

Use Case Tracking (Casablanca Scaling)

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Development Status

Here we will track the development status of each Requirement. There should be a user story for every requirement within the project.

Goal	Project	PTL	JIRA Epic/User Story	Requirements
Auto Scale Out (High Priority) ON TRACK	CLAMP	Gervais-Martial Ngueko	CLAMP-189 - Getting issