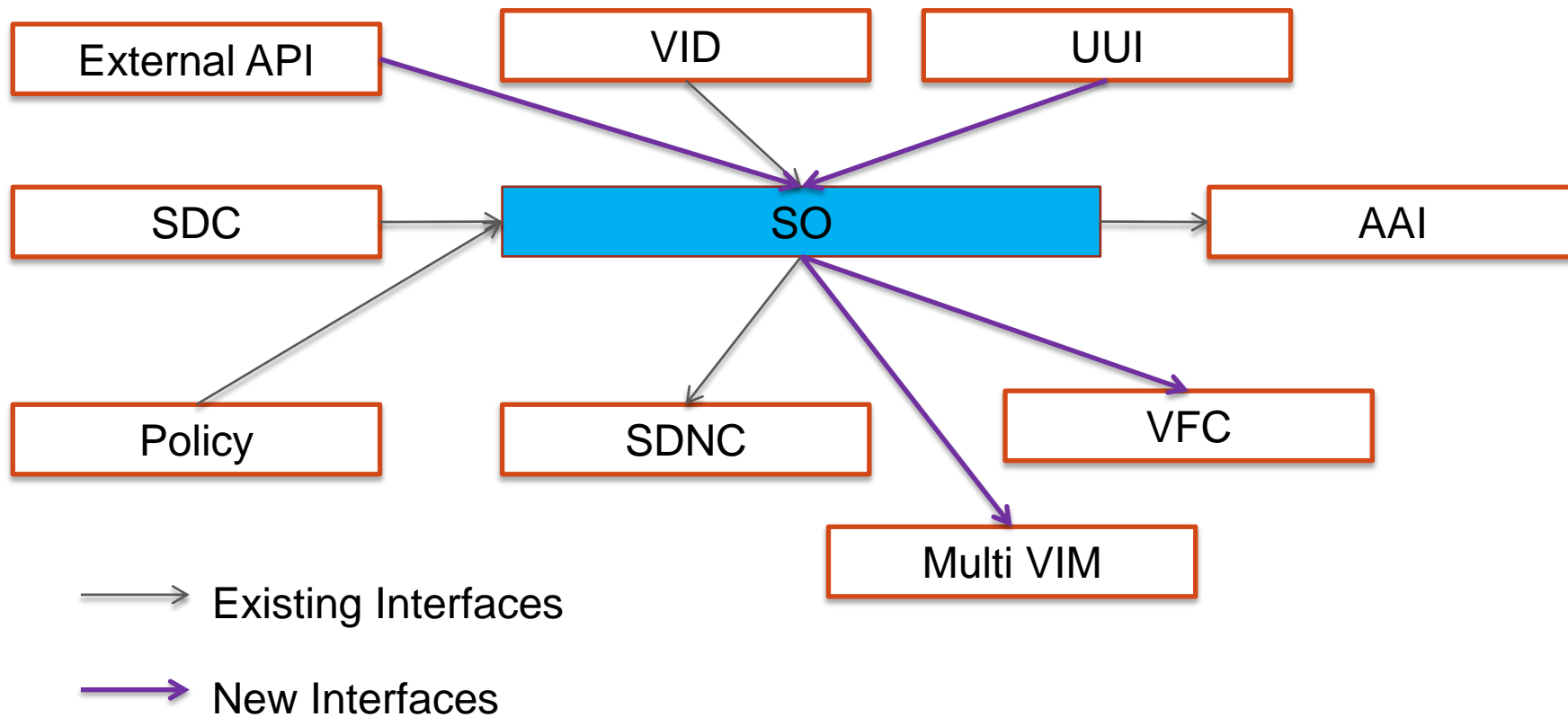


SO APIs

SO – ONAP Module Interactions



VID-MSO Service Instantiation Interface Design

Jan 2017 – version 1.0

Document Attributes

Attribute	Value
Other Attributes	The interfacing application is VID or any NorthBound Application using that interface to trigger MSO.

Revision History

The following table lists the revision history of this document:

Author	Date	Version #	Revision Description
MSO dev. team	01/23/2017	1.0	intitial version

SO NBI :UUI-SO

API name/URI	Create Service : http(s)://[hostname][:port]/so/e2eServiceInstances/v2	
Type	POST	<pre>{ "service":{ "name":"so_test1", "description":"so_test1", "serviceDefId":"60c3e96e-0970-4871-b6e0-3b6de7561519", "templateId":"592f9437-a9c0-4303-b9f6-c445bb7e9814", "parameters":{ } } }</pre>
Direction (incoming/outgoing)	incoming	
Adjacent module(s)		
Information expected	Service id, operation id	
Information provided	Service template id, name, description, parameters	
API name/URI	Delete NS: http(s)://[hostname][:port]/so/e2eServiceInstances/v2/{serviceId}	
Type	DELETE	
Direction (incoming/outgoing)	incoming	
Adjacent module(s)		
Information expected	operation id	
Information provided	Service instance id	
API name/URI	Query Progress:http(s)://[hostname][:port] /so/e2eServiceInstances/v2/{serviceId}/operations/{operationId}	
Type	GET	
Direction (incoming/outgoing)	incoming	
Adjacent module(s)		
Information expected	Operation progress information	
Information provided	service instance id, operation id	

SO-VFC

API name/URI	Create NS : http(s)://[hostname][:port]/api/nslcm/v1/ns	
Type	POST	<pre>{ "nsdId":"1", "nsName":"vCPE_NJ", "description":"Nanjing_vCPE" }</pre>
Direction (incoming/outgoing)	outgoing	
Adjacent module(s)		
Information expected	NS instance id	
Information provided	Ns template id, name, description	
API name/URI	Instantiate NS: http(s)://[hostname][:port]/api/nslcm/v1/ns/{nsInstanceId}/Instantiate	
Type	POST	<pre>{ "nsInstanceId":"1", "LocationConstraints":[{ "vnfProfileId":"zte-CSCF-1.0", "locationConstraints":{ "vimId":"1" } }], "additionalParamForNs":{ "vCPE":"1111" } }</pre>
Direction (incoming/outgoing)	outgoing	
Adjacent module(s)		
Information expected	Instantiate job id	
Information provided	NS instance id, VNF VIM location, NS parameters	
API name/URI	Terminate NS: http(s)://[hostname][:port]/api/nslcm/v1/ns/{nsInstanceId}/Terminate	
Type	POST	<pre>{ "nsInstanceId":"1", "terminationType":"graceful", "gracefulTerminationTimeout":"60" }</pre>
Direction (incoming/outgoing)	outgoing	
Adjacent module(s)		
Information expected	Terminate job id	
Information provided	NS instance id, termination type, timeout	

SO-VFC

API name/URI	Delete NS : http(s)://[hostname][:port]/api/nslcm/v1/ns/{ nsInstancelid}	
Type	DELETE	
Direction (incoming/outgoing)	outgoing	
Adjacent module(s)		
Information expected	Delete result	
Information provided	Ns template id	
API name/URI	Query Job :http(s)://[hostname][:port]/api/nslcm/v1/jobs/{jobId}&responselId={ responselId}	
Type	GET	
Direction (incoming/outgoing)	outgoing	
Adjacent module(s)		
Information expected	The progress information of the job.	
Information provided	Job id	

NSLCM API Link : <https://wiki.onap.org/display/DW/VF-C+R1+Deliverables>

SO-AAI

API name/URI	create or update an existing service-instance /business/customers/customer/{global-customer-id}/service-subscriptions/service-subscription/{service-type}/service-instances/service-instance/{service-instance-id}	
Type	PUT	
Direction (incoming/outgoing)	outgoing	
Adjacent module(s)		
Information expected	response codes	
Information provided	global-customer-id, service-type, service-instance-id, service-instances	
API name/URI	delete an existing service-instance /business/customers/customer/{global-customer-id}/service-subscriptions/service-subscription/{service-type}/service-instances/service-instance/{service-instance-id}	
Type	DELETE	
Direction (incoming/outgoing)	outgoing	
Adjacent module(s)		
Information expected	response codes	
Information provided	global-customer-id, service-type, service-instance-id	

A&AI API Link :

https://wiki.onap.org/download/attachments/13598793/aai_swagger_v11.html?api=v2

SO-AAI

API name/URI	returns service-instances /business/customers/customer/{global-customer-id}/service-subscriptions/service-subscription/{service-type}/service-instances	
Type	GET	
Direction (incoming/outgoing)	outgoing	
Adjacent module(s)		
Information expected	service-instances	
Information provided	global-customer-id; service-type	
API name/URI	returns service-instance /business/customers/customer/{global-customer-id}/service-subscriptions/service-subscription/{service-type}/service-instances/service-instance/{service-instance-id}	
Type	Get	
Direction (incoming/outgoing)	outgoing	
Adjacent module(s)		
Information expected	service-instance	
Information provided	global-customer-id, service-type, service-instance-id	

A&AI API Link :

https://wiki.onap.org/download/attachments/13598793/aai_swagger_v11.html?api=v2

SO-AAI

API name/URI	see node definition for valid relationships /business/customers/customer/{global-customer-id}/service-subscriptions/service-subscription/{service-type}/service-instances/service-instance/{service-instance-id}/relationship-list/relationship	
Type	PUT	
Direction (incoming/outgoing)	outgoing	
Adjacent module(s)		
Information expected	response codes	
Information provided	global-customer-id, service-type, service-instance-id, relationship	
API name/URI	delete an existing relationship /business/customers/customer/{global-customer-id}/service-subscriptions/service-subscription/{service-type}/service-instances/service-instance/{service-instance-id}/relationship-list/relationship	
Type	DELETE	
Direction (incoming/outgoing)	outgoing	
Adjacent module(s)		
Information expected	response codes	
Information provided	global-customer-id, service-type, service-instance-id	

A&AI API Link :

https://wiki.onap.org/download/attachments/13598793/aai_swagger_v11.html?api=v2

SO-SDNC

<https://wiki.onap.org/display/DW/How+to+use+SLI-API+for+SDNC+Model%2C+Directed+Graph+and+Adapter+prototyping>

<https://wiki.onap.org/display/DW/Understanding+the+the+GENERIC-RESOURCE-APIs>

SDC Catalog APIs

v1.1.0

SO-Policy

Find the API at below link

<https://wiki.onap.org/display/DW/Policy+API>

Thanks

SO-SDNC

API name/URI	http(s)://[hostname][:port]/sdnc/MSORequest	
Type	POST	
Direction (incoming/outgoing)	outgoing	
Adjacent module(s)		
Information expected	ack-final-indicator, response-text, response-code	
Information provided	svc-request-id, svc-action, svc-notification-url	
API name/URI	http(s)://[hostname][:port]/v1/sdnc/services	
Type	POST	
Direction (incoming/outgoing)	outgoing	
Adjacent module(s)		
Information expected	response codes	
Information provided	msoRequestId, msoServiceInstanceId	
API name/URI	http(s)://[hostname][:port] /SDNCNotify/services	
Type	POST	
Direction (incoming/outgoing)	outgoing	
Adjacent module(s)		
Information expected	response codes	
Information provided	svc-request-id_response-code	

SO-SDNC

API name/URI	http(s)://[hostname][:port]/SDNCNotify/event	
Type	POST	
Direction (incoming/outgoing)	outgoing	
Adjacent module(s)		
Information expected	response codes	
Information provided	event-type, event-correlator-type, event-correlator	