

OGW Service 30: SetPermission

OSF

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1 Description

- A new service will be exposed by OGW for setting the permission of new and/or an existing customer.
- The actual processing of the request will be done asynchronously.
 - For New customers
 - SetPermission will be called when CustomerID and MSISDN will be given by SetOrderStatus for KIAS.
 - SetPermission will be called when CustomerID will be given by SetOrderStatus for KD.
 - SetPermission will be called when CustomerID will be given by SetFNOrderStatus for FN.
 - For existing customers
 - SetPermission will be called asynchronously.
 - No acknowledgment will be given by OGW to Omnius that the permission(s) was set successfully/unsuccessfully.
- In telesales channel a OneDMS Meta data file for the voice log file will be created and placed to a defined directory for each mobile subscriber and for each DSL or cable customer in the order.
- In retail channel the OneDMS Meta data file is not created.

See also: [Details on Unitymedia Implementation](#)

2 Input

2.1 VFDESetPermissionInputType

Name	Type	M/O	Description
Event	vfdecommon:VFDECommonEventType	M	
DATA	VFDESetPermissionInputDataType	M	Wrapper element for input

2.2 VFDESetPermissionInputDataType

Name	Type	M/O	Description	Backend Constraints
GeneralDetails	VFDEGeneralDetailsType	M	The element contains general details that requires for setting the customer permission and archiving of the meta-data file.	
CustomerList	VFDECustomerListType	M	The element contains customer basic information that required for setting permission and archiving of the meta-data file.	
SubscriberList	VFDESubscriberListType	O	The element required (mandatory) for Mobile customers only.	
PermissionList	VFDEPermissionListType	M	The element is required for all line of business (DSL, Cable, Mobile_Postpaid).	

2.3 VFDEGeneralDetailsType

Name	Type	M/O	VV	Description	Special Instructions
CallType	String	M	"Support"		Will be populated with a fixed value of "Support"
CallSubtype	String	M	"BEWPermission"		Will be populated with a fixed value of "BEWPermission"
OmnibusOrderID	String	O		Omnibus Order ID	For new customers and existing customers (Not BEWOnly), the field will be mandatory.
Dailer_Prefix	String	C	UCT	Dialer prefix of the used system.	Will be populated with a fixed value of UCT.

Name	Type	M/O	VV	Description	Special Instructions
				Has to be filled, when Channel value is "telesales"	
UniqueTransactionID	String	C		Unique transaction ID. Has to be filled when Channel value is "telesales"	As of now, since only Telesale is being used as a sales channel, the field will be populated with UCT transaction ID and it will be used by OGW as Call ID.
Channel	String	M	Telesales, Retail, MyVF	Sales Channel	
DealerCode	vfdecommon:Value(1..n)	M			
CampaignID	String	O			
OrderType	String	M	NoSalesOrder, WithSalesOrder	Indicator for order orchestration	<ul style="list-style-type: none"> NoSalesOrder - Only for existing customers . WithSalesOrder - It will always be with an order , and we will wait for customer to be activated.

2.4 VFDECustomerListType

Name	Type	M/O	VV	Description	Special Instructions
CustomerDetails	VFDECustomerDetailsType(0..n)	O		List of Customer.	

2.5 VFDECustomerDetailsType

Name	Type	M/O	VV	Description	Special Instructions	Backend Constraints
CustomerSequence	String	M		Sequence of the customer - will be		

Name	Type	M/O	VV	Description	Special Instructions	Backend Constraints
				used as a reference in the other entities.		
CustomerID	String	M		The Customer ID in the legacy system.	For existing customers, please provide the CustomerID in the legacy. For new customers, please provide an empty tag <CustomerID></CustomerID>	Max Length: 12. DSL Customer ID Regex - [0-9]{12} Mobile Customer ID – 9.
LineOfBusiness	String	M	Mobile_Postpaid, Mobile_Prepaid, Cable, DSL			
TargetSystem	String	O	KD, UN, UH, UB, KIAS, FN			
FirstName	String	M		Customer First Name		
LastName	String	M		Customer Last Name		
SourceSystemID	String	O	OSF.TCP, OSF.TNC, OSF.RCP, OSF.RNC		For Cable and DSL customers, the field is mandatory. For Mobile customers, the field will be provided in Subscriber Level. OSF.TCP – for existing customer in telesales channel OSF.TNC – for new customer in telesales channel OSF.RCP – for existing customer in retail channel OSF.RNC – for new customer in retail channel	

2.6 VFDESubscriberListType

Name	Type	M/O	VV	Description	Special Instructions
SubscriberList	VFDESubscriberw customer.omer.eempty tag <CustomerID></CustomerID>setting the customer permission./ng customer.DetailsType (0..n)	O		List of Customer.	

2.7 VFDESubscriberDetailsType

Name	Type	M/O	VV	Description	Special Instructions	Backend Constraints
SubscriberSequence	String	M		Sequence of the subscriber - will be used as a reference in the other entities.		
CustomerSequence	String	M		Sequence of the customer - will be used as a reference in the other entities.		
MSISDN	String	M		The Subscriber Number.	For existing subscribers, please provide the number including GSM prefix. i.e. <MSISDN>GSM1601201902</MSISDN> For new subscribers, please provide an empty tag. i.e. <MSISDN></MSISDN>	
SourceSystemID	String	M	OSF.TCP, OSF.TNC, OSF.RCP, OSF.RNC		OSF.TCP – for existing BAN in telesales channel OSF.TNC – for new BAN in telesales channel OSF.RCP – for existing BAN in retail channel OSF.RNC – for new BAN in retail channel	

Name	Type	M/O	VV	Description	Special Instructions	Backend Constraints
ExistingSubscriber	String	O	Y, N	if the Subscriber is existing Subscriber (already activated)	It will be defaulted as N, i.e. After release of CR 886 , if this fields is not part of the input OGW will consider the value is N in code as default .	CR 886

2.8 VFDEPermissionListType

Name	Type	M/O	VV	Description	Special Instructions
PermissionList	VFDEPermissionw customer.omer.eempty tag <CustomerID></CustomerID>setting the customer permission./ng customer.DetailsType (1..n)	M		List of Customer.	

2.9 VFDEPermissionDetailsType

Name	Type	M/O	VV	Description	Special Instructions	Backend Constraints
PermissionID	String	M	ADV, DEV			Max Length: 3
NewPermissionValue	String	M	Y/N			Max Length: 1
ServiceID	String	M	GENE			Max Length: 4
BEWVersion	Integer	M				Max Length: 3
EffectiveDate	DateTime	M		yyyy-MM-ddThh:mm:ss e.g 2015-05-19T16:53:45	CET timezone should be used.	
CustomerSequence	String	M		Sequence of the customer - will be used as a reference in the other entities.		
SubscriberSequence	String	O		Sequence of the subscriber - will be used as a	For mobile customers, the field is mandatory.	

Name	Type	M/O	VV	Description	Special Instructions	Backend Constraints
				reference in the other entities.		
Blacklisting	boolean	C			Mandatory, when no permission ID is set	

3 Output

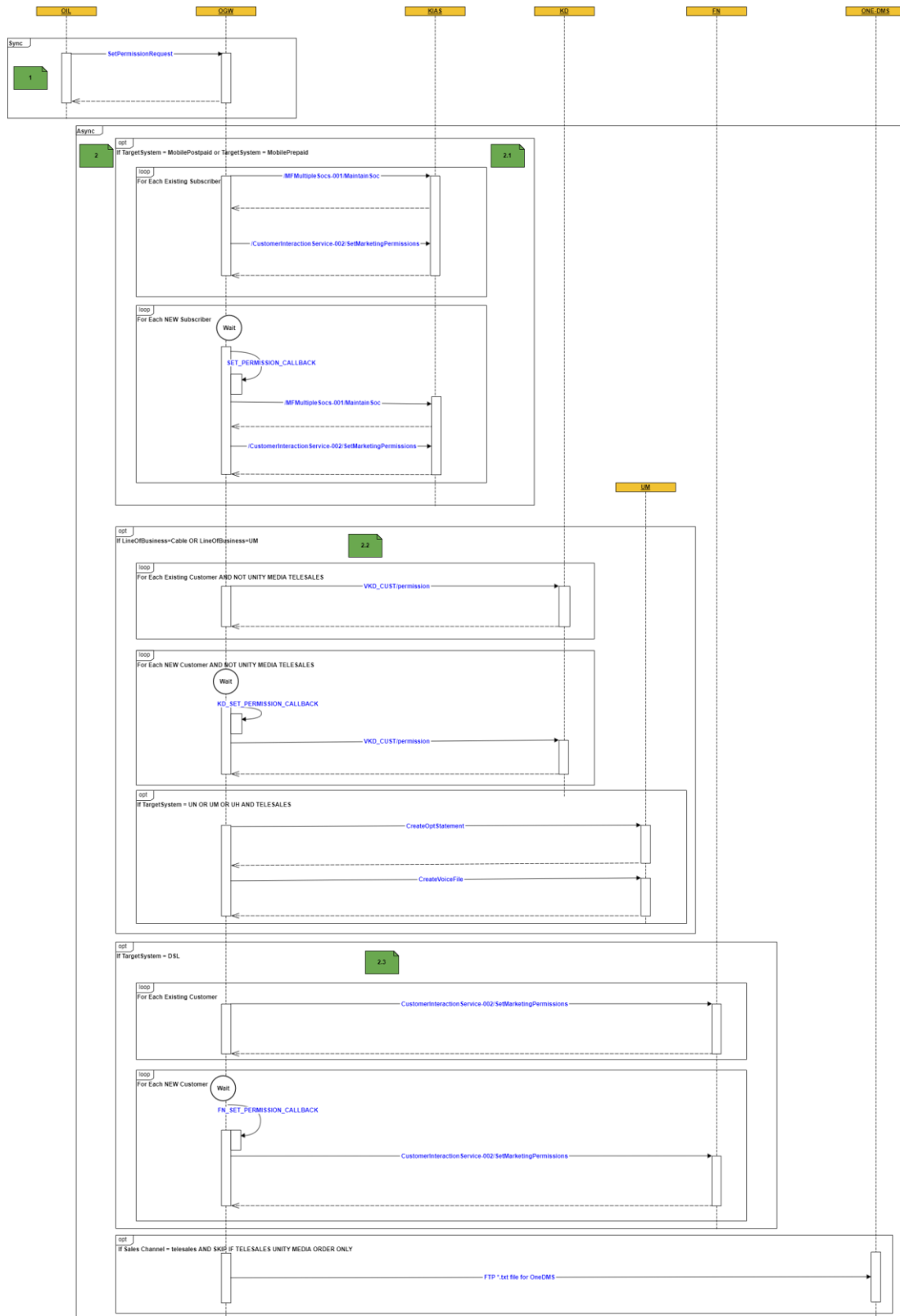
3.1 VFDESetPermissionOutputType

Name	Type	M/O	Description
Event	vfdecommon:VFDECommonEventType	M	Wrapper element of applicative headers
Status	vfdecommon:VFDECommonStatusType	M	Wrapper element for status

4 Errors

Error ID	Description
OGWERR-7000	Validation – Source System ID must be provided within customer entity for Cable and DSL customers.

5 Flow



Below Description of Above Flow :

1. Omnius calls SetPermissionRequest API Exposed by OGW with defined Input and Output Structure above in WS Server:

- EG Name: **VFDESetPermissionEG**
- OperationName: **SetPermission**
- Flow
 Invoked: [vfde/permission/setPermission/handler/vfde_set_permission_main_flow.xml](#)
 - Activities Performed as below:
 - Create a Message for Async Processing with OGW as below:
 - TABLE_NAME: JESI_WF_AMDOCS_SUBSCRIBE
 - MESSAGE_NAME: SetPermissionRequest
 - MESSAGE_DATA: Input Request XML from Omnius.

2. Upon receiving Async Message below activities are done:

- Flow
 Invoked: [vfde/permission/setPermission/handler/vfde_set_permission_async_main_flow.xml](#)
 - Below Activities are performed in this flow:
 - Identify the TargetSystem and accordingly call the to LegacySystem Flow..

2.1 For MobilePostpaid and MobilePrepaid below activities are performed

- Flow
 Invoked: [vfde/permission/setPermission/kias/vfde_mobile_set_permission_wrapper.xml](#)
 - Activities For Existing Subscribers:
 - Call
 Flow [vfde/permission/setPermission/kias/vfde_mobile_set_permission_handler.xml](#) to do as follows:
 - If the Blacklisting is set as true then OGW will call MaintainSoc API to remove the UNTERLASS SOC from the customer.
 - Flow
 Invoked: [vfde/order/kias/services/vfde_kias_submitorder_MaintainSoc_flow.xml](#)
 - Input to KIAS: **maintainSocInput**
 - Output from KIAS: **maintainSocOutput**
 - After above checks done then OGW calls KIAS for setting the permission :
 - Input to KIAS: **SetMarketingPermissionsRequest**
 - Output from KIAS: **SetMarketingPermissionsResponse**
 - In case of Failure during call to KIAS:
 - OGW will create a Ticket directly in SKY and wait for Ticket Resolution in case its not a Communication Exception.
 - In Case of CommunicationException, OGW will do 3 Retries of the Request and Still receives the error then the Ticket is Created and waits for Resolution from SKY.

- If Resolution is "**Success-Resume**" then OGW will Retry the Steps and Call KIAS.
 - If Resolution is "**Failed-NoResume**" the OGW will Terminate the process and end the Flow.
- Create OneDMS File and place it in Shared Directory with OneDMS.
 - FileName: **VOICE_FILE_META_DATA_FILE_NAME**
 - FilePath: **FilePath**
 - FileContent: **voiceFileContent**
- Activities for NEW Subscribers
 - OGW Waits for the Message "**KIAS_SET_PERMISSION_CALLBACK**" which receives the input as SubscriberNumber and CustomerNumber(in case of New Customer).
 - Once message is received OGW do as follows:
 - Call
Flow [vfde/permission/setPermission/kias/vfde_mobile_set_permission_handler.xml](#) which is calling KIAS and below variables holds the data
 - If the Blacklisting is set as true then OGW will call MaintainSoc API to remove the UNTERLASS SOC from the customer.
 - Flow
Invoked: vfde/order/kias/services/vfde_kias_submitorder_MaintainSoc_flow.xml
 - Input to KIAS: **maintainSocInput**
 - Output from KIAS: **maintainSocOutput**
 - After above checks done then OGW calls KIAS for setting the permission :
 - Input to KIAS:
SetMarketingPermissionsRequest
 - Output from
KIAS: **SetMarketingPermissionsResponse**
 - In case of Failure during call to KIAS:
 - OGW will create a Ticket directly in SKY and wait for Ticket Resolution in case its not a Communication Exception.
 - In Case of CommunicationException, OGW will do 3 Retries of the Request and Still receives the error then the Ticket is Created and waits for Resolution from SKY.
 - If Resolution is "**Success-Resume**" then OGW will Retry the Steps and Call KIAS.
 - If Resolution is "**Failed-NoResume**" the OGW will Terminate the process and end the Flow.
 - Create OneDMS File and place it in Shared Directory with OneDMS.
 - FileName: **VOICE_FILE_META_DATA_FILE_NAME**
 - FilePath: **FilePath**

- FileContent: **voiceFileContent**

2.2 For Cable/UM below activities are performed

- Flow
Invoked: [vfde/permission/setPermission/kd/vfde_cable_set_permission_handler.xml](#)
 - Activities For Existing Customers AND NOT UM Telesales:
 - Call VKD_CUST/permission service of Cable below variables holds the data
 - Input to KD: **SetMarketingPermissionsRequest**
 - Output from KD: **SetMarketingPermissionsResponse**
 - In case of Failure during call to KD:
 - OGW will create a Ticket directly in SKY and wait for Ticket Resolution in case its not a Communication Exception.
 - In Case of CommunicationException, OGW will do 3 Retries of the Request and Still receives the error then the Ticket is Created and waits for Resolution from SKY.
 - If Resolution is "**Success-Resume**" then OGW will Retry the Steps and Call KD.
 - If Resolution is "**Failed-NoResume**" the OGW will Terminate the process and end the Flow.
 - Create OneDMS File and place it in Shared Directory with OneDMS.
 - FileName: **VOICE_FILE_META_DATA_FILE_NAME**
 - FilePath: **FilePath**
 - FileContent: **voiceFileContent**
 - Activities for NEW Customers AND NON UM Telesales:
 - OGW Waits for the Message "**KD_SET_PERMISSION_CALLBACK**" which receives the input CustomerNumber.
 - Once message is received OGW do as follows:
 - Call VKD_CUST/permission service of Cable below variables holds the data
 - Input to KD: **SetMarketingPermissionsJsonRequest**
 - Output from KD: **SetMarketingPermissionsResponse**
 - In case of Failure during call to KD:
 - OGW will create a Ticket directly in SKY and wait for Ticket Resolution in case its not a Communication Exception.
 - In Case of CommunicationException, OGW will do 3 Retries of the Request and Still receives the error then the Ticket is Created and waits for Resolution from SKY.
 - If Resolution is "**Success-Resume**" then OGW will Retry the Steps and Call KD.
 - If Resolution is "**Failed-NoResume**" the OGW will Terminate the process and end the Flow.
 - Create OneDMS File and place it in Shared Directory with OneDMS.
 - FileName: **VOICE_FILE_META_DATA_FILE_NAME**
 - FilePath: **FilePath**

