions.getActivitySchema	String	crewId	topLevelArray	String				
			state	topLevelArray	String				"INITIAL" or "DISPATCHED"

OFS GetActivityDetails Response Message			NMS CreateActivity Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
			ConnectivityProperties	execute					
			Plugin	ConnectivityProperties					
nms_instanceId	activities.definitions.getActivitySchema	String	ConnectionId	Plugin		OUTL-BRT-NMS_OFSC_InstanceIDToBucket	NMS_InstanceID	NMS_ConnectionID	Retrieve NMS instance

Update Activity in OFS Mapping

OIC ActivityCreated Request Message			OFS Update Activity Details Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
notify_POST		Outermosttag	update_PATCH		Outermosttag				Activity/Update Activity
activityEvent	notify_POST		Template Parameters	update_PATCH	Group				
activityDetails	activityEvent	Group							
activityId	activityDetails	String	activityId	TemplateParameters	Integer				

NMS CreateActivity Response Message			OFS Update Activity Details Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
executeResponse		Outermosttag	activities. definitions.update ActivitySchema	update_PATCH	String				
response-wrapper	executeResponse	Group							
id	response-wrapper	Group							
Value	id	String	apptNumber	activities.definitions. updateActivity Schema					

Update Activity in NMS Mapping

OFSC GetActivityDetails Response Message			NMS CreateActivity Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
canonical_GETResponse		Outermosttag	execute		Outermosttag				updateActivities
activities.definitions.getActivitySchema	canonical_GETResponse	Group	request-wrapper	execute	Group				
			topLevelArray	request-wrapper	Group				
apptNumber	activities.definitions .getActivitySchema	Field	id	topLevelArray	Field				
activityId	activities.definitions .getActivitySchema	Field	externalId	topLevelArray	Field				
			action	topLevelArray	Field				"UPDATE"

OFSC GetActivityDetails Response Message			NMS CreateActivity Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
nms_event_id	activities.definitions .getActivitySchema	Field	eventIdx	topLevelArray	Field				
teamResourceId	activities.definitions .getActivitySchema	Field	state	topLevelArray	Field				"INITIAL" or "DISPATCHED " Based on presence of teamResourceId
			ConnectivityProper ties	execute					
			Plugin	ConnectivityPropert ies					
nms_instanceId	activities.definitions .getActivitySchema	Field	ConnectionId	Plugin		OUTL-BRT-NMS_OFSC_ InstanceIDTo Bucket	NMS_InstanceID	NMS_Connect ionID	Retrieve NMS instance

Update Activity (Oracle Field Service Initiated)

This section describes data mapping for the following:

OFSCActEvnt2GetActDetails Mapping

OFS Activity Event Receive Message			OFS Get ActivityDetails Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
notify_POST		Outerm osttag	canonical_GET		Outerm osttag				
events.definitions. activityEvent	notify_POST	Group	Template Parameters	canonical_GET	Group				
activityDetails	events.definitions. activityEvent	Group							
activityId	activityDetails	String	activityId	TemplateParameters	String				

NMSUpdateEvent Mapping

OFS Activity Event Receive Message OFS Get ActivityDetails Response Message			NMS Update Event Request Message (If Activity Updated)			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column	Oracle Utilities Network Management System Column	
notify_POST		Outermosttag	Request -Wrapper		Outermosttag				updateEvents
events.definitions.activityEvent	notify_POST	Group	topLevelArray	Request-Wrapper	Group				
activityDetails	events.definitions.activityEvent	Group							
apptNumber	activityDetails	String	activityId	topLevelArray	Field				
resourceid	activityDetails	String	crewId	topLevelArray	Field				if resourceId present
activityChanges	events.definitions.activityEvent	Group			Group				
			event	topLevelArray	Group				
nms_event_actualRestoreTime	activityChanges	String	restoreTime	Event	Field				if present: Formatted in NMS DateTime format
nms_event_estimatedRestoreTime	activityChanges	String	ert	Event	Field				if present: Formatted in NMS DateTime format
nms_event_operatorComment	activityChanges	String	operatorComment	Event	Field				if present
nms_device_confirmation	activityChanges	String	deviceConfirmation	topLevelArray	Field				if present

OFS Activity Event Receive Message OFS Get ActivityDetails Response Message			NMS Update Event Request Message (If Activity Updated)			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column	Oracle Utilities Network Management System Column	
nms_restoration	activityChanges	String	restoration	topLevelArray	Field				Hardcode to "true" when nms_restoration =1. Else, "False".
canonical_GET Response		Outerm osttag							
activities.definitions.g etActivitySchema	canonical_GETRes ponse	Group							
nms_deviceAlias	activities.definitions .getActivitySchema	String	deviceAlias	Top-level Array/ Event	Field				
			Connectivity Properties						
			Plugin	ConnectivityPropert ies					
nms_instanceId	activities.definitions .getActivitySchema	String	ConnetionId	Plugin		OUTL-BRT-NMS_OFSC_ InstanceIDTo Bucket	NMS_InstanceID	NMS_Connect ionID	

callOFSAttachmentIntegration Mapping

OFSC Activity Event Receive Message			OIC API Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column	Oracle Utilities Network Management System Column	
notify_POST		Outermosttag	POST		Outermosttag				
events.definitions.activityEvent	notify_POST	Group	request-wrapper	POST	Group				
activityDetails	events.definitions.activityEvent	Group							
activityId	activityDetails	Field	activityId	request-wrapper	Field				
apptNumber	activityDetails	Field	apptNumber	request-wrapper	Field				
activityChanges	events.definitions.activityEvent	Group	activityChanges	request-wrapper	Group				
nms_attachment_[1..10]	activityChanges	Field	fieldname	activityChanges	Field				parse element name()
nms_attachment_[1..10]	activityChanges	Field	fieldValue	activityChanges	Field				

OFSC Get ActivityDetails Response Message			OIC API Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column	Oracle Utilities Network Management System Column	
canonical_GETResp onse		Outerm osttag							
activities.definitions.g etActivitySchema	canonical_GETRes ponse	Group							
nms_event_id	activities.definitions .getActivitySchema	Field	nms_event_id	request-wrapper	Field				
nms_instanceId	activities.definitions .getActivitySchema	Field	nms_instanceId	request-wrapper	Field				
nms_attach_output	activities.definitions .getActivitySchema	Field	nms_attachments	request-wrapper	Field				
nms_attachment_[1.. 10]	activities.definitions .getActivitySchema	Group							
links	nms_attachment_[1 ..10]	Group							

OFSC Get ActivityDetails Response Message			OIC API Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column	Oracle Utilities Network Management System Column	
mediaType	links	Field	mediaType	activityChanges	Field				Retrieve mediaType based on the changed ElementName found in the incoming event update. The mediatype is stored in the "alternate" links type group which is also the only group with a mediaType.

NMSUpdateActivity(STARTorSUS) Mapping

OFS Activity Event Receive Message / OFS Get ActivityDetails Response Message			NMS Update Activity Request Message (Activity Started/Suspended)			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column	Oracle Utilities Network Management System Column	
notify_POST		Outerm osttag	request-wrapper		Outerm osttag				updateActivities
events.definitions.activityEvent	notify_POST	Group	topLevelArray	Request-Wrapper	Group				

OFS Activity Event Receive Message OFS Get ActivityDetails Response Message			NMS Update Activity Request Message (Activity Started/Suspended)			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column	Oracle Utilities Network Management System Column	
eventType	events.definitions.activityEvent	String	state	topLevelArray	Field	OUTL-BRT-NMS_OFSC_ActivityStatus	OFSC_EventType	NMS_ActivityStatus	
activityDetails	events.definitions.activityEvent	Group							
resourceId	activityDetails	String	crewId	topLevelArray	Field				
canonical_GETResponse		Outermosttag							
activities.definitions.getActivitySchema	canonical_GETResponse	Group							
activityType	activities.definitions.getActivitySchema	String	type	topLevelArray	Field				
apptNumber	activities.definitions.getActivitySchema	String	id	topLevelArray	Field				
activityId	activities.definitions.getActivitySchema	String	externalId	topLevelArray	Field				
			ConnectivityProperties						
			Plugin	ConnectivityProperties					
nms_instanceId	activities.definitions.getActivitySchema	String	ConnetionId	Plugin		OUTL-BRT-NMS_OFSC_InstanceIDToBucket	NMS_InstanceID	NMS_ConnectionID	

OICReadFELookup Mapping

OIC API Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**DVM Name**	**Column 1**	**Column 2**	
execute		Outermosttag				GET /ic/api/integration/v1/ lookups/ {lookupName}
TemplateParameters	execute					
lookupName	TemplateParameters					Lookup name is "OUTL-BRT-NMS_OIC_FailedEquipCaching_DND"
request-wrapper	execute	Group				
columns	request-wrapper	String				Hardcoded "NMS_FIELDNAME"
columns	request-wrapper	String				Hardcoded "NMS_DATATYPE"
columns	request-wrapper	String				Hardcoded "NMS_LENGTH"
columns	request-wrapper	String				Hardcoded "OFS_FIELDNAME"
columns	request-wrapper	String				Hardcoded "OFS_LABEL"
rows	request-wrapper	Array				
rowData	rows	String				
rowData	rows	String				
rowData	rows	String				
rowData	rows	String				
rowData	rows	String				
name	request-wrapper	String				Lookup name is "OUTL-BRT-NMS_OIC_FailedEquipCaching_DND"

NMSUpdateEvent(CMP) Mapping

Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column	Oracle Utilities Network Management System Column	Comments
canonical_GETResponse		Outermosttag	request-wrapper		Outermosttag				
activities.definitions.getActivitySchema	canonical_GETResponse	Group	topLevelArray		Group				
resourceId	activities.definitions.getActivitySchema	String	crewId	topLevelArray	Field				
apptNumber	activities.definitions.getActivitySchema	String	activityId	topLevelArray	Field				
nms_event_actualRestoreTime	activities.definitions.getActivitySchema	String	restoration	topLevelArray	Field				Hard code to "true" if nms_event_actualRestoreTime !=""
			cancellation	topLevelArray	Field				Hard code to "false"
nms_cancel_reason	activities.definitions.getActivitySchema	String	cancelReason	topLevelArray	Field				
			event	topLevelArray	Group				
nms_event_id	activities.definitions.getActivitySchema	String	id	event	Field				
nms_deviceAlias	activities.definitions.getActivitySchema	String	deviceAlias	event	Field				
nms_event_phases	activities.definitions.getActivitySchema	String	phases	event	Field				

OFSC Get Activity Details Response Message Event Details(var) Failed Equipment Details(var)			NMS Update Event Request Message (Activity Completed)			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column	Oracle Utilities Network Management System Column	
nms_feederName	activities.definitions .getActivitySchema	String	feederName	event	Field				
nms_event_actualRe storeTime	activities.definitions .getActivitySchema	String	restoreTime	event	Field				If present: Formatted in NMS DateTime format
nms_event_estimate dRestoreTime	activities.definitions .getActivitySchema	String	ert	event	Field				Formatted in NMS DateTime format
nms_event_operator Comment	activities.definitions .getActivitySchema	String	operatorComment	event	Field				
			eventDetails	event	Group				
fieldnames starting with nms_{nms_event_ca tegory}_			details	eventDetails	Group				Iterate for each eventDetails details values
			v[1]	details	Field				hardcoded as "java.lang.String"
field value			v[2]	details	Field				values found from OFS GetActivityDetai ls
fieldname after nms_{nms_event_ca tegory}_			name	details	Field				

OFSC Get Activity Details Response Message Event Details(var) Failed Equipment Details(var)			NMS Update Event Request Message (Activity Completed)			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column	Oracle Utilities Network Management System Column	
			failedEquipment	event	Group				Iterate for each failedEquipment rows in Lookup and retrieve from GetActivityDetails elements.
			fields	faileEquipment	Group				
			v[1]	fields	Field				ROWDATA[2]
			v[2]	fields	Field				OFS value,date formatted if needed
			name	fields	Field				ROWDATA[1]
			ConnectivityProperties						
			Plugin	ConnectivityProperties					
nms_instanceId	activities.definitions.getActivitySchema	String	ConnetionId	Plugin		OUTL-BRT-NMS_OFSC_InstanceIDToBucket	NMS_InstanceID	NMS_ConnectionID	

NMSUpdateActivity(CMP) Mapping

OFS Activity Event Receive Message / OFS Get ActivityDetails Response Message"			NMS Update Activity Request Message (Activity Completed)			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column	Oracle Utilities Network Management System Column	
notify_POST		Outermosttag	request-wrapper		Outermosttag				updateActivities
events.definitions.activityEvent	notify_POST	Group	topLevelArray	Request-Wrapper	Group				
eventType	events.definitions.activityEvent	String	state	topLevelArray	Field	OUTL-BRT-NMS_OFSC_ActivityStatus	OFSC_EventType	NMS_ActivityStatus	
activityDetails	events.definitions.activityEvent	Group							
activityId	activityDetails	String	externalId	topLevelArray	Field				
resourceId	activityDetails	String	crewId	topLevelArray	Field				
apptNumber	activityDetails	String	id	topLevelArray	Field				
eventType	events.definitions.activityEvent	String	action	topLevelArray	Field	OUTL-BRT-NMS_OFSC_ActivityStatus	OFSC_EventType	NMS_ActionCode	
canonical_GETResponse		Outermosttag							
activities.definitions.getActivitySchema	canonical_GETResponse	Group							
			ConnectivityProperties						
			Plugin	ConnectivityProperties					

OFS Activity Event Receive Message OFS Get ActivityDetails Response Message"			NMS Update Activity Request Message (Activity Completed)			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column	Oracle Utilities Network Management System Column	
nms_instanceId	activities.definitions .getActivitySchema	String	ConnetionId	Plugin		OUTL-BRT-NMS_OFSC_ InstanceIDTo Bucket	NMS_InstanceID	NMS_Connect ionID	

NMSUpdateEvent(CNLorNOTDONE) Mapping

OFS Get ActivityDetails Response Message			NMS Update Event Request Message (Activity Cancelled/NotDone)			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column	Oracle Utilities Network Management System Column	
canonical_GETResp onse		Outerm osttag	request-wrapper		Outerm osttag				updateEvents
activities.definitions.g etActivitySchema	canonical_GETRes ponse	Group	topLevelArray		Group				
resourceId	activities.definitions .getActivitySchema	String	crewId	topLevelArray	Field				
apptNumber	activities.definitions .getActivitySchema	String	activityId	topLevelArray	Field				
			cancellation	topLevelArray	Field				Hard code to "true"
nms_cancel_reason	activities.definitions .getActivitySchema	String	cancelReason	topLevelArray	Field				

OFS Get ActivityDetails Response Message			NMS Update Event Request Message (Activity Cancelled/NotDone)			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column	Oracle Utilities Network Management System Column	
			ConnectivityProperties						
			Plugin	ConnectivityProperties					
nms_instanceId	activities.definitions.getActivitySchema	String	ConnetionId	Plugin		OUTL-BRT-NMS_OFSC_InstanceIDToBucket	NMS_InstanceID	NMS_ConnectionID	

NMSUpdateActivity(CNLorNOTDONE) Mapping

OFS Activity Event Receive Message OFS Get ActivityDetails Response Message			NMS Update Acticty Request Message (Activity Cancelled/NotDone)			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column	Oracle Utilities Network Management System Column	
notify_POST		Outermosttag	request-wrapper		Outermosttag				updateActivitities
events.definitions.activityEvent	notify_POST	Group	topLevelArray	Request-Wrapper	Group				
eventType	events.definitions.activityEvent	String	state	topLevelArray	Field	OUTL-BRT-NMS_OFSC_ActivityStatus	OFSC_EventType	NMS_ActivityStatus	

OFS Activity Event Receive Message OFS Get ActivityDetails Response Message			NMS Update Acticty Request Message (Activity Cancelled/NotDone)			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column	Oracle Utilities Network Management System Column	
activityDetails	events.definitions.activityEvent	Group							
activityId	activityDetails	String	externalId	topLevelArray	Field				
resourceId	activityDetails	String	crewId	topLevelArray	Field				
apptNumber	activityDetails	String	id	topLevelArray	Field				
eventType	events.definitions.activityEvent	String	action	topLevelArray	Field	OUTL-BRT-NMS_OFSC_ActivityStatus	OFSC_EventType	NMS_ActionCode	
canonical_GETResponse		Outermosttag							
activities.definitions.getActivitySchema	canonical_GETResponse	Group							
			ConnectivityProperties						
			Plugin	Connectivity Properties					
nms_instanceId	activities.definitions.getActivitySchema	String	ConnetionId	Plugin		OUTL-BRT-NMS_OFSC_InstanceIDToBucket	NMS_InstanceID	NMS_ConnectionID	

OFSCActReceive2GetRsrcType Mapping

OFS Activity Event Receive Message			OFSC Get Resource Type Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
notify_POST		Outerm osttag	canonical_GET		Outerm osttag				/ofscMetaData/ v1/ resourceTypes
events.definitions. activityEvent	notify_POST	Group	Template Parameters	canonical_GET	Group				
activityChanges	events.definitions. activityEvent	Group							
resourceId	activityChanges	String	resourceId	TemplateParameters	String				

NMSUpdateActivity(MOVED) Mapping

OFS Activity Event Receive Message OFS Get ActivityDetails Response Message			NMS Update Activity Request Message (Activity Moved)			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Field Service Column**	**Oracle Utilities Network Management System Column**	
notify_POST		Outerm osttag	request-wrapper		Outerm osttag				updateActivities
events.definitions.acti vityEvent	notify_POST	Group	topLevelArray	Request-Wrapper	Group				
activityChanges	events.definitions.a ctivityEvent	Group							

OFS Activity Event Receive Message OFS Get ActivityDetails Response Message			NMS Update Activity Request Message (Activity Moved)			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column	Oracle Utilities Network Management System Column	
			state	topLevelArray	Field				Map with the variable 'crewStaus' . (**crewStaus is 'DISPATCHED' or 'NO_CREW' depending on the resourceType**)
resourceId	activityChanges	String	crewId	topLevelArray	Field				Map resourceId if crewStatus = 'DISPATCHED'
canonical_GETResponse		Outermosttag							
activities.definitions.getActivitySchema	canonical_GETResponse	Group							
activityId	activities.definitions.getActivitySchema	String	externalId	topLevelArray	Field				
apptNumber	activities.definitions.getActivitySchema	String	id	topLevelArray	Field				
activityType	activities.definitions.getActivitySchema	String	type	topLevelArray	Field				
			ConnectivityProperties						
			Plugin	ConnectivityProperties					

OFS Activity Event Receive Message OFS Get ActivityDetails Response Message			NMS Update Activity Request Message (Activity Moved)			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column	Oracle Utilities Network Management System Column	
nms_instanceId	activities.definitions .getActivitySchema	String	ConnectionId	Plugin		OUTL-BRT-NMS_OFSC_ InstanceIDTo Bucket	NMS_InstanceID	NMS_ ConnectionID	

Update Event Details (Oracle Field Service Initiated)

This section describes data mapping for the following:

- OFS Get Activity Details Mapping
- OFS Update Activity Details Mapping
- NMS Event Details Update Mapping

OFS Get Activity Details Mapping

OFS Event Details Receive Message			OFS Get ActivityDetails Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
forms.eventDetails		Outerm osttag	canonical_GET		Outerm osttag				Activty/Get Activity
activityDetails	forms.eventDetails	Group	Template Parameters	canonical_GET	Group				
activityId	activityDetails	Integer	activityId	TemplateParameters	Integer				

OFS Update Activity Details Mapping

OFSC Event Details Receive Message OFSC Get ActivityDetails Response Message			OFS Update ActivityDetails Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
forms.eventDetails		Outerm osttag	update_Patch		Outerm osttag				Activity/ Update Activity
activityDetails	forms.eventDetails	Group	Template Parameters	update_Patch	Group				

OFSC Event Details Receive Message OFSC Get ActivityDetails Response Message			OFS Update ActivityDetails Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
activityId	activityDetails	Integer	activityId	TemplateParameters	Integer				
canonical_ GETResponse		Outerm osttag							
activities.definitions. getActivitySchema	canonical_ GETResponse	Group	activities.definition s.updateActivity Schema	update_Patch	Group				
nms_event_id	activities.definitions .getActivitySchema	String	nms_REF-ID	activities.definitions. updateActivity Schema	String				

NMS Event Details Update Mapping

OFSC Event Details Receive Message OFSC Get ActivityDetails Response Message			NMS Event Details Update Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
canonical_GETResp onse		Outerm osttag	request-wrapper		Outerm osttag				updateEvents
activities.definitions.g etActivitySchema	canonical_GETRes ponse	Group	topLevelArray		Group				
apptNumber	activities.definitions .getActivitySchema	String	activityId	topLevelArray	String				
forms.eventDetails		Outerm osttag							
activityDetails	forms.eventDetails	Group							

OFSC Event Details Receive Message OFSC Get ActivityDetails Response Message			NMS Event Details Update Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
			Event	topLevelArray	Group				
			operatorComment	Event		OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName	Value	operatorComments.eventDetails
			Event Details	Event	Group				
			Details	Event Details	Group				
			Value	Details	Group				
value	forms.eventDetails	Field Value	V	Value	String				java.lang.String
concat('nms_', $category, '_', lower-case(name))	forms.eventDetails	Field Value	V	Value	String				
concat('nms_', $category, '_', lower-case(name))	forms.eventDetails	Field	Name	Value	String				In OFSC the element name is combination of nms_, nms_category_name and nms field name. While mapping to NMS, nms_category_name is trimmed from the field name
			ConnectivityProperties	execute					

OFSC Event Details Receive Message OFSC Get ActivityDetails Response Message			NMS Event Details Update Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
			Plugin	ConnectivityProperties					
nms_instanceId	activities.definitions .getActivitySchema	String	ConnectionId	Plugin		OUTL-BRT-NMS_OFSC_ InstanceIDTo Bucket	NMS_InstanceID	NMS_Connect ionID	Retrieve NMS instance

Resource Created/Updated (Oracle Field Service Initiated)

This section describes data mapping for the following:

Resource Created/Updated Mapping

OIC ResourceCreated/Updated Request Message						DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
notify_POST		Outerm osttag							
resourceEvent	notify_POST								
user	resourceEvent	String							
applicationId	resourceEvent	String							
time	resourceEvent	String							
eventType	resourceEvent	String							
resourceDetails	resourceEvent	Group							

OIC ResourceCreated/Updated Request Message						DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Work and Asset Management Column**	**Oracle Field Service Column**	
resourceInternalId	resourceDetails	String							
resourceId	resourceDetails	String							
name	resourceDetails	String							
resourceType	resourceDetails	String							
resourceChanges	resourceEvent	Group							
resourceId	resourceChanges	String							
organization	resourceChanges	String							
resourceInternalId	resourceChanges	String							
parentResourceInternalId	resourceChanges	String							
status	resourceChanges	String							
parentResourceId	resourceChanges	String							
resourceType	resourceChanges	String							
name	resourceChanges	String							
email	resourceChanges	String							
phone	resourceChanges	String							
language	resourceChanges	String							
languageISO	resourceChanges	String							
timeZoneDiff	resourceChanges	Integer							
timeZone	resourceChanges	String							
timeZoneIANA	resourceChanges	String							
dateFormat	resourceChanges	String							

OIC ResourceCreated/Updated Request Message						DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Work and Asset Management Column**	**Oracle Field Service Column**	
timeFormat	resourceChanges	String							
durationStatisticsInitialRatio	resourceChanges	Double							
durationStatisticsInitialPeriod	resourceChanges	Integer							
Resource_0x737063_type	resourceChanges	String							
tech_photo	resourceChanges	Group							
links	tech_photo	Group							
rel	links	String							
href	links	String							
mediaType	links	String							
gender	resourceChanges	String							
credence	resourceChanges	String							
wam_resource_address	resourceChanges	String							
wam_resource_source	resourceChanges	String							
wam_resource_lastUpdateDttm	resourceChanges	String							
nms_resource	resourceChanges	String							
common_utilities_resource_code	resourceChanges	String							

Get OFS Resource Mapping

OIC ResourceCreated/Updated Request Message			OFSC GetActivity Data Request Message			DVM Mapping			Comments
							Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name			
OIC ResourceCreated/ Updated Request Message			canonical_GET		Outerm osttag				GET Resource/ Get Resource
Element Name	Parent Element	Type	Template Parameters	canonical_GET	Group				
notify_POST		Outerm osttag							
resourceEvent	notify_POST								
user	resourceEvent	String							
applicationId	resourceEvent	String							
time	resourceEvent	String							
eventType	resourceEvent	String							
resourceDetails	resourceEvent	Group	resourceId	TemplateParameters	String				
resourceInternalId	resourceDetails	String							
resourceId	resourceDetails	String							
name	resourceDetails	String							
resourceType	resourceDetails	String							
resourceChanges	resourceEvent	Group							
resourceId	resourceChanges	String							
organization	resourceChanges	String							
resourceInternalId	resourceChanges	String							

OIC ResourceCreated/Updated Request Message			OFSC GetActivity Data Request Message			DVM Mapping			Comments
							Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name			
parentResourceInternalId	resourceChanges	String							
status	resourceChanges	String							
parentResourceId	resourceChanges	String							
resourceType	resourceChanges	String							
name	resourceChanges	String							
email	resourceChanges	String							
phone	resourceChanges	String							
language	resourceChanges	String							
languageISO	resourceChanges	String							
timeZoneDiff	resourceChanges	Integer							
timeZone	resourceChanges	String							
timeZoneIANA	resourceChanges	String							
dateFormat	resourceChanges	String							
timeFormat	resourceChanges	String							
durationStatisticsInitialRatio	resourceChanges	Double							
durationStatisticsInitialPeriod	resourceChanges	Integer							
Resource_0x737063_type	resourceChanges	String							
tech_photo	resourceChanges	Group							
links	tech_photo	Group							

OIC ResourceCreated/Updated Request Message			OFSC GetActivity Data Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
rel	links	String							
href	links	String							
mediaType	links	String							
gender	resourceChanges	String							
credence	resourceChanges	String							
wam_resource_addre ss	resourceChanges	String							
wam_resource_sourc e	resourceChanges	String							
wam_resource_lastU pdateDttm	resourceChanges	String							
nms_resource	resourceChanges	String							
common_utilities_re source_code	resourceChanges	String							

Get OFS Resource Types Mapping

OFS GetResourceType Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
canonical_GET		Outermosttag				GET /rest/ofscMetadata/v1/ resourceTypes
TemplateParameters	canonical_GET	Group				
offset	TemplateParameters					If not passed = 0

OFS GetResourceType Request Message			DVM Mapping			Comments
				Oracle Utilities Work and Asset Management Column	**Oracle Field Service Column**	
Element Name	**Parent Element**	**Type**	**DVM Name**			
limit	TemplateParameters					If not passed = 100

Get NMS Instance URL Mapping

OIC ResourceCreated/Updated Request Message			OIC GetNMSInstanceURL Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Property**	**Value**	
notify_POST		Outerm osttag	execute		Outerm osttag				
resourceEvent	notify_POST		QueryParameters	execute	Group				
resourceId	resourceDetails	String	resourceId	QueryParameters	String				
			bucketDVM	QueryParameters	String	OUTL-BRT-NMS_OFSC_ConfigProps	findInstance.oic.LookupName	OUTL-BRT-NMS_OFSC_InstanceIDToBucket	
			sourceColumn	QueryParameters	String	OUTL-BRT-NMS_OFSC_ConfigProps	findInstance.oic.LookupSourceColumnName	OFSC_BucketID	
			targetColumn	QueryParameters	String	OUTL-BRT-NMS_OFSC_ConfigProps	findInstance.oic.LookupTargetColumnName	NMS_ConnectionID	
			notFoundValue	QueryParameters	String	OUTL-BRT-NMS_OFSC_ConfigProps	findInstance.oic.LookupNotFoundValue	NotFound	

Get OFS Resource Workskills Mapping

OIC ResourceCreated/Updated Request Message			OFS GetResourceWorkSkills Data Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Work and Asset Management Column**	**Oracle Field Service Column**	
notify_POST		Outerm osttag	canonical_GET		Outerm osttag				GET ofscCore/ v1/resources/ {resourceId}/ workSkills
resourceEvent	notify_POST		Template Parameters	canonical_GET	Group				
user	resourceEvent	String							
applicationId	resourceEvent	String							
time	resourceEvent	String							
eventType	resourceEvent	String							
resourceDetails	resourceEvent	Group							
resourceInternalId	resourceDetails	String							
resourceId	resourceDetails	String	resourceId	TemplateParameters	String				
name	resourceDetails	String							
resourceType	resourceDetails	String	QueryParameters	TemplateParameters					
resourceChanges	resourceEvent	Group	dateFrom	QueryParameters					current-dateTime YYYY-MM-DD - OFSC.timeZone Diff
resourceId	resourceChanges	String							
organization	resourceChanges	String							
resourceInternalId	resourceChanges	String							

OIC ResourceCreated/Updated Request Message			OFS GetResourceWorkSkills Data Request Message			DVM Mapping	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**			
parentResourceInternalId	resourceChanges	String							
status	resourceChanges	String							
parentResourceId	resourceChanges	String							
resourceType	resourceChanges	String							
name	resourceChanges	String							
email	resourceChanges	String							
phone	resourceChanges	String							
language	resourceChanges	String							
languageISO	resourceChanges	String							
timeZoneDiff	resourceChanges	Integer							
timeZone	resourceChanges	String							
timeZoneIANA	resourceChanges	String							
dateFormat	resourceChanges	String							
timeFormat	resourceChanges	String							
durationStatisticsInitialRatio	resourceChanges	Double							
durationStatisticsInitialPeriod	resourceChanges	Integer							
Resource_0x737063_type	resourceChanges	String							
tech_photo	resourceChanges	Group							

OIC ResourceCreated/Updated Request Message			OFS GetResourceWorkSkills Data Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Work and Asset Management Column**	**Oracle Field Service Column**	
links	tech_photo	Group							
rel	links	String							
href	links	String							
mediaType	links	String							
gender	resourceChanges	String							
credence	resourceChanges	String							
wam_resource_address	resourceChanges	String							
wam_resource_source	resourceChanges	String							
wam_resource_lastUpdateDttm	resourceChanges	String							
nms_resource	resourceChanges	String							
common_utilities_resource_code	resourceChanges	String							

Get OFS Workskill Details Mapping

OFSC GetResourceWorkSkills Data Response Message			OFSC GetWorkSkillDetails Data Request Message			DVM Mapping			Comments
							Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name			
executeResponse		Outerm osttag	execute		Outerm osttag				GET / ofscMetadata/ v1/workSkills/{ workSkillId }
response-wrapper	executeResponse	Group	Template Parameters	execute	Group				
items	response-wrapper	Group							
workSkill	items	String	workSkillId	TemplateParameters	String				See the following figure for logic about which workskillId should be used.
ratio	items	String							
startDate	items	String							
totalResults	response-wrapper	Group							
links	response-wrapper	Group							
rel	links	String							
href	links	String							

```
IF multiple active skills exist THEN

        IF non-temporary skills exist THEN

                Use the first non-temporary skill

        ELSE

                Use first temporary skills

        ENDIF

ELSE

        Use skill returned

ENDIF
```

Get OFS Resource Work Zones Mapping

OIC Resource Created/Updated Request Message			OFS Get Resource Work Skills Request Message			DVM Mapping			Comments
							Oracle Utilities Work and Asset Management	Oracle Field Service	
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Column	Column	
notify_POST		Outerm osttag	canonical_GET		Outerm osttag				GET Resource/ Get Resource Work Zones
resourceEvent	notify_POST		Template Parameters	canonical_GET	Group				
user	resourceEvent	String							
applicationId	resourceEvent	String							
time	resourceEvent	String							
eventType	resourceEvent	String							
resourceDetails	resourceEvent	Group							
resourceInternalId	resourceDetails	String							
resourceId	resourceDetails	String	resourceId	TemplateParameters	String				

OIC Resource Created/Updated Request Message			OFS Get Resource Work Skills Request Message			DVM Mapping			Comments
							Oracle Utilities Work and Asset Management Column	**Oracle Field Service Column**	
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**			
name	resourceDetails	String							
resourceType	resourceDetails	String							
resourceChanges	resourceEvent	Group							
resourceId	resourceChanges	String							
organization	resourceChanges	String							
resourceInternalId	resourceChanges	String							
parentResourceInternalId	resourceChanges	String	QueryParameters	canonical_GET	Group				
timeZoneDiff	resourceChanges	Integer	date	QueryParameters	String				current-dateTime YYYY-MM-DD - OFSC.timeZoneDiff
status	resourceChanges	String							
parentResourceId	resourceChanges	String							
resourceType	resourceChanges	String							
name	resourceChanges	String							
email	resourceChanges	String							
phone	resourceChanges	String							
language	resourceChanges	String							
languageISO	resourceChanges	String							
timeZone	resourceChanges	String							
timeZoneIANA	resourceChanges	String							

OIC Resource Created/Updated Request Message			OFS Get Resource Work Skills Request Message			DVM Mapping			Comments
							Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name			
dateFormat	resourceChanges	String							
timeFormat	resourceChanges	String							
durationStatisticsInitialRatio	resourceChanges	Double							
durationStatisticsInitialPeriod	resourceChanges	Integer							
Resource_0x737063_type	resourceChanges	String							
tech_photo	resourceChanges	Group							
links	tech_photo	Group							
rel	links	String							
href	links	String							
mediaType	links	String							
gender	resourceChanges	String							
credence	resourceChanges	String							
wam_resource_address	resourceChanges	String							
wam_resource_source	resourceChanges	String							
wam_resource_lastUpdateDttm	resourceChanges	String							
nms_resource	resourceChanges	String							
common_utilities_resource_code	resourceChanges	String							

Get OFS Resource Routes Mapping

OIC ResourceCreated/Updated Request Message			OFSC GetResourceRoute Request Message			DVM Mapping			Comments
							Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name			
notify_POST		Outerm osttag	canonical_GET		Outerm osttag				GET / ofscCore/v1/ resources/ {resourceId}/ routes/{date}
resourceEvent	notify_POST		Template Parameters	canonical_GET	Group				
user	resourceEvent	String							
applicationId	resourceEvent	String							
time	resourceEvent	String							
eventType	resourceEvent	String							
resourceDetails	resourceEvent	Group							
resourceInternalId	resourceDetails	String							
resourceId	resourceDetails	String	resourceId	TemplateParameters	String				
name	resourceDetails	String							
resourceType	resourceDetails	String							
resourceChanges	resourceEvent	Group							
resourceId	resourceChanges	String							
organization	resourceChanges	String							
resourceInternalId	resourceChanges	String							
parentResource InternalId	resourceChanges	String	QueryParameters	canonical_GET	Group				

OIC ResourceCreated/Updated Request Message			OFSC GetResourceRoute Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
timeZoneDiff	resourceChanges	Integer	date	TemplateParameters	String				current-dateTime YYYY-MM-DD - OFSC.timeZoneDiff
status	resourceChanges	String							
parentResourceId	resourceChanges	String							
resourceType	resourceChanges	String							
name	resourceChanges	String							
email	resourceChanges	String							
phone	resourceChanges	String							
language	resourceChanges	String							
languageISO	resourceChanges	String							
timeZone	resourceChanges	String							
timeZoneIANA	resourceChanges	String							
dateFormat	resourceChanges	String							
timeFormat	resourceChanges	String							
durationStatistics InitialRatio	resourceChanges	Double							
durationStatistics InitialPeriod	resourceChanges	Integer							
Resource_0x737063_ type	resourceChanges	String							
tech_photo	resourceChanges	Group							

OIC ResourceCreated/Updated Request Message			OFSC GetResourceRoute Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
links	tech_photo	Group							
rel	links	String							
href	links	String							
mediaType	links	String							
gender	resourceChanges	String							
credence	resourceChanges	String							
wam_resource_address	resourceChanges	String							
wam_resource_source	resourceChanges	String							
wam_resource_lastUpdateDttm	resourceChanges	String							
nms_resource	resourceChanges	String							
common_utilities_resource_code	resourceChanges	String							

Get NMS System Data Mapping

OIC Get Admin Data Request Message			NMS GetAdmin Data Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Source Column	Target Column	
			execute		Outerm osttag				getAdminData

OIC Get Admin Data Request Message			NMS GetAdmin Data Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Source Column**	**Target Column**	
			ConnectivityProperties						
			Plugin	Connectivity Properties					
			ConnectionId	Plugin		OUTL-BRT-NMS_OFSC_InstanceIDToBucket	OFSC_BucketID	NMS_ConnectionID	
						OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName	Value	"ofsc.bucket" as source

Upsert NMS Crew Mapping

OFSC GetResourceDetail Response Message			NMS UpsertCrew Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Work and Asset Management Column**	**Oracle Field Service Column**	
canonical_GET-Response		Outer-mosttag	execute		Outer-mosttag				createUpdate Crew
resources.definitions.resource	canonical_GET-Response		request_wrapper	execute	Group				
resourceId		String	crewName	request_wrapper	String				
phone		String	mobileNum	request_wrapper	String				
status		String							

OFSC GetResourceDetail Response Message			NMS UpsertCrew Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
			timeActivated	request_wrapper	String				If status = 'active' then timeActivated = current-dateTime in epoch format. Else, timeDeactivated = current-dateTime in epoch format.
			timeDeactivated	request_wrapper	String				
nms_crew_size		Integer	crewSize	request_wrapper	Integer				
OFSC GetWorkSkillDetails Response Message									
executeResponse		Outerm osttag							
response-wrapper	executeResponse	Group							
name	response-wrapper	String	crewType	request_wrapper	String				If not empty
OFSC GetResourceRoute Response Message									
executeResponse		Outerm osttag							
response-wrapper	executeResponse	Group							

OFSC GetResourceDetail Response Message			NMS UpsertCrew Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Work and Asset Management Column**	**Oracle Field Service Column**	
routeStartTime	response-wrapper	String	timeOnShift	request_wrapper	String				If incoming routeEndTime then timeOffShift = routeEndTime in epoch format. Else, if incoming routeReactivatio nTime then timeOnShift = routeReactivatio nTime in epoch format, else if incoming routeStartTime then timeOnShift = routeStartTime in epoch format else timeOffShift = current-dateTime in epoch format.
routeEndTime	response-wrapper	String	timeOnShift	request_wrapper	String				
routeReactivation Time	response-wrapper	String	timeOnShift	request_wrapper	String				

OFSC GetResourceWorkSkills Request Message									
workZonesResponse		Outerm osttag							
getResource WorkZones	workZones Response	Group							
items	getResourceWork Zones	Array							
workzone	items	String	zoneHdlIdx	request_wrapper	String				

OFSC GetResourceDetail Response Message			NMS UpsertCrew Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
NMS Get Admin Data Response Message									
$Get_AdminData		Outerm osttag							
response-wrapper	$Get_AdminData	Group							
controlZones	response-wrapper	Group							
name	controlZones	String	zoneName	request_wrapper	String				If 'workzone' found
ncg	controlZones	Integer							
ncgClass	controlZones	Integer	zoneHdlCls	request_wrapper	Integer				If 'workzone' found
			outOfRange	request_wrapper	Boolean	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "nms.crew.outOfRange"	Value = "true"	
			isAvailForOp	request_wrapper	Boolean	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "nms.crew.isAvailForOp"	Value = "true"	
			isMobileIntegrated	request_wrapper	Boolean	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "nms.crew.outOfRange"	Value = "true"	
			Connectivity Properties	execute					
OIC retrieveNMSinstanceURL Message Response									
GETResponse		Outerm osttag	Plugin	ConnectivityProperties					
components.schemas.response-wrapper	GETResponse	Group							

OFSC GetResourceDetail Response Message			NMS UpsertCrew Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
resourceValue	components.schemas.response-wrapper	String							
resourceBucket	components.schemas.response-wrapper	String							
targetValue	components.schemas.response-wrapper	String	ConnectionId	Plugin					$varBucketNMSinstanceURL = NMS_ConnectionId

Activity Asynchronous Processor (Oracle Field Service Initiated)

This section describes data mapping for the following:

- Get Resource Time Zone Mapping
- Invoke OFS Activity Mapping
- Search Activities Mapping
- Get OFS Activity Details(CMP) Mapping
- Replace Link Mapping
- Send to Common Error Handler Mapping
- Send Acknowledgment Message Mapping
- Invoke Cancel OFSC Activity Mapping
- Call NMS Attachment Integration Mapping

Get Resource Time Zone Mapping

OFSC GetResourceTimeZone Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
Template Parameters		OutermostTag				Resource/Get Resource
Template Parameters		Group				
resourceId	Template Parameters	Group	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName	ofsc.bucket	Map the OFS bucket name from OUTL-BRT-NMS_OFSC_ConfigProps dvm

Invoke OFS Activity Mapping

NMS Request Message			OFS Request Message			DVM Mapping				Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**		
activities		OutermostTag	bulkUpdate_POST		OutermostTag					Activity/Bulk Update Activity
			activities.definitions.customActionActivityBulkUpdateSchema	bulkUpdate_POST	Group					
			updateParameters	activities.definitions.customActionActivityBulkUpdateSchema	Group					
			activities	activities.definitions.customActionActivityBulkUpdateSchema	List					
			identifyActivityBy	updateParameters	string					Hard code with "apptNumber"
					string					
id	activities	Number	apptNumber	activities	string					
controlZone[1..10]	event	Group								

NMS Request Message			OFS Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
crewId	activities	String	resourceId	activities	string	OUTL-BRT-NMS_OFSC_InstanceIDToBucket	NMS_InstanceID	OFSC_BucketID	See the following figure for value date format: YYYY-MM-DD.
			date	activities	string	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName="ofsc.isScheduledForPreAssignedCrew	Value "true"	
instanceId	activities	String	nms_instanceId	activities	string				
type	activities	String	activityType	activities	string	OUTL-BRT-NMS_OFSC_ActivityType	NMS_ActivityType	OFSC_ActivityType	
controlZone[1..10]	event	Group				OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName="ofsc.workZone.default.FuzzyType	Value "NO_OUTAGE"	
ncg	controlZone[1..10]	String	nms_control_zone_key	activities	string	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName="ofsc.controlZone	Value	If type != fuzzyType, use the incoming ncg value for that defined control_zone property.
state	activities	String							
value	activities	String	status	activities	string	OUTL-BRT-NMS_OFSC_ActivityStatusChange	PropertyName="OFSC_ActivityStatusNew	Value	Property NMS_ActivityEventStatus equals state+value. If notfound, ignore target field.

NMS Request Message			OFS Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
			nms_activity_suspended	activities	string				Hardcode with 1 if status is filled
longitude	activities/ coordinates	String	longitude	activities	string				
latitude	activities/ coordinates	String	latitude	activities	string				
		String	common_utilities_ product_code	activities	string	OUTL-BRT-NMS_OFSC_ ConfigProps	PropertyName	Value	
serviceArea	activities	String	nms_serviceArea	activities	string				
dispAddress	event	String	streetAddress	activities	string				
comment	activities	String	nms_activity_comments	activities	string				
id	event	String	nms_event_id	activities	string				
active	event	String	nms_event_status	activities	string				
type	event	String	nms_event_type	activities	string	OUTL-BRT-NMS_OIC_E ventTypeCate goryCaching_ DND	PropertyName	Second	Retrieve using NMS Event Type field.
deviceAlias	event	String	nms_deviceAlias	activities	string				
nms_deviceLocation	event	String	location	activities	string				
nms_event_phases	event	String	phases	activities	string				
nms_feederName	event	String	feederName	activities	string				

NMS Request Message			OFS Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
beginTime	event	String	nms_event_beginTime	activities	string	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName	Value	Perform the date time zone conversion and format the date as configured in OUTL-BRT-NMS_OFSC_ConfigProps dvm for OFS.
firstCallTime	event	String	nms_event_firstCallTime	activities	string	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName	Value	Perform the date time zone conversion and format the date as configured in OUTL-BRT-NMS_OFSC_ConfigProps dvm for OFS.
restoreTime	event	String	nms_event_actualRestoreTime	activities	string	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName	Value	Perform the date time zone conversion and format the date as configured in OUTL-BRT-NMS_OFSC_ConfigProps dvm for OFS.

NMS Request Message			OFS Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
value	event/ert	String	nms_event_estimat edRestoreTime	activities	string	OUTL-BRT-NMS_OFSC_ ConfigProps	PropertyName	Value	Perform the date time zone conversion and format the date as configured in OUTL-BRT-NMS_OFSC_ ConfigProps dvm for OFS.
numCustOut	event	String	nms_numCustOut	activities	string				
critCCustOut	event	String	nms_critCCustOut	activities	string				
nms_critDCustOut	event	String	critDCustOut	activities	string				
nms_critKCustOut	event	String	critKCustOut	activities	string				
nms_numCalls	event	String	numCalls	activities	string				
nms_userNumCust Out	event	String	userNumCustOut	activities	string				
nms_weightedNumC ustOut	event	String	weightedNumCust Out	activities	string				
numLifeSupport	event	String	nms_numLifeSupp ort	activities	string				
priority	event	String	nms_priority	activities	string				
description	event	String	nms_event_desc	activities	string				
troubleCodeDesc	event	String	nms_event_trouble CodeDesc	activities	string				
cause	event	String	nms_event_cause	activities	string				

NMS Request Message			OFS Request Message			DVM Mapping			Comments
							Oracle Utilities Network Management System Column	Oracle Field Service Column	
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name			
jobComments	event	String	nms_event_jobComments	activities	string				Use the function get-content-as-string to read the content of the element.
dispAddress	event	String	nms_event_dispAddress	activities	string				
daStatus	event	String	nms_event_daStatus	activities	string				
troubleQueue	event	String	nms_event_troubleQueue	activities	string				
latitude	event/coordinates	String	nms_event_latitude	activities	string				
		String	nms_activity_ofscupdate	activities	string				Hard code with "0"
		String	nms_event_category	activities	string				Map the $category variable
			nms_event_incidents1	activities	string				Map the variable $incidents_node/icd_text[1]
			nms_event_incidents2	activities	string				Map the variable $incidents_node/icd_text[2]

NMS Request Message			OFS Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
			nms_event_incidents3	activities	string				Map the variable $incidents_node/icd_text[3]
			nms_event_incidents4	activities	string				Map the variable $incidents_node/icd_text[4]
			nms_event_incidents5	activities	string				Map the variable $incidents_node/icd_text[5]
longitude	event/coordinates	String	nms_event_longitude	activities	string				
v[2]	event/ eventDetails/ details/value	String	{concat('nms_', $category, '_', lower-case(nssrcdfl:name))}	activities	string				The OFSC element will be created as part of admin sync and the element name is combination of nms_category _name. If v[1] is java.sql.TimeStamp, then convert v[2] into OFS-DateFormat.

NMS Request Message			OFS Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
v[2]	event/ failedEquipment/ fields/value	String	{concat('nms_', nssrcdfl:name)}	activities	string				The OFSC element will be created as part of admin sync and the element name is combination of nms_name. If v[1] is java.sql.TimeSt amp, then convert v[2] into OFS-DateFormat.
			position	activities	string	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName=" ofsc.setPositionIn Route	Value "notOrdered"	

Search Activities Mapping

NMS Request Message			OFS Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
/orders									
			QueryParameters						Activity/ Search Activity
			searchInField	QueryParameters	String				Hard code "nms_event_i d"

NMS Request Message			OFS Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
id	event	String	searchForValue	QueryParameters	String				
			dateFrom	QueryParameters	String				Use the current-date function. Subtract - 21days Format the date: YYYY-MM-DD
			dateTo	QueryParameters	String				Use current-date function Format the date: YYYY-MM-DD
/orders/complete									
			QueryParameters						Activity/ Search Activity
			searchInField	QueryParameters	String				"apptNumber"
id	actvities	String	searchForValue	QueryParameters	String				
			dateFrom	QueryParameters	String				Use the current-date function and format the date.

NMS Request Message			OFS Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
			dateTo	QueryParameters	String				Use the current-date function and format the date.
			offset	QueryParameters	String				"0"
			limit	QueryParameters	String				"100"

Get OFS Activity Details(CMP) Mapping

NMS Request Message			OFSC GetActivity Data Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Work and Asset Management Column**	**Oracle Field Service Column**	
			canonical_GET		Outerm osttag				GET getActivityDet ails
			Template Parameters	canonical_GET	Group				
externalId	actvities	String	activityId	TemplateParameters	String				

Replace Link Mapping

NMS Request Message			OFSC Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
			Template Parameters						Activity/ Replace Activity Link
activityId	$searchResult/ items		activityId	TemplateParameters	String				
activityId	$activityResponse Data/otherData		linkedActivityId	TemplateParameters	String				
activities.linktype			linkType	TemplateParameters	String	OUTL-BRT-NMS_OFSC_ ConfigProps	PropertyName	Value	

Send to Common Error Handler Mapping

NMS Request Message			OIC NMS-OFS CommonErrorHandler Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
			POST		OutermostTag				
			request-wrapper	POST	Group				
			faultMessage	request-wrapper	Group				"Data Issue"
			reason	faultMessage	Field				
			code	faultMessage	Field				

NMS Request Message			OIC NMS-OFS CommonErrorHandler Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column	
instanceId			instanceId	faultMessage	Field				From runtime values
			syncErrorApp Name	faultMessage	Field	OUTL-BRT-NMS_OFSC_ ConfigProps	notification.type. email	Value	
$errorVar			details	faultMessage	Field				
			notificationTypes	faultMessage	Field				
			type	faultMessage	Field				"Business"
flowname+version			flowName	faultMessage	Field				from runtime values

Send Acknowledgment Message Mapping

NMS Request Message			OIC Activity Async Processor Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Network Management System Column	Oracle Field Service Column	
execute		Outermost Tag	executeResponse		Outermost Tag				ack
request_wrapper	execute	Group	request_wrapper	POST	Group				
header	request_wrapper	Group	errors	request_wrapper	Group				
			error	errors	List				
			value	error	Field				
			id	error	Field				

NMS Request Message			OIC Activity Async Processor Request Message			DVM Mapping			Comments
							Oracle Utilities Network Management System Column	**Oracle Field Service Column**	
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM**			
			errorCode	error	Field				
			errorTime	error	Field				
Message Id	header	Field	Message Id	request_wrapper	Field				
			Ack Type	request_wrapper	Field				"SUCCESS"
			When	request_wrapper	Field				Current datetime in Z format
			ConnectivityProperties	execute					
			Plugin	ConnectivityProperties					
instanceId			ConnectionId	Plugin		OUTL-BRT-NMS_OFSC_InstanceIDToBucket	NMS_InstanceID		Retrieve NMS instance

On Error									

FaultObject			OIC Activity Async Processor Request Message			DVM Mapping			Comments
							Oracle Utilities Network Management System Column	**Oracle Field Service Column**	
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM**			
			executeResponse		Outermost Tag				
FaultObject		Outermost Tag							

NMS Request Message			OIC Activity Async Processor Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Network Management System Column	Oracle Field Service Column	
errorCode			request_wrapper	POST	Group				
reason			errors	request_wrapper	Group				
details			error	errors	List				Fault details
			value	error	Field				
			id	error	Field				
			errorCode	error	Field				"ERROR"
			errorTime	error	Field				Current datetime in Z format
			Message Id	request_wrapper	Field				
			Ack Type	request_wrapper	Field				"ERROR"
			When	request_wrapper	Field				Current datetime in Z format
			ConnectivityProperties	execute					
			Plugin	ConnectivityProperties					
instanceId			BaseURI	Plugin		OUTL-BRT-NMS_OFSC_InstanceIDToBucket	NMS_InstanceID		Retrieve NMS instance

Invoke Cancel OFSC Activity Mapping

NMS Request Message			OFSC Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM**	**Oracle Utilities Network Management System Column**	**Oracle Field Service Column**	
topLevelArray		Outermost Tag	bulkUpdate_POST		OutermostTag				Activity/ Bulk Update Activity
			activities.definitions.customActionActivityBulkUpdateSchema	bulkUpdate_POST	Group				
			updateParameters	activities.definitions.customActionActivityBulkUpdateSchema	Group				
			activities	activities.definitions.customActionActivityBulkUpdateSchema	List				
			identifyActivityBy	updateParameters	string				apptNumber
			ifInFinalStatusThen	updateParameters	string				doNothing
			ifExistsThenDoNotUpdateFields	updateParameters	string				
			resourceId	activities	string				
			accessSchedule	activities	string				
			resourceInternalId	activities	integer				
			date	activities	string				
id	activities	Field	apptNumber	activities	string				

NMS Request Message			OFSC Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Network Management System Column	Oracle Field Service Column	
			status	activities	string				$varState
			nms_cancelledby	activities	string				"NMS"

Call NMS Attachment Integration Mapping

NMS Request Message			OIC NMS OFS Attachment Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Network Management System Column	Oracle Field Service Column	
activities		Outermost Tag	POST		OutermostTag				
request_wrapper	execute	Group	request_wrapper	POST	Group				
header	request_wrapper	Group	header	request_wrapper	Group				
Message Id	header	Field	Message Id	header	Field				
timestamp	header	Field	timestamp	header	Field				
event	request_wrapper	Group	event	request_wrapper	Group				
attachments	event	Group	attachments	event	Group				For each attachment
reportType	attachments	Field	reportType	attachments	Field				
fileName	attachments	Field	fileName	attachments	Field				
reportId	attachments	Field	reportId	attachments	Field				
length	attachments	Field	length	attachments	Field				
description	attachments	Field	description	attachments	Field				

NMS Request Message			OIC NMS OFS Attachment Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM	Oracle Utilities Network Management System Column	Oracle Field Service Column	
fileModifiedDae	attachments	Field	fileModifiedDae	attachments	Field				
documentId	attachments	Field	documentId	attachments	Field				
contentType	attachments	Field	contentType	attachments	Field				
uri	attachments	Field	uri	attachments	Field				
id	event	Field	id	event	Field				
activities	request-wrapper	Group	activities	request-wrapper	Group				
id	event	Field	eventIdx	activities	Field				
externalId	activities	Field	externalId	activities	Field				Use incoming or response from OFS BulkUpdate response
id	activities	Field	id	activities	Field				
instanceId	activities	Field	nms-instance	activities	Field				

Resources Sync (Oracle Field Service Initiated)

This section describes data mapping for the following:

- Get NMS System Data Mapping

- Get OFSC Resource Type Mapping

- Resource Created/Updated Mapping

- Get OFS Resources Mapping

- Get NMS Instance URL Mapping

- Get OFS Resource Workskills Mapping

- Get OFSC Workskill Details Mapping

- Get OFSC Resource Work Zones Mapping

- Get OFSC Resource Route Mapping

- Upsert NMS Crew Mapping

Get NMS System Data Mapping

OIC Get Admin Data Request Message			NMS GetAdmin Data Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management	Oracle Field Service Column	
			execute		Outerm osttag				getAdminData
			ConnectivityProper ties						
			Plugin	ConnectivityPropert ies					

OIC Get Admin Data Request Message			NMS GetAdmin Data Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Work and Asset Management**	**Oracle Field Service Column**	
			ConnectionId	Plugin		OUTL-BRT-NMS_OFSC_InstanceIDToBucket	OFSC_BucketID	NMS_ConnectionID	
						OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName	Value	"ofsc.bucket" as source

Get OFSC Resource Type Mapping

OFSC GetResourceType Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Work and Asset Management Column**	**Oracle Field Service Column**	
canonical_GET			Outermosttag			GET /rest/ofscMetadata/v1/resourceTypes
TemplateParameters	canonical_GET	Group				
offset	TemplateParameters					if not passed = 0
limit	TemplateParameters					if not passed = 100

Resource Created/Updated Mapping

OIC ResourceCreated/Updated Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Work and Asset Management Column**	**Oracle Field Service Column**	
notify_POST			Outermosttag			

OIC ResourceCreated/Updated Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Work and Asset Management Column**	**Oracle Field Service Column**	
resourceEvent	notify_POST					
user	resourceEvent	String				
applicationId	resourceEvent	String				
time	resourceEvent	String				
eventType	resourceEvent	String				
resourceDetails	resourceEvent	Group				
resourceInternalId	resourceDetails	String				
resourceId	resourceDetails	String				
name	resourceDetails	String				
resourceType	resourceDetails	String				
resourceChanges	resourceEvent	Group				
resourceId	resourceChanges	String				
organization	resourceChanges	String				
resourceInternalId	resourceChanges	String				
parentResourceInternalId	resourceChanges	String				
status	resourceChanges	String				
parentResourceId	resourceChanges	String				
resourceType	resourceChanges	String				
name	resourceChanges	String				
email	resourceChanges	String				
phone	resourceChanges	String				

| OIC ResourceCreated/Updated Request Message | | | DVM Mapping | | | Comments |
Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
language	resourceChanges	String				
languageISO	resourceChanges	String				
timeZoneDiff	resourceChanges	Integer				
timeZone	resourceChanges	String				
timeZoneIANA	resourceChanges	String				
dateFormat	resourceChanges	String				
timeFormat	resourceChanges	String				
durationStatistics InitialRatio	resourceChanges	Double				
durationStatistics InitialPeriod	resourceChanges	Integer				
Resource_0x737063_type	resourceChanges	String				
tech_photo	resourceChanges	Group				
links	tech_photo	Group				
rel	links	String				
href	links	String				
mediaType	links	String				
gender	resourceChanges	String				
credence	resourceChanges	String				
wam_resource_address	resourceChanges	String				
wam_resource_source	resourceChanges	String				
wam_resource_ lastUpdateDttm	resourceChanges	String				

OIC ResourceCreated/Updated Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
nms_resource	resourceChanges	String				
common_utilities_ resource_code	resourceChanges	String				
nms_crew_size	resourceChanges	Integer				

Get OFS Resources Mapping

OFS GetActivity Data Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	DVM Name	PropertyName	Value	
get_0x737063__0x736c6 8_rest_0x736c68_ofscCo re_0x736c68_v1_0x736c 68_resources		Outermosttag				GET Resource/Get Resources
QueryParameters	get_0x737063__0x736c6 8_rest_0x736c68_ofscCo re_0x736c68_v1_0x736c 68_resources	Group				
offset	QueryParameters	String				offset+limit
limit	QueryParameters	String	OUTL-BRT- NMS_OFSC_ ConfigProps	ofsc.resource Detail.loopLimit	100	default if not found = "100"

Get NMS Instance URL Mapping

OIC ResourceCreated/Updated Request Message			OIC GetNMSInstanceURL Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Property	Value	
notify_POST		Outermos ttag	execute		Outerm osttag				
resourceEvent	notify_POST		QueryParameters	execute	Group				
resourceId	resourceDetails	String	resourceId	QueryParameters	String				
			bucketDVM	QueryParameters	String	OUTL-BRT-NMS_OFSC_ConfigProps	findInstance.oic.LookupName	OUTL-BRT-NMS_OFSC_InstanceIDToBucket	
			sourceColumn	QueryParameters	String	OUTL-BRT-NMS_OFSC_ConfigProps	findInstance.oic.LookupSourceColumnName	OFSC_BucketID	
			targetColumn	QueryParameters	String	OUTL-BRT-NMS_OFSC_ConfigProps	findInstance.oic.LookupTargetColumnName	NMS_ConnectionID	
			notFoundValue	QueryParameters	String	OUTL-BRT-NMS_OFSC_ConfigProps	findInstance.oic.LookupNotFoundValue	NotFound	

Get OFS Resource Workskills Mapping

OFS Resources Responses Message			OFSC GetResourceWorkSkills Data Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management	Oracle Field Service Column	
get_0x737063__0x73 6c68_rest_0x736c68 _ofscCore_0x736c68 _v1_0x736c68_ resources		Outermos ttag	canonical_GET		Outerm osttag				GET ofscCore/v1/ resources/ {resourceId}/ workSkills
totalResults	get_...	Integer	Template Parameters	canonical_GET	Group				
offset	get_...	Integer							
limit	get_...	Integer							
items	get_...	String							
Resource_0x737063_ type	items	String							
gender	items	String							
credence	items	String							
wam_resource_ address	items	String							
wam_resource_ source	items	String							
wam_resource_ lastUpdateDttm	items	String							
nms_resource	items	String							
common_utilities_ resource_code	items	String							
timeZone	items	String							

OFS Resources Responses Message			OFSC GetResourceWorkSkills Data Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management	Oracle Field Service Column	
timeZoneIANA	items	String							
email	items	String							
phone	items	String							
name	items	String							
resourceType	items	String							
resourceId	items	String	resourceId	TemplateParameters	String				
resourceInternalId	items	String							
dateFormat	items	String	QueryParameters	TemplateParameters					
status	items	String	dateFrom	QueryParameters					current-dateTime YYYY-MM-DD - OFSC.timeZoneDiff
language	items	String							
parentResourceId	items	String							
timeFormat	items	String							
timeZoneDiff	items	Integer							
durationStatistics InitialRatio	items	Double							
durationStatistics InitialPeriod	items	Integer							
organization	items	String							
avatar	items	Group							

OFS Resources Responses Message			OFSC GetResourceWorkSkills Data Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management	Oracle Field Service Column	
links	avatar	Group							
rel	links	String							
href	links	String							
mediaType	links	String							
nms_crew_size	items	Integer							
eventType		String							
resourceDetails		Group							
resourceInternalId		String							
resourceId		String							
name		String							
resourceType		String							
resourceChanges		Group							
parentResource InternalId		String							
languageISO		String							

Get OFSC Workskill Details Mapping

OFSC GetResourceWorkSkills Data Response Message			OFSC GetWorkSkillDetails Data Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management	Oracle Field Service Column	
executeResponse		Outermos ttag	execute		Outerm osttag				GET ofscCore/v1/ resources/ {resourceId}/ workSkills
response-wrapper	executeResponse	Group	Template Parameters	execute	Group				
items	response-wrapper	Group							
workSkill	items	String	workSkillId	TemplateParameters	String				If multiple active skills exist, then if non-temporary skills exist, then use the first non-temporary skill. Else, use first temporary skills. Else, use the skill returened.
ratio	items	String							
startDate	items	String							
totalResults	response-wrapper	Group							
links	response-wrapper	Group							
rel	links	String							
href	links	String							

Get OFSC Resource Work Zones Mapping

OFS Resources Responses Message			OFSC GetResourceWorkZones Data Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Work and Asset Management**	**Oracle Field Service Column**	
get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_resources	get_...	Outermosttag	canonical_GET		Outermosttag				GET Resource/Get Resources Work Zones
totalResults	get_...	Integer	Template Parameters	canonical_GET	Group				
offset	get_...	Integer							
limit	get_...	Integer							
items	items	String							
Resource_0x737063_type	items	String							
gender	items	String							
credence	items	String							
wam_resource_address	items	String							
wam_resource_source	items	String							
wam_resource_lastUpdateDttm	items	String							
nms_resource	items	String							
common_utilities_resource_code	items	String							
timeZone	items	String							

OFS Resources Responses Message			OFSC GetResourceWorkZones Data Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Work and Asset Management**	**Oracle Field Service Column**	
timeZoneIANA	items	String							
email	items	String							
phone	items	String							
name	items	String							
resourceType	items	String							
resourceId	items	String	resourceId	TemplateParameters	String				
resourceInternalId	items	String							
dateFormat	items	String							
status	items	String							
language	items	String							
parentResourceId	items	String							
timeFormat	items	String	QueryParameters	canonical_GET	Group				
timeZoneDiff	items	Integer	dateFrom	TemplateParameters	String				current-dateTime YYYY-MM-DD - OFSC.timeZoneDiff
durationStatistics InitialRatio	items	Double							
durationStatistics InitialPeriod	items	Integer							
organization	items	String							
avatar	avatar	Group							

OFS Resources Responses Message			OFSC GetResourceWorkZones Data Request Message			DVM Mapping			Comments
							Oracle Utilities Work and Asset Management	Oracle Field Service Column	
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name			
links	links	Group							
rel	links	String							
href	links	String							
mediaType	items	String							
nms_crew_size		Integer							
eventType		String							
resourceDetails		Group							
resourceInternalId		String							
resourceId		String							
name		String							
resourceType		String							
resourceChanges		Group							
parentResource InternalId		String							
languageISO		String							

Get OFSC Resource Route Mapping

OIC ResourceCreated/Updated Request Message			OFSC GetResourceRoute Request Message			DVM Mapping			Comments
							Oracle Utilities Work and Asset Management	**Oracle Field Service Column**	
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**			
notify_POST		Outermos ttag	canonical_GET		Outerm osttag				GET / ofscCore/v1/ resources/ {resourceId}/ routes/{date}
resourceEvent	notify_POST		Template Parameters	canonical_GET	Group				
user	resourceEvent	String							
applicationId	resourceEvent	String							
time	resourceEvent	String							
eventType	resourceEvent	String							
resourceDetails	resourceEvent	Group							
resourceInternalId	resourceDetails	String							
resourceId	resourceDetails	String	resourceId	TemplateParameters	String				
name	resourceDetails	String							
resourceType	resourceDetails	String							
resourceChanges	resourceEvent	Group							
resourceId	resourceChanges	String							
organization	resourceChanges	String							
resourceInternalId	resourceChanges	String							
parentResource InternalId	resourceChanges	String	QueryParameters	canonical_GET	Group				

OIC ResourceCreated/Updated Request Message			OFSC GetResourceRoute Request Message			DVM Mapping			Comments
							Oracle Utilities Work and Asset	Oracle Field Service	
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Management	Column	
timeZoneDiff	resourceChanges	Integer	date	TemplateParameters					current-dateTime YYYY-MM-DD - OFSC.timeZoneDiff
status	resourceChanges	String							
parentResourceId	resourceChanges	String							
resourceType	resourceChanges	String							
name	resourceChanges	String							
email	resourceChanges	String							
phone	resourceChanges	String							
language	resourceChanges	String							
languageISO	resourceChanges	String							
timeZone	resourceChanges	String							
timeZoneIANA	resourceChanges	String							
dateFormat	resourceChanges	String							
timeFormat	resourceChanges	String							
durationStatistics InitialRatio	resourceChanges	Double							
durationStatistics InitialPeriod	resourceChanges	Integer							
Resource_0x737063_ type	resourceChanges	String							
tech_photo	resourceChanges	Group							

OIC ResourceCreated/Updated Request Message			OFSC GetResourceRoute Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Work and Asset Management**	**Oracle Field Service Column**	
links	tech_photo	Group							
rel	links	String							
href	links	String							
mediaType	links	String							
gender	resourceChanges	String							
credence	resourceChanges	String							
wam_resource_ address	resourceChanges	String							
wam_resource_ source	resourceChanges	String							
wam_resource_ lastUpdateDttm	resourceChanges	String							
nms_resource	resourceChanges	String							
common_utilities_ resource_code	resourceChanges	String							

Upsert NMS Crew Mapping

OFSC GetResourceDetail Response Message			NMS UpsertCrew Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Work and Asset Management**	**Oracle Field Service Column**	
canonical_GETResp onse		Outermos ttag	execute		Outerm osttag				createUpdateC rews
resources.definitions. resource	canonical_GETRes ponse		request_wrapper	execute	Group				

OFSC GetResourceDetail Response Message			NMS UpsertCrew Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management	Oracle Field Service Column	
resourceId		String	crewName	request_wrapper	String				
phone		String	mobileNum	request_wrapper	String				
status		String	isActive	request_wrapper	Boolean				If status = 'active' --> true
			timeActivated	request_wrapper	String				If status = 'active', then timeActivated = current-dateTime in epoch format. Else, timeDeactivated = current-dateTime in epoch format.
			timeDeactivated	request_wrapper	String				
nms_crew_size		Integer	crewSize	request_wrapper	Integer				
OFSC GetWorkSkillDetails Response Message									
executeResponse		Outermos ttag							
response-wrapper	executeResponse	Group							
name	response-wrapper	String	crewType	request_wrapper	String				If not empty
OFSC GetResourceRoute Response Message									
executeResponse		Outermos ttag							
response-wrapper	executeResponse	Group							

OFSC GetResourceDetail Response Message			NMS UpsertCrew Request Message			DVM Mapping			Comments
							Oracle Utilities Work and Asset Management	Oracle Field Service Column	
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name			
routeStartTime	response-wrapper	String	timeOnShift	request_wrapper	String				If incoming routeEndTime then timeOffShift = routeEndTime in epoch format. Else, if incoming routeReactivationTime then timeOnShift = routeReactivationTime in epoch format. Else, if incoming routeStartTime then timeOnShift = routeStartTime in epoch format. Else, timeOffShift = current-dateTime in epoch format.
routeEndTime	response-wrapper	String	timeOnShift	request_wrapper	String				
routeReactivation Time	response-wrapper	String	timeOnShift	request_wrapper	String				

OFSC GetResourceWorkSkills Request Message

workZonesResponse		Outermosttag							
getResourceWork Zones	workZones Response	Group							

OFSC GetResourceDetail Response Message			NMS UpsertCrew Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management	Oracle Field Service Column	
items	getResourceWork Zones	Array							
workzone	items	String	zoneHdlIdx	request_wrapper	String				
NMS Get Admin Data Response Message									
$Get_AdminData		Outermos ttag							
response-wrapper	$Get_AdminData	Group							
controlZones	response-wrapper	Group							
name	controlZones	String	zoneName	request_wrapper	String				If 'workzone' is found, use the first workzone.
ncg	controlZones	Integer							
ncgClass	controlZones	Integer	zoneHdlCls	request_wrapper	Integer				If 'workzone' is found, use the first workzone.
			outOfRange	request_wrapper	Boolean	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "nms.crew.outOf Range"	Value = "true"	
			isAvailForOp	request_wrapper	Boolean	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "nms.crew.isAvail ForOp"	Value = "true"	
			isMobileIntegrated	request_wrapper	Boolean	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "nms.crew.outOf Range"	Value = "true"	

OFSC GetResourceDetail Response Message			NMS UpsertCrew Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management	Oracle Field Service Column	
OIC retrieveNMSinstanceURL Message Response									
			ConnectivityProperties	execute					
GETResponse		Outermost-tag	Plugin	ConnectivityProperties					
components.sche-mas.response-wrapper	GETResponse	Group							
resourceValue	components.sche-mas.response-wrapper	String							
resourceBucket	components.sche-mas.response-wrapper	String							
targetValue	components.sche-mas.response-wrapper	String	Connection	Plugin		OUTL-BRT-NMS_OFSC_InstanceIDTo Bucket	NMS_InstanceID		Retrieved NMS instance

Resources Route (Oracle Field Service Initiated)

This section describes data mapping for the following:

- Resource Created/Updated Mapping

- Get OFS Resource Mapping

- Get NMS Instance URL Mapping

- Put NMS Crew Shift Mapping

Resource Created/Updated Mapping

OIC Resource Created/Updated Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management Column	Oracle Field Service Column	
notify_POST		Outermosttag				
routeEvent	notify_POST					
user	routeEvent	String				
applicationId	routeEvent	String				
eventType	routeEvent	String				
routeDetails	routeEvent	Group				
resourceId	resourceDetails	String				
date	resourceDetails	String				
routeChanges	resourceEvent	Group				
activated	routeChanges	String				
deactivated	routeChanges	String				
reactivated	routeChanges	String				
travelingTime	routeChanges	String				

OIC Resource Created/Updated Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Work and Asset Management Column**	**Oracle Field Service Column**	
calendarTimeFrom	routeChanges	String				
calendarTimeTo	routeChanges	String				
calendarPoints	routeChanges	String				
timeZone	routeChanges	String				

Get OFS Resource Mapping

OIC Resource Created/Updated Request Message			OFSC GetResourceDetail Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Work and Asset Management**	**Oracle Field Service Column**	
notify_POST		Outermostttag	canonical_GET		Outermosttag				GET Resource/Get Resource
resourceEvent	notify_POST		Template Parameters	canonical_GET	Group				
user	resourceEvent	String							
applicationId	resourceEvent	String							
time	resourceEvent	String							
eventType	resourceEvent	String							
resourceDetails	resourceEvent	Group							
resourceInternalId	resourceDetails	String							
resourceId	resourceDetails	String	resourceId	TemplateParameters	String				
name	resourceDetails	String							

OIC Resource Created/Updated Request Message			OFSC GetResourceDetail Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Work and Asset Management**	**Oracle Field Service Column**	
resourceType	resourceDetails	String							
resourceChanges	resourceEvent	Group							
resourceId	resourceChanges	String							
organization	resourceChanges	String							
resourceInternalId	resourceChanges	String							
parentResource InternalId	resourceChanges	String							
status	resourceChanges	String							
parentResourceId	resourceChanges	String							
resourceType	resourceChanges	String							
name	resourceChanges	String							
email	resourceChanges	String							
phone	resourceChanges	String							
language	resourceChanges	String							
languageISO	resourceChanges	String							
timeZoneDiff	resourceChanges	Integer							
timeZone	resourceChanges	String							
timeZoneIANA	resourceChanges	String							
dateFormat	resourceChanges	String							
timeFormat	resourceChanges	String							
durationStatistics InitialRatio	resourceChanges	Double							

OIC Resource Created/Updated Request Message			OFSC GetResourceDetail Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management	Oracle Field Service Column	
durationStatistics InitialPeriod	resourceChanges	Integer							
Resource_0x737063_ type	resourceChanges	String							
tech_photo	resourceChanges	Group							
links	tech_photo	Group							
rel	links	String							
href	links	String							
mediaType	links	String							
gender	resourceChanges	String							
credence	resourceChanges	String							
wam_resource_ address	resourceChanges	String							
wam_resource_ source	resourceChanges	String							
wam_resource_ lastUpdateDttm	resourceChanges	String							
nms_resource	resourceChanges	String							
common_utilities_ resource_code	resourceChanges	String							

Get NMS Instance URL Mapping

OFSC GetResourceDetail Response Message			OIC GetNMSInstanceURL Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Property**	**Value**	
canonical_GETResponse		Outermost ttag	execute		Outermost ttag				
resources.definitions.resource	canonical_GETResponse		QueryParameters	execute	Group				
resourceId	resources.definitions.resource	String	resourceId	QueryParameters	String				
			bucketDVM	QueryParameters	String	OUTL-BRT-NMS_OFSC_ConfigProps	findInstance.oic.LookupName	OUTL-BRT-NMS_OFSC_InstanceIDToBucket	
			sourceColumn	QueryParameters	String	OUTL-BRT-NMS_OFSC_ConfigProps	findInstance.oic.LookupSourceColumnName	OFSC_BucketID	
			targetColumn	QueryParameters	String	OUTL-BRT-NMS_OFSC_ConfigProps	findInstance.oic.LookupTargetColumnName	NMS_ConnectionID	
			notFoundValue	QueryParameters	String	OUTL-BRT-NMS_OFSC_ConfigProps	findInstance.oic.LookupNotFoundValue	NotFound	

Put NMS Crew Shift Mapping

OIC Resource Created/Updated Request Message			NMS UpsertCrew Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**Oracle Utilities Work and Asset Management**	**Oracle Field Service Column**	
notify_POST		Outermost ttag	execute		Outermost ttag				setCrewOnShift

OIC Resource Created/Updated Request Message			NMS UpsertCrew Request Message			DVM Mapping			Comments
							Oracle Utilities Work and Asset Management	Oracle Field Service Column	
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name			
routeEvent	notify_POST		TemplateParameters	execute	Group				
user	routeEvent	String	crewId	TemplateParameters	String				
applicationId	routeEvent	String	request_wrapper	execute					
eventType	routeEvent	String	onShift	request_wrapper	Boolean				true if routeEvent = 'routeActivated'
routeDetails	routeEvent	Group	when	request_wrapper	String				activated or deactivated datetime converted with timeZoneOffset to 'Z'
resourceId	resourceDetails	String							
date	resourceDetails	String							
routeChanges	resourceEvent	Group							
activated	routeChanges	String							
deactivated	routeChanges	String							
reactivated	routeChanges	String							
travelingTime	routeChanges	String							
calendarTimeFrom	routeChanges	String							
calendarTimeTo	routeChanges	String							
calendarPoints	routeChanges	String							
timeZone	routeChanges	String							

OIC Resource Created/Updated Request Message			NMS UpsertCrew Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Work and Asset Management	Oracle Field Service Column	
OIC retrieveNMSinstanceURL Message Response									
			ConnectivityProperties	execute					
GETResponse		Outermost tag	Plugin	ConnectivityProperties					
components.schemas.response-wrapper	GETResponse	Group							
resourceValue	components.schemas.response-wrapper	String							
resourceBucket	components.schemas.response-wrapper	String							
targetValue	components.schemas.response-wrapper	String	ConnectionId	Plugin		OUTL-BRT-NMS_OFSC_InstanceIDToBucket	NMS_Instance URL	Retrieve NMS instanceId

Attachments (Oracle Field Service Initiated)

This section describes data mapping for the following:

- Get OFS Attachment Mapping
- Put NMS Attachment Mapping
- Get Event Attachment List Mapping
- Delete Attachment in NMS Mapping

Get OFS Attachment Mapping

OIC OFS Attachments Request Message			OFS getOFSAttachment Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	NMS Column	OFS Column	
execute		OutermostTag	get		OutermostTag				Activity/ GetFileProperty
request_wrapper	execute		TemplateParameters	get	Group				
activityId	request_wrapper	Field	activityId	TemplateParameters	Field				
ActivityChanges	request_wrapper								
Activity	ActivityChanges	Field							
FieldName	Activity	Field	propertyLabel	TemplateParameters	Field				"nms_attachment_[1..10]"

Put NMS Attachment Mapping

OIC OFS Attachments Request Message			NMS putNMSAttachment Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Source Column	Target Column	
execute		OutermostTag	execute		OutermostTag				PUT /nms-ofs/rest/v1/events/{id}/attachments/{attachmentName}
request_wrapper	execute	Group	HTTPHeaders	execute	Group				
ActivityChanges	request_wrapper	Group	StandardHTTPHeaders	HTTPHeaders	Group				
Activity	ActivityChanges	Field							
mediaType	Activity	Field	Content-Type	StandardHTTPHeaders	Field				
			TemplateParameters	execute	Group				
nms_event_id	request_wrapper	Field	eventId	TemplateParameters	Field				
fieldValue	Activity	Field	att_name	TemplateParameters	Field				
			ConnectivityProperties		Group				
			RestAPI	ConnectivityProperties	Group	OUTL-BRT-NMS_OFSC_InstanceIDToBucket	NMS_InstanceID	NMS_InstanceURL	
nms_instanceId	request_wrapper	Field	BaseURI	RestAPI	Field				

OIC OFS Attachments Request Message			NMS putNMSAttachment Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Source Column	Target Column	
OFS getOFSAttachment Response Message									
get		Outermos tTag							
streamReference	get	Field	streamReference	execute	Field				

Get Event Attachment List Mapping

OIC OFS Attachments Request Message			NMS GetEventAttachmentList Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Source Column	Target Column	
execute		Outermos tTag	execute		Outerm ostTag				getEventAttac hments
request_wrapper	execute	Group	TemplateParameter s	execute	Group				
nms_event_id	request_wrapper	Field	eventId	TemplateParameters	Field				
			ConnectivityProper ties		Group				
			Plugin	ConnectivityPropert ies	Group				
nms_instanceId	request_wrapper	Field	ConnectionId	Plugin	Field	OUTL-BRT-NMS_OFSC_ InstanceIDTo Bucket	NMS_InstanceID	NMS_Instance ID	

Delete Attachment in NMS Mapping

OIC OFS Attachments Request Message			NMS GetEventAttachmentList Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Source Column	Target Column	
execute		OutermostTag	execute		OutermostTag				deleteAttachment
request_wrapper	execute	Group	Template Parameters	execute	Group				
nms_event_id	request_wrapper	Field	id	TemplateParameters	Field				
ActivityChanges	request_wrapper	Group							
Activity	ActivityChanges	Field							
fieldValue	Activity	Field	att_name	TemplateParameters	Field				
			ConnectivityProperties		Group				
			Plugin	ConnectivityProperties	Group				
nms_instanceId	request_wrapper	Field	ConnectionId	Plugin	Field	OUTL-BRT-NMS_OFSC_InstanceIDToBucket	NMS_InstanceID	NMS_InstanceID	

Attachments (Oracle Utilities Network Management System Initiated)

This section describes data mapping for the following:

- Find Activity ID Mapping
- Get Activity Details Mapping
- Delete Existing NMS Attachment Mapping
- Get NMS Attachment Mapping
- Store OFS Attachment Mapping
- Delete Existing OFS Attachment Mapping
- Update OFS Attachment List After Deletion Mapping

Find Activity ID Mapping

OIC NMS Attachments Request Message			OFS findActivtyId Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	NMS Column	OFS Column	
request_wrapper	POST	Group	QueryParameters						Activity: Search Activity
event	request_wrapper	Group	searchInField	QueryParameters	Field				Hard code "nms_event_i d"
id	event	Field	searchForValue	QueryParameters	Field				
			fields	QueryParameters	Field				Hardcoded with "apptNumber, activityId"

OIC NMS Attachments Request Message			OFS findActivtyId Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	NMS Column	OFS Column	
			dateFrom	QueryParameters	Field				Use current-date function
									Subtract - 21days
									Format the date YYYY-MM-DD
			dateTo	QueryParameters	Field				Use current-date function
									Format the date YYYY-MM-DD
			offset	QueryParameters	Field				0
			limit	QueryParameters	Field				10

Get Activity Details Mapping

OFSC findActivtyId Request Message			OFS Get ActivityDetails Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	NMS Column	OFS Column	
request_wrapper	POST	Group	canonical_GET		Outermosttag				Activity: Get Activity
activities	request_wrapper	Group	Template Parameters	canonical_GET	Group				
externalId	activities	Field	activityId	TemplateParameters	Field				If incoming externalId is empty, retrieve from findActivityId response

Delete Existing NMS Attachment Mapping

OIC NMS Attachments Request Message			OFS deleteExistingNMSAttachment Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	NMS Column	OFS Column	
request_wrapper	POST	Group	canonical_GET		Outerm osttag				DELETE / rest/ ofscCore/v1/ activities/ {activityId}/ {propertyLabe l}
activies	request_wrapper	Group	TemplateParameter s	canonical_GET	Group				
externalId	activities	Field	activityId	TemplateParameters	Field				If incoming externalId is empty, retrieve it from the findActivityId response.
OFSC getActivityDetails Request Message									
request_wrapper	POST	Group							
activities	request-wrapper	Group							
nms_sourced_attach ment_[1..10]	activities	Field	propertyLabel	TemplateParameters	Field				Loop through all existing nms_sourced_ attachment_x fields found in the OFS GetActivity Response message.

Get NMS Attachment Mapping

OIC NMS Attachments Request Message			NMS GetNMSAttachment Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	NMS Column	OFS Column	
request_wrapper		OutermostTag	execute		OutermostTag				GET /nms-ofs/rest/v1/events/{id}/attachments/{attachmentName}
event	request_wrapper	Group	HTTPHeaders	execute	Group				
			StandardHTTPHeaders	HTTPHeaders	Group				
			Accept	StandardHTTPHeaders	Field				Hardcoded to "*/*"
			Template Parameters	execute	Group				
id	event		id						
attachments	event	Group							
fileName	attachments	Field	att_name						
			ConnectivityProperties		Group				
			RestAPI	ConnectivityProperties	Group				
nms_instanceId	attachments	Field	BaseURI	RestAPI	Field	OUTL-BRT-NMS_OFSC_InstanceIDToBucket		NMS_InstanceID, NMS_InstanceURL	

Store OFS Attachment Mapping

OIC NMS Attachments Request Message			OFS storeOFSAttachment Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	NMS Column	OFS Column	
request_wrapper		OutermostTag	put		OutermostTag				Activity: Set File Property
event	request_wrapper	Group	HTTPHeaders	put	Group				
attachments			StandardHTTPHeaders	HTTPHeaders	Group				
fileName	attachments	Field	Content-Disposition						concat("attachment;filename=",filename)
contentType	attachments	Field	Content-Type						
activities	request_wrapper		TemplateParameters	put	Group				
externalId	activities	Field	activityId	TemplateParameters	Field				If incoming externalId is empty, retrieve it from the findActivityId response.
			propertyLabel	TemplateParameters	Field				"nms_sourced_attachment_[1..10]"
NMS getNMSAttachment Response Message									
executeResponse		OutermostTag							
streamReference	executeResponse		streamReference	put	Field				

Delete Existing OFS Attachment Mapping

OIC NMS Attachments Request Message			OFS deleteExistingNMSAttachment Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	NMS Column	OFS Column	
request_wrapper	POST	Group	canonical_GET		Outerm osttag				/rest/ ofscCore/v1/ activities/ {activityId}/ {propertyLabe l}
activies	request_wrapper	Group	TemplateParameter s	canonical_GET	Group				
externalId	activities	Field	activityId	TemplateParameters	Field				If incoming externalId is empty, retrieve it from findActivityId response.
OFS getActivityDetails Request Message									
request_wrapper	POST	Group							
activities	request-wrapper	Group							
nms_attachment_[1.. 10]	activities	Field	propertyLabel	TemplateParameters	Field				

Update OFS Attachment List After Deletion Mapping

OIC NMS Attachments Request Message			OFS deleteExistingNMSAttachment Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	NMS Column	OFS Column	
request_wrapper	POST	Group	update_PATCH		Outerm osttag				/rest/ ofscCore/v1/ activities/ {activityId}/ {propertyLabe l}
activies	request_wrapper	Group	Template Parameters	update_PATCH	Group				
externalId	activities	Field	activityId	TemplateParameters	Field				If incoming externalId is empty, retrieve it from findActivityId response.
OFS getActivityDetails Request Message									
			updateActivity Schema	update_PATCH	Group				
request_wrapper	POST	Group							
activities	request-wrapper	Group							
nms_attach_output	activities	Field	nms_attach_output	updateActivity Schema	Field				Content with removed attachment details was deleted. Content is stored as plaintext XML with no namespaces.

Chat Notification (Oracle Utilities Network Management System Initiated)

This section describes data mapping for the following:

- OIC Chat Notification Mapping

- OFS Get Oauth Token Mapping

- OFS Send Chat Notification Mapping

OIC Chat Notification Mapping

OIC chatNotification Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	DVM Name	WAM Column	OFS Column	
execute		Outermosttag				
request_wrapper	execute					
recipients	request_wrapper	Array of Strings				
message	request_wrapper	String				
errorCode	request_wrapper	String				
instanceId	request_wrapper	String				

OFS Get Oauth Token Mapping

OFS getOauthToken Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	DVM Name	Property Name	Value	
execute		Outermosttag				POST /rest/ofscCore/v1/ rest/oauthTokenService/v2/ token
request-wrapper	execute	Group				
assertion	request-wrapper		OUTL-BRT-NMS_OFSC_ ConfigProps	notification.chat. assertion		

OFS getOauthToken Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	DVM Name	Property Name	Value	
grant_type	request-wrapper		OUTL-BRT-NMS_OFSC_ConfigProps	notification.chat.grantType		

OFS Send Chat Notification Mapping

OIC NMS Attachments Request Message			OFS deleteExistingNMSAttachment Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	NMS Column	OFS Column	
execute		Outermosttag	execute		Outermosttag				POST /rest/ofscCore/v1/rest/ofscCollaboration/v1/chats
request_wrapper	execute		request-wrapper	execute	Group				
recipients	request_wrapper	Array of Strings	recipients			OUTL-BRT-NMS_OFSC_ConfigProps	notification.chat.defaultDispatcher		Incoming or default dispatcher
message	request_wrapper	String	text	request-wrapper	String				Concatenate the 3 fields into the message
errorCode	request_wrapper	String							
instanceId	request_wrapper	String							
OFS getOauthToken Response Message									
executeResponse		Outermosttag							
response-wrapper	executeResponse	Group	StandardHTTP Headers	execute					

OIC NMS Attachments Request Message			OFS deleteExistingNMSAttachment Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	NMS Column	OFS Column	
access_token	response-wrapper	String	Authorization	StandardHTTP Headers					Authorization Bearer {access_token }
token_type	response-wrapper	String							
expires_in	response-wrapper	String							

Find Resource Bucket (Oracle Integration Cloud Initiated)

This section describes data mapping for the following:

- Get Resource ID Mapping
- Get Resource Details

Get Resource ID Mapping

OIC GetResourceId Message		Comments
Element Name	**Parent Element**	**Type**
execute		Outermosttag
QueryParameters	execute	Group
resourceId	QueryParameters	String
bucketDVM	QueryParameters	String
sourceColumn	QueryParameters	String
targetColumn	QueryParameters	String
notFoundValue	QueryParameters	String

Get Resource Details

OIC GetResourceId Message			OFSC GetResourceDetail Request Message			DVM Mapping			Comments
Element Name	**Parent Element**	**Type**	**Element Name**	**Parent Element**	**Type**	**DVM Name**	**WAM Column**	**OFS Column**	
execute		Outermosttag	canonical_GET		Outermosttag				rest/ ofscCore/v1/ resources/ {resourceId}
QueryParameters	execute	Group	TemplateParameters	canonical_GET	Group				
resourceId	QueryParameters	String	resourceId	TemplateParameters	String				

OIC GetResourceId Message			OFSC GetResourceDetail Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	WAM Column	OFS Column	
bucketDVM	QueryParameters	String							
sourceColumn	QueryParameters	String							
targetColumn	QueryParameters	String							
notFoundValue	QueryParameters	String							