Service IM Conclusion Proposal to Arc

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CMCC

Summary

- 1. Have an agreement on the relation between NSD and SD, NS instance and Service instance
  - If we want to use Service to represent NS, it should cover all the attributes in NS. Otherwise, we should support both NS instance and Service instance.
  - Chesla will work with VF-C team on design instance model containing NS attributes
  - CMCC and Verizon will clarify the deployment scenarios that need ONAP to support NS modeling.

- 2. Modeling of network slicing has been started in modeling subcommittee. For people who have ideas about network slicing modeling should present their proposal to service IM call.
  - Aim at having maximum consistence with the current work in 3GPP, TMF, GSMA.
  - Should have a unified model of network slicing in ONAP.
  - Model of network slicing should be the one accepted by modeling subcommittee.

- 3. CCVPN Service Optimization
  - Support List type of Input in service template;
  - Add service updating workflow

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Comparison between NS instance and Service instance

AAI	VFC	AAI	VFC
service-instance-id	ID	environment-context	
	NSPACKAGEID: csar package id	workload-context	
		vnf type:This field	
service-instance-name	NAME	has been overloaded in service-specific	
description	DESCRIPTION	ways and clients should expect changes	
model-invariant-id	NSDINVARIANTID	to occur in the future to this field as	
model-version-id	NSDID:	ECOMP matures	
	SDNCONTROLLERID	created-at:create time of Network	CREATETIME
	NSLEVEL: ：eg: scale	Service	
	FLAVOURID ：eg: scale	updated-at:last update of Network	LASTUPTIME
	STATUS	Service	
	NSDMODEL: JSON string	persona-model-version	
		widget-model-id	
	SCALEPARAMS		
		widget-model-version	
service-type		vhn-portal-url:URL customers will use to	
service-role		access the vHN Portal	
selflink			
orchestration status		resource-version	
service-Instance-location-id		input-parameters	INPUTPARAMS
bandwith-total:Indicates the total bandwidth to be used for this service			SERVICETYPE (different from service-type in A&AI, here refers to Subscription)
property-value:This object is used to store slices of services being offered			GLOBALCUSTOMERID (Correspond to customer ID, the parent class of NS is SERVICETYPE, the parent class of SERVICETYPE is Customer.)

Attributes of Network service and service are different, which are managed by different modules.
Service instance model in A&AI should cover all the attributes of NS instance if we want to use service to represent NS.