- FileContent: **voiceFileContent**
- In case the Customer also belongs to Unity Media i.e TargetSystem has value UN/UH/UB then flow is extended by below triggers.
 - Check in **VOICE_FILES_TO_PROCESS** table is there is an existence of MetadataFile and VoiceFile for the input UniqueTransactionID.
 - If there is a FileName present then OGW will do as follows:
 - Call CreateOptStatement service of Anypoint
 - Input to Anypoint: **optStatementContent**
 - Output from Anypoint: **CreateOptStatementResponse**
 - Call CreateVoice Serice of Anypoint
 - Input to Anypoint: **OptFileName**
 - Output from Anypoint: **na**
 - If FileName is not found then OGW is waiting for message **ARCHIVE_VOICE_FILE** from the ArchiveFile API which is triggered by the calling System with the uniqueTransactionID.
 - After receiving File Name then OGW will do as follows:
 - Call CreateOptStatement service of Anypoint
 - Input to Anypoint: **optStatementContent**
 - Output from Anypoint: **CreateOptStatementResponse**
 - Call CreateVoice Serice of Anypoint
 - Input to Anypoint: **OptFileName**
 - Output from Anypoint: **na**

2.3 For DSL below activities are performed

- Flow Invoked: *vfde/permission/setPermission/fn/vfde_dsl_set_permission_handler.xml*
- Activities For Existing Customers:
 - Call SetMarketingPermissions service of FN below variables holds the data
 - Input to FN: **SetMarketingPermissionsRequest**
 - Output from FN: **SetMarketingPermissionsResponse**
 - In case of Failure during call to FN:
 - OGW will create a Ticket directly in SKY and wait for Ticket Resolution in case its not a Communication Exception.
 - In Case of CommunicationException, OGW will do 3 Retries of the Request and Still receives the error then the Ticket is Created and waits for Resolution from SKY.
 - If Resolution is "**Success-Resume**" then OGW will Retry the Steps and Call FN.
 - If Resolution is "**Failed-NoResume**" the OGW will Terminate the process and end the Flow.
 - Create OneDMS File and place it in Shared Directory with OneDMS.
 - FileName: **VOICE_FILE_META_DATA_FILE_NAME**

- FilePath: **FilePath**
- FileContent: **voiceFileContent**
- Activities for NEW Customers
 - OGW Waits for the Message "**FN_SET_PERMISSION_CALLBACK**" which receives the input CustomerNumber.
 - Once message is received OGW do as follows:
 - Call SetMarketingPermissions service of FN below variables holds the data
 - Input to FN: **SetMarketingPermissionsRequest**
 - Output from FN: **SetMarketingPermissionsResponse**
 - In case of Failure during call to FN:
 - OGW will create a Ticket directly in SKY and wait for Ticket Resolution in case its not a Communication Exception.
 - In Case of CommunicationException, OGW will do 3 Retries of the Request and Still receives the error then the Ticket is Created and waits for Resolution from SKY.
 - If Resolution is "**Success-Resume**" then OGW will Retry the Steps and Call FN.
 - If Resolution is "**Failed-NoResume**" the OGW will Terminate the process and end the Flow.
 - Create OneDMS File and place it in Shared Directory with OneDMS.
 - FileName: **VOICE_FILE_META_DATA_FILE_NAME**
 - FilePath: **FilePath**
 - FileContent: **voiceFileContent**

6 Consumed Services

	Documentation Link
APP-22314: Interface VKD_CUST - Cable Customer	https://de.confluence.agile.vodafone.com/x/Z--kC Resource permission