

Oracle Utilities Network Management System Integration to Oracle Field Service

Data Mapping Guide

Release 21B

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Oracle Utilities Network Management System Integration to Oracle Field Service Data Mapping Guide,
Release 21B

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Contents

Preface	i
Audience	ii
Documentation and Resources	ii
Documentation Accessibility	iii
Conventions.....	iii
Acronyms.....	iii
 Chapter 1	
Data Mapping	1-1
Admin Sync (Oracle Utilities Network Management System Initiated).....	1-2
Get Admin Data Mapping	1-3
PickListCreateEnumProperty Mapping	1-3
PickListPutEnumProperty Mapping	1-5
PickListPutEventCategoryEnum Mapping	1-6
FEPopulateEnuYesNo Mapping	1-8
FECreateEnumProperty Mapping	1-9
FEPopulateRatingUnitsOM Mapping	1-11
FECreateProperty Mapping	1-12
PopulatePhases Mapping	1-14
PopulateManufacturer Mapping	1-15
GetOFSCWorkSkillConditions Mapping	1-16
CrewTypePutWorkSkill Mapping	1-17
CrewTypePutWorkSkillProperty Mapping	1-18
CrewTypeReplaceWorkSkillCond Mapping	1-19
GetAllWorkZones Mapping	1-20
ControlZonesCreate Mapping	1-21
ControlZonesReplace Mapping	1-22
PickListEnvMapPutEvent Mapping	1-23
PickListEnvMapPutEnum Mapping	1-24
CustomerTypePopulate Mapping	1-25
Failed Equipment (Oracle Utilities Network Management System Initiated)	1-26
Get Activity Details Mapping	1-26
EventFailedEquipmentUpdate Mapping	1-26
Process Activity (Oracle Utilities Network Management System Initiated).....	1-28
Get Resource Time Zone Mapping	1-28
Invoke OFS Activity Mapping	1-28
Invoke Cancel OFS Activity Mapping	1-34
Default Mapping	1-36
Search Activities Mapping	1-36
Replace Link Mapping	1-37
Activity Created (Oracle Field Service Cloud Initiated)	1-38
Get OFS Activity Mapping	1-38
Create Activity in NMS Mapping	1-39
Update Activity in OFS Mapping	1-40

Update Event Details (Oracle Field Service Initiated).....	1-42
OFS Get Activity Details Mapping	1-42
OFS Update Activity Details Mapping	1-42
NMS Event Details Update Mapping	1-43
Resource Created/Updated (Oracle Field Service Initiated)	1-45
Resource Created/Updated Mapping	1-45
Get OFS Resource Mapping	1-48
Get OFS Resource Workskills Mapping	1-51
Get OFS Resource Work Zones Mapping	1-54
Resource Created/Updated (Oracle Field Service Initiated)	1-57
Resource Created/Updated Mapping	1-57
Get OFS Resource Mapping	1-60
Get OFS Resource Workskills Mapping	1-60
Get OFS Resource Work Zones Mapping	1-64
Update Activity (Oracle Field Service Initiated)	1-67
OFSCActEvnt2GetActDetails Mapping	1-67
NMSUpdateEvent Mapping	1-68
NMSUpdateActivity(STARTorSUS) Mapping	1-70
NMSUpdateEvent(CMP) Mapping	1-71
NMSUpdateActivity(CMP) Mapping	1-74
NMSUpdateEvent(CNForNOTDONE) Mapping	1-76
NMSUpdateActivity(CNForNOTDONE) Mapping	1-77
OFSCActReceive2GetRsrcType Mapping	1-78
NMSUpdateActivity(MOVED) Mapping	1-79

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	Description
Oracle Utilities Network Management System Integration to Oracle Field Service documentation	Refer to the Oracle Utilities applications documentation page: http://docs.oracle.com/cd/E72219_01/documentation.html
Oracle Utilities Network Management System documentation	
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 <i>Certification Matrix for Oracle Utilities Products (Doc ID 1454143.1)</i> 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>.

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Conventions

The following text conventions are used in this document:

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

Acronyms

The following terms are used in this document:

Term	Expanded Form
OFS	Oracle Field Service
OIC	Oracle Integration Cloud
ICS	Integration Cloud Service
DVM	Domain Value Map (Lookup)
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 \(Oracle Utilities Network Management System Initiated\)](#)
- [Process Activity \(Oracle Utilities Network Management System Initiated\)](#)
- [Activity Created \(Oracle Field Service Cloud Initiated\)](#)
- [Update Event Details \(Oracle Field Service Initiated\)](#)
- [Resource Created/Updated \(Oracle Field Service Initiated\)](#)
- [Resource Created/Updated \(Oracle Field Service Initiated\)](#)
- [Update Activity \(Oracle Field Service Initiated\)](#)

Admin Sync (Oracle Utilities Network Management System Initiated)

This section describes data mapping for the following:

- [Get Admin Data Mapping](#)
- [PickListCreateEnumProperty Mapping](#)
- [PickListPutEnumProperty Mapping](#)
- [PickListPutEventCategoryEnum Mapping](#)
- [FEPopulateEnuYesNo Mapping](#)
- [FECreateEnumProperty Mapping](#)
- [FEPopulateRatingUnitsOM Mapping](#)
- [FECreateProperty Mapping](#)
- [PopulatePhases Mapping](#)
- [PopulateManufacturer Mapping](#)
- [GetOFSCWorkSkillConditions Mapping](#)
- [CrewTypePutWorkSkill Mapping](#)
- [CrewTypePutWorkSkillProperty Mapping](#)
- [CrewTypeReplaceWorkSkillCond Mapping](#)
- [GetAllWorkZones Mapping](#)
- [ControlZonesCreate Mapping](#)
- [ControlZonesReplace Mapping](#)
- [PickListEnvMapPutEvent Mapping](#)
- [PickListEnvMapPutEnum 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	
			execute		Outerm osttag			GET /nms-ofs/ rest/v1/admin/

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	
\$Get_AdminData		Outerm osttag	execute		Outerm osttag			Put /rest/ ofscMetadata/ v1/properties/ {label}/
response-wrapper	\$Get_AdminData	Group	TemplateParameters	execute	Group			
picklist	response-wrapper	Array	label	TemplateParameters	String			concat("nms_", / picklist/first,"_", /picklist/ second/first)
first	picklist	String						
second	picklist	Array						
first	second	String						

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	
			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	Group	name	translations	String				/fieldNames/ nestedArray[nest edArrayItem[1]= /picklist/first/ second/first]/ nestedArrayItem [2]
nestedArray	fieldNames	Array of Strings							
nestedArrayItem	nestedArray	String							

PickListPutEnumProperty 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	TemplateParameter s	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				

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	
			translations	items	Array				
			language	translations	String	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "ofs.language"	Value = "en"	
second	second	String	name	translations	String				/fieldNames/nestedArray[nestedArrayItem[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_category/enumerationList/
response-wrapper	\$Get_AdminData	Group							
picklist	response-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
			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			
			translations	items	Array			
			language	translations	String			
first	picklist	String	name	translations	String			/fieldNames/nestedArray[nestedArrayItem[1]=/picklist/first/second/first]/nestedArrayItem[2]

FEPopulateEnumYesNo 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/ {enumProperty} /
response-wrapper	\$Get_AdminData	Group	Template Parameters	execute	Group				
fieldNames	response-wrapper	Group							
nestedArray	fieldNames	Array	enumProperty	Template Parameters	String				concat("nms_", / nestedArray[nest edArrayItem[1]= tableName/ columns/name]/ nestedArrayItem [2]
nestedArrayItem	nestedArray	Array							
tableSchemas	\$Get_AdminData	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.defaul t"	Value = "true"	
maxWidth	columns	Integer	translations	items	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	
nestedArrayItem	nestedArray	Array							
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"	
			name	translations	String				/fieldNames/ nestedArray[nest edArrayItem[1]= tableName/ columns/name]/ nestedArrayItem [2]

FEPopulateRatingUnitsOM 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/ {enumProperty} /
response-wrapper	\$Get_AdminData	Group	TemplateParameters	execute	Group				
picklist	response-wrapper	Array	enumProperty	TemplateParameters	String				"nms_RATING_UNITS_OM"
first	picklist	String							
second	picklist	Array							
first	second	String							
			request-wrapper	execute	Group				
			items	request-wrapper	Array				
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				

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
			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']

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		Outerm osttag	execute		Outerm osttag			Put /rest/ofscMetadata/v1/properties/{enumProperty}/
response-wrapper	\$Get_AdminData	Group	TemplateParameters	execute	Group			
fieldNames	response-wrapper	Group						
nestedArray	fieldNames	Array						
nestedArrayItem	nestedArray	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	
			enumProperty	TemplateParameters	String			concat("nms_", /nestedArray[nestedArrayItem[1]=tableName/columns/name]/nestedArrayItem[2]
tableSchemas	\$Get_AdminData	Group						
tableName	tableSchemas	Group	request-wrapper	execute	Group			
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			"No" or "Yes"
			name	translations	String			/fieldNames/nestedArray[nestedArrayItem[1]=tableName/columns/name]/nestedArrayItem[2]

PopulatePhases 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_phases/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 not empty otherwise 'None'
			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"	

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 otherwise '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 not empty otherwise 'None'

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	
			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"	
manufacturers	response-wrapper	Array of String	name	translations	String				if phaseString not empty otherwise '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 Network Management System Column	Oracle Field Service Column	
			execute		Outerm osttag				

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	TemplateParameters	execute	Group				
crewTypes	response-wrapper	Group							
crewType	crewTypes	String	label	TemplateParameters	String				concat("n_", / crewTypes/ crewType)
			request-wrapper	execute	Group				
			items	request-wrapper	Array				
			sharing	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"	
			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	TemplateParameters	execute	Group			
crewTypes	response-wrapper	Group						
crewType	crewTypes	String	label	TemplateParameters	String			concat("n_", / crewTypes/ crewType,"_Nd")
			request-wrapper	execute	Group			
			type	request-wrapper	String	OUTL-BRT- NMS_OFSC_ ConfigProps	PropertyName = "workSkillPropert y.type.default	"Value="string"
			entity	request-wrapper	String	OUTL-BRT- NMS_OFSC_ ConfigProps	PropertyName = "workSkillPropert y.entity.default	"Value = "activity"
			gui	request-wrapper	String	OUTL-BRT- NMS_OFSC_ ConfigProps	PropertyName = "workSkillPropert y.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		Outerm osttag	execute		Outerm osttag				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				

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	
conditions	items	Group	conditions	items	Group				
label	conditions	String	label	conditions	String				
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							

GetAllWorkZones 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					

ControlZonesCreate 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				/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				

ControlZonesReplace 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/ {workZoneName}
response-wrapper	\$Get_AdminData	Group	TemplateParameters	execute	Group	request-wrapper		Group	
controlZones	response-wrapper	Group							
ncg	controlZones		workZoneLabel	TemplateParameters	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.default.status"	"Value = "active"	
ncg	controlZones		travelArea	request-wrapper	String	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName = "ofsc.workZone.default.travelArea"	"Value = "sunrise_enterprise"	
			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	Group	items	request-wrapper	Array				
nestedArray	picklistenvMap	Array							
nestedArrayItem[1]	nestedArray	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"	
			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		Outerm osttag	execute		Outerm osttag				Put /rest/ofscMetadata/v1/properties/nms_eventType_category/enumerationList /
response-wrapper	\$Get_AdminData	Group	request-wrapper	execute	Group				
picklistenvMap	response-wrapper	Group	items	request-wrapper	Array				
nestedArray	picklistenvMap	Array							
nestedArrayItem[1]	nestedArray	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"	
nestedArrayItem[2]	nestedArray	Array of String	name	translations	String				

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 ostag	execute		Outerm ostag				Put /rest/ofscMetadata/v1/properties/nms_customer_types/enumerationList/
response-wrapper	\$Get_AdminData	Group	request-wrapper	execute	Group				
customerTypes	response-wrapper	Group	items	request-wrapper	Array				
nestedArray	customerTypes	Array							
nestedArrayItem[1]	nestedArray	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"	
nestedArrayItem[2]	nestedArray	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](#)
- [EventFailedEquipmentUpdate 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	
formSubmitted		Outerm osttag	canonical_GET		Outerm osttag			
forms.failed Equipment	formSubmitted	Group	Template Parameters	canonical_GET	Group			
activityDetails	forms.failedEquipment	Group						
activityId	activityDetails	Array	activityId	Template Parameters				

EventFailedEquipmentUpdate 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	
			execute		Outerm osttag			

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	
			request-wrapper	execute	Group			
			topLevelArray	request-wrapper				
\$GetActivityDetailsResponse_activityId			activityId	topLevelArray				Mapped from Response of Get Activity Details \$GetActivityDetailsFromOFSC/canonical_GET Response/activities.definitions.getActivitySchema/apptNumber
			event	topLevelArray				
			failedEquipment	event				
activityDetails			fields	failedEquipment				Applying templates for response from OFSC "formIdentifier/* eventType user time formDetails/*" for the logic checks for contains(local-name(), 'nms_') and performs "substring-after(local-name(), '_')"

Process Activity (Oracle Utilities Network Management System Initiated)

This section describes data mapping for the following:

- [Get Resource Time Zone Mapping](#)
- [Invoke OFS Activity Mapping](#)
- [Invoke Cancel OFS Activity Mapping](#)
- [Default Mapping](#)
- [Search Activities Mapping](#)
- [Replace Link Mapping](#)

Get Resource Time Zone Mapping

OFS 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		Group				
resourceId	Template Parameters	Group	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName	ofsc.bucket	Map the OFSC 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			

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.definition.s.customActionActivityBulkUpdateSchema	bulkUpdate_POST	Group				
			updateParameters	activities.definition.s.customActionActivityBulkUpdateSchema	Group				
			activities	activities.definition.s.customActionActivityBulkUpdateSchema	List				
			identifyActivityBy	updateParameters	string				Hard code with "apptNumber"
			ifInFinalStatusThen	updateParameters	string				Hard code with "doNothing"
			ifExistsThenDoNotUpdateFields	updateParameters	string				
					string				
id	activities	Number	apptNumber	activities	string				
instanceId	activities	String	resourceId	activities	string	OUTL-BRT-NMS_OFSC_InstanceIDToBucket	NMS_InstanceID	OFSC_BucketID	
instanceId	activities	String	nms_instanceId	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	
type	activities	String	activityType	activities	string	OUTL-BRT-NMS_OFSC_ActivityType	NMS_ActivityType	OFSC_ActivityType	
controlZone[1..10]	event	Group							
ncg	controlZone[1..10]	String	nms_control_zone_key	activities	string	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName="ofsc.controlZone	"Value	
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				
deviceAlias	event	String	nms_deviceAlias	activities	string				
nms_deviceLocation	event	String	location	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	
nms_event_phases	event	String	phases	activities	string				
nms_feederName	event	String	feederName	activities	string				
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.
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.
restoreTime	event	String	nms_event_actualRestoreTime	activities	string				
value	event/ert	String	nms_event_estimatedRestoreTime	activities	string				
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 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_numCalls	event	String	numCalls	activities	string			
nms_userNumCustOut	event	String	userNumCustOut	activities	string			
nms_weightedNumCustOut	event	String	weightedNumCustOut	activities	string			
numLifeSupport	event	String	nms_numLifeSupport	activities	string			
priority	event	String	nms_priority	activities	string			
description	event	String	nms_event_desc	activities	string			
troubleCodeDesc	event	String	nms_event_troubleCodeDesc	activities	string			
cause	event	String	nms_event_cause	activities	string			
jobComments	event	String	nms_event_jobComments	activities	string			use 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			

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	
		String	nms_activity_ofscu pdate	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_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				

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	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
v	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

Invoke Cancel 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	
topLevelArray		Outerm ostTag	bulkUpdate_POST		Outerm ostTag				

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.definition.s.customActionActivityBulkUpdateSchema	bulkUpdate_POST	Group			
			updateParameters	activities.definition.s.customActionActivityBulkUpdateSchema	Group			
			activities	activities.definition.s.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	topLevelArray	Field	apptNumber	activities	string			
			status	activities	string			cancelled
			nms_cancelledby	activities	string			Hardcode with NMS

Default Mapping

nmsErrorMessage			NMS Activity Response 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	
nmsErrorMessage		OutermostTag	Error		OutermostTag				
id	nmsErrorMessage	String	id	Error					
errorCode	nmsErrorMessage	String	Error Code	Error	Field				
errorTime	nmsErrorMessage	String	Error Time	Error	Field				
value	nmsErrorMessage	String	Value	Error	Field				

Search Activities Mapping

NMS Request Message			OFSC 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	
			QueryParameters						
			searchInField	QueryParameters	String				Hard code "nms_event_id"
id	event	String	searchForValue	QueryParameters	String				
			dateFrom	QueryParameters	String				Use current-date function and convert it into time zone and format the date

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	
			dateTo	QueryParameters	String				Use current-date function and format the date

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	
TemplateParameters									
activityId	\$searchResult/items	String	activityId	TemplateParameters	String				
activityId	\$activityResponseData/otherData		linkedActivityId	TemplateParameters	String				
activities.linktype			linkType	TemplateParameters	String	OUTL-BRT-NMS_OFSC_ConfigProps	PropertyName	Value	

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](#)

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	
notify_POST		Outerm osttag	canonical_GET		Outerm osttag			GET getActivity Details
activityEvent	notify_POST		TemplateParameter s	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						

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
eventType	activityEvent	Group						
time	activityEvent	String						
user	activityEvent	String						

Create Activity in NMS 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
canonical_GETResponse		Outerm osttag	execute		Outerm osttag			POST /nms-ofs/rest/v1/activities/
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			

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	
teamResourceId	activities.definitions.getActivitySchema	String	crewId	topLevelArray	String			"Initial" or "Dispatched"
			state	topLevelArray	String			

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	
notify_POST		Outerm osttag	update_PATCH		Outerm osttag			POST / ofscCore/v1/activities/{activityId
activityEvent	notify_POST		TemplateParameters	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	
executeResponse		Outerm osttag	activities.definition s.updateActivitySch ema	update_PATCH	String			
response-wrapper	executeResponse	Group						
id	response-wrapper	Group						
Value	id	String	apptNumber	activities.definitions. updateActivitySche ma				

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	
forms.eventDetails		Outerm osttag	canonical_GET		Outerm osttag			
activityDetails	forms.eventDetails	Group	TemplateParameters	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	
forms.eventDetails		Outerm osttag	update_Patch		Outerm osttag			

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
activityDetails	forms.eventDetails	Group	TemplateParameters	update_Patch	Group			
activityId	activityDetails	Integer	activityId	TemplateParameters	Integer			
canonical_GETResponse		Outerm osttag						
activities.definitions.getActivitySchema	canonical_GETResponse	Group	activities.definitions.updateActivitySchema	update_Patch	Group			
nms_event_id	activities.definitions.getActivitySchema	String	nms_REF-ID	activities.definitions.updateActivitySchema	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_GETResponse		Outerm osttag	request-wrapper		Outerm osttag			
activities.definitions.getActivitySchema	canonical_GETResponse	Group	topLevelArray		Group			

OFSC Event Details Receive Message			NMS Event Details Update Request Message			DVM Mapping		Comments
OFSC Get ActivityDetails Response Message								
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Utilities Network Management System Column	Oracle Field Service Column
apptNumber	activities.definitions .getActivitySchema	String	activityId	topLevelArray	String			
forms.eventDetails		Outerm osttag						
activityDetails	forms.eventDetails	Group						
			Event	topLevelArray	Group			
			Event Details	Event	Group			
			Details	Event Details	Group			
			Value	Details	Group			
concat('nms_', \$category, '_', lower- case(name))	forms.eventDetails	Field	Name	Value	String			In OFS, the element name is combination of nms_, nms_category_n ame and nms field name. While mapping to NMS, nms_category_n ame is trimmed from the field name
v	forms.eventDetails	Field Value	V	Value	String			

Resource Created/Updated (Oracle Field Service Initiated)

This section describes data mapping for the following:

- [Resource Created/Updated Mapping](#)
- [Get OFS Resource Mapping](#)
- [Get OFS Resource Workskills Mapping](#)
- [Get OFS Resource Work Zones Mapping](#)

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 Network Management System Column	Oracle Field Service Column
notify_POST		Outerm ostag						
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						

OIC ResourceCreated/Updated 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
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						
timeFormat	resourceChanges	String						

OIC ResourceCreated/Updated 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
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_addresses	resourceChanges	String						
wam_resource_source	resourceChanges	String						
wam_resource_lastUpdatedDtm	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
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 Resource/Get Resource
resourceEvent	notify_POST		TemplateParameters	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							
parentResourceInternalId	resourceChanges	String							
status	resourceChanges	String							

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	
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							
rel	links	String							

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	
href	links	String							
mediaType	links	String							
gender	resourceChanges	String							
credence	resourceChanges	String							
wam_resource_addresses	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 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		TemplateParameters	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							

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	
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							

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	
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_addresses	resourceChanges	String							
wam_resource_source	resourceChanges	String							
wam_resource_lastUpdatedDtm	resourceChanges	String							
nms_resource	resourceChanges	String							
common_utilities_resource_code	resourceChanges	String							

Get OFS Resource Work Zones 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 Resource/Get Resource Work Zones
resourceEvent	notify_POST		TemplateParameters	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	canonical_GET	Group				
resourceChanges	resourceEvent	Group	dateFrom	QueryParameters					current-dateTime YYYY-MM-DD
resourceId	resourceChanges	String							
organization	resourceChanges	String							
resourceInternalId	resourceChanges	String							

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	
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							

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	
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_last UpdateDttm	resourceChanges	String							
nms_resource	resourceChanges	String							
common_utilities_resource_code	resourceChanges	String							

Resource Created/Updated (Oracle Field Service Initiated)

This section describes data mapping for the following:

- [Resource Created/Updated Mapping](#)
- [Get OFS Resource Mapping](#)
- [Get OFS Resource Workskills Mapping](#)
- [Get OFS Resource Work Zones Mapping](#)

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 Network Management System Column	Oracle Field Service Column
notify_POST		Outerm ostag						
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						

OIC ResourceCreated/Updated 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
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						
timeFormat	resourceChanges	String						

OIC ResourceCreated/Updated 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
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_addresses	resourceChanges	String						
wam_resource_source	resourceChanges	String						
wam_resource_lastUpdatedDtm	resourceChanges	String						
nms_resource	resourceChanges	String						
common_utilities_resource_code	resourceChanges	String						

Get OFS Resource Mapping

OFS Resources Responses Message			OFSC GetActivity Data Request Message			DVM Mapping			Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	PropertyName	Value	
			get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_resources		Outerm osttag				GET Resource/Get Resources
			QueryParameters	get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_resources	Group				
			offset	QueryParameters	String				offset+limit
			limit	QueryParameters	String	OUTL-BRT-NMS_OFSC_ConfigProps	ofsc.resourceData.il.loopLimit	100	default if not found = "100"

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 Column	Oracle Field Service Column	
get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_resources		Outerm osttag	canonical_GET		Outerm osttag				GET ofscCore/v1/resources/{resourceId}/workSkills

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 Column	Oracle Field Service Column	
totalResults	get_...	Integer	TemplateParameters	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_addresses	items	String							
wam_resource_source	items	String							
wam_resource_lastUpdateDtm	items	String							
nms_resource	items	String							
common_utilities_resource_code	items	String							
timeZone	items	String							
timeZoneIANA	items	String							
email	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 Column	Oracle Field Service Column	
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							
timeZoneDiff	items	Integer							
durationStatisticsInitialRatio	items	Double							
durationStatisticsInitialPeriod	items	Integer							
organization	items	String							
avatar	items	Group							
links	avatar	Group							
rel	links	String							
href	links	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 Column	Oracle Field Service Column	
mediaType	links	String							
eventType		String							
resourceDetails		Group							
resourceInternalId		String							
resourceId		String							
name		String							
resourceType		String							
resourceChanges		Group							
parentResourceInternalId		String							
languageISO		String							

Get OFS Resource Work Zones 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	
get_0x737063__0x736c68_rest_0x736c68_ofscCore_0x736c68_v1_0x736c68_resources		Outerm osttag	canonical_GET		Outerm osttag				GET ofscCore/v1/resources/{resourceId}/workSkills
totalResults	get_...	Integer	TemplateParameters	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_addresses	items	String							
wam_resource_source	items	String							
wam_resource_lastUpdatedDtm	items	String							
nms_resource	items	String							

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	
common_utilities_re source_code	items	String							
timeZone	items	String							
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							
timeZoneDiff	items	Integer							
durationStatisticsIniti alRatio	items	Double							
durationStatisticsIniti alPeriod	items	Integer							

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	
organization	items	String							
avatar	items	Group							
links	avatar	Group							
rel	links	String							
href	links	String							
mediaType	links	String							
eventType		String							
resourceDetails		Group							
resourceInternalId		String							
resourceId		String							
name		String							
resourceType		String							
resourceChanges		Group							
parentResourceInternalId		String							
languageISO		String							

Update Activity (Oracle Field Service Initiated)

This section describes data mapping for the following:

- [OFSCActEvtnt2GetActDetails Mapping](#)
- [NMSUpdateEvent Mapping](#)
- [NMSUpdateActivity\(STARTorSUS\) Mapping](#)
- [NMSUpdateEvent\(CMP\) Mapping](#)
- [NMSUpdateActivity\(CMP\) Mapping](#)
- [NMSUpdateEvent\(CNlorNOTDONE\) Mapping](#)
- [NMSUpdateActivity\(CNlorNOTDONE\) Mapping](#)
- [OFSCActReceive2GetRsrcType Mapping](#)
- [NMSUpdateActivity\(MOVED\) Mapping](#)

OFSCActEvtnt2GetActDetails 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	
notify_POST		Outerm osttag	canonical_GET		Outerm osttag			
events.definitions.activityEvent	notify_POST	Group	TemplateParameters	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		Oracle Utilities Network Management System Column	Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column		
notify_POST		Outerm osttag	Request -Wrapper		Outerm osttag				
events.definitions.acti vityEvent	notify_POST	Group	topLevelArray	Request-Wrapper	Group				
activityDetails	events.definitions.a ctivityEvent	Group							
apptNumber	activityDetails	String	activityId	topLevelArray	Field				
resourceid	activityDetails	String	crewId	topLevelArray	Field				
activityChanges	events.definitions.a ctivityEvent	Group			Group				
			event	topLevelArray	Group				
nms_event_actualRe storeTime	activityChanges	String	restoreTime	Event	Field				
nms_event_estimate dRestoreTime	activityChanges	String	ert	Event	Field				
nms_event_operator Comment	activityChanges	String	operatorComment	Event	Field				
nms_device_confirm ation	activityChanges	String	deviceConfirmatio n	topLevelArray	Field				

OFS Activity Event Receive Message OFS Get ActivityDetails Response Message			NMS Update Event Request Message (If Activity Updated)			DVM Mapping		Oracle Utilities Network Management System Column	Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column		
nms_restoration	activityChanges	String	restoration	topLevelArray	Field				Hardcode to "true" when nms_restoration =1. Else "False"
canonical_GETResponse		Outermosttag							
activities.definitions.getActivitySchema	canonical_GETResponse	Group							
nms_deviceAlias	activities.definitions.getActivitySchema	String	deviceAlias	Top-level Array/Event					
			ConnectivityProperties						
			RestAPI	ConnectivityProperties					
nms_instanceId	activities.definitions.getActivitySchema	String	BaseURI	RestAPI		OUTL-BRT-NMS_OFSC_InstanceIDToBucket		NMS_InstanceID, NMS_InstanceURL	

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				
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							
resourceId	activityDetails	String	Crew Id	topLevelArray	Field				
canonical_GETResponse		Outerm osttag							
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				
			Connectivity Properties						

OFS Activity Event Receive Message OFS Get ActivityDetails Response Message			NMS Update Activity Request Message (Activity Started/Suspended)			DVM Mapping		Oracle Utilities Network Management System Column	Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column		
			RestAPI	Connectivity Properties					
nms_instanceId	activities.definitions.getActivitySchema	String	BaseURI	RestAPI	Field	OUTL-BRT-NMS_OFSC_InstanceIDToBucket		NMS_Instance ID, NMS_Instance URL	

NMSUpdateEvent(CMP) Mapping

OFSCGetActivityDetailsResponseMessage Event Details(var) Failed Equipment Details(var)			NMS Update Event Request Message (Activity Completed)			DVM Mapping		Oracle Utilities Network Management System Column	Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column		
canonical_GETResponse		Outerm osttag	request-wrapper		Outerm osttag				
activities.definitions.getActivitySchema	canonical_GETResponse	Group	topLevelArray		Group				
resourceId	activities.definitions.getActivitySchema	String	crewId	topLevelArray	Field				
apptNumber	activities.definitions.getActivitySchema	String	activityId	topLevelArray	Field				

OFSC Get ActivityDetailsResponseMessage Event Details(var) Failed Equipment Details(var)			NMS Update Event Request Message (Activity Completed)			DVM Mapping		Oracle Utilities Network Management System Column	Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column		
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				
nms_feederName	activities.definitions.getActivitySchema	String	feederName	event	Field				
nms_event_actualRestoreTime	activities.definitions.getActivitySchema	String	restoreTime	event	Field				
nms_event_estimatedRestoreTime	activities.definitions.getActivitySchema	String	ert	event	Field				
nms_event_operatorComment	activities.definitions.getActivitySchema	String	operatorComment	event	Field				

OFSC Get ActivityDetailsResponseMessage Event Details(var) Failed Equipment Details(var)			NMS Update Event Request Message (Activity Completed)			DVM Mapping		Oracle Utilities Network Management System Column	Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column		
eventDetails(var)		Group	eventDetails	event	Group				
details	eventDetails	Group	details	eventDetails	Group				Iterate for each eventDetails details values
v	details	String	v	details	Field				
name	details	String	name	details	Field				
failedEquipment(Var)		Group	failedEquipment	event	Group				Iterate for each failedEquipment fields values
fields	failedEquipment	Group	fields	faileEquipment	Group				
v	fields	String	v	fields	Field				
name	fields	String	name	fields	Field				
			ConnectivityProper ties		Group				
			RestAPI	ConnectivityPropert ies	Group				

OFSC Get ActivityDetailsResponseMessage Event Details(var) Failed Equipment Details(var)			NMS Update Event Request Message (Activity Completed)			DVM Mapping		Oracle Utilities Network Management System Column	Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column		
nms_instanceId	activities.definitions.getActivitySchema	String	BaseURI	RestAPI	Field	OUTL-BRT-NMS_OFSC_InstanceIDToBucket		NMS_InstanceID, NMS_InstanceURL	

NMSUpdateActivity(CMP) Mapping

OFS Activity Event Receive Message OFS Get ActivityDetails Response Message"			NMS Update Activity Request Message (Activity Completed)			DVM Mapping		Oracle Utilities Network Management System Column	Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column		
notify_POST		Outerm osttag	request-wrapper		Outerm osttag				
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				

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	
resourceId	activityDetails	String	Crew Id	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		Group				
			RestAPI	ConnectivityProperties	Group				
nms_instanceId	activities.definitions.getActivitySchema	String	BaseURI	RestAPI	Field	OUTL-BRT-NMS_OFSC_InstanceIDToBucket		NMS_InstanceID, NMS_InstanceURL	

NMSUpdateEvent(CNLorNOTDONE) Mapping

OFS GetActivityDetails Response Message			NMS Update Event Request Message (Activity Cancelled/NotDone)			DVM Mapping		Oracle Utilities Network Management System Column	Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column		
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				
			cancellation	topLevelArray	Field				Hard code to "false"
nms_cancel_reason	activities.definitions.getActivitySchema	String	cancelReason	topLevelArray	Field				
			ConnectivityProperties		Group				
			RestAPI	ConnectivityProperties	Group				
nms_instanceId	activities.definitions.getActivitySchema	String	BaseURI	RestAPI	Field	OUTL-BRT-NMS_OFSC_InstanceIDToBucket		NMS_InstanceID, NMS_InstanceURL	

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		Outerm osttag	request-wrapper		Outerm osttag				
events.definitions.acti vityEvent	notify_POST	Group	topLevelArray	Request-Wrapper	Group				
eventType	events.definitions.a ctivityEvent	String	State	topLevelArray	Field	OUTL-BRT- NMS_OFSC_ ActivityStatus	OFSC_EventTyp e	NMS_ActivityS tatus	
activityDetails	events.definitions.a ctivityEvent	Group							
activityId	activityDetails	String	externalId	topLevelArray	Field				
resourceId	activityDetails	String	crew Id	topLevelArray	Field				
apptNumber	activityDetails	String	id	topLevelArray	Field				
eventType	events.definitions.a ctivityEvent	String	action	topLevelArray	Field	OUTL-BRT- NMS_OFSC_ ActivityStatus	OFSC_EventTyp e	NMS_ActionC ode	
canonical_GETResp onse		Outerm osttag							
activities.definitions.g etActivitySchema	canonical_GETRes ponse	Group							
			ConnectivityProper ties		Group				

OFS Activity Event Receive 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	
			RestAPI		ConnectivityProperties				
nms_instanceId	activities.definitions.getActivitySchema	String	BaseURI	RestAPI	Field	OUTL-BRT-NMS_OFSC_InstanceIDToBucket		NMS_InstanceID, NMS_InstanceURL	

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				
events.definitions.activityEvent	notify_POST	Group	TemplateParameters	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		Oracle Utilities Network Management System Column	Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column		
notify_POST		Outerm osttag	request-wrapper		Outerm osttag				
events.definitions.activityEvent	notify_POST	Group	topLevelArray	Request-Wrapper	Group				
activityChanges	events.definitions.activityEvent	Group							
			state	topLevelArray	Field				Map with the variable 'crewStaus' . (**crewStaus is 'DISPATCHED' or 'NO_CREW' depending on the resourceType**)
resourceId	activityChanges	String	crew Id	topLevelArray	Field				Map resourceId if crewStatus = 'DISPATCHED'
canonical_GETResponse		Outerm osttag							
activities.definitions.getActivitySchema	canonical_GETResponse	Group							
activityId	activities.definitions.getActivitySchema	String	externalId	topLevelArray	Field				

OFS Activity Event Receive Message OFS Get ActivityDetails Response Message			NMS Update Activity Request Message (Activity Moved)			DVM Mapping		Oracle Utilities Network Management System Column	Comments
Element Name	Parent Element	Type	Element Name	Parent Element	Type	DVM Name	Oracle Field Service Column		
apptNumber	activities.definitions.getActivitySchema	String	id	topLevelArray	Field				
activityType	activities.definitions.getActivitySchema	String	type	topLevelArray	Field				
			ConnectivityProperties		Group				
			RestAPI	ConnectivityProperties	Group				
nms_instanceId	activities.definitions.getActivitySchema	String	BaseURI	RestAPI	Field	OUTL-BRT-NMS_OFSC_InstanceIDToBucket		NMS_InstanceID, NMS_InstanceURL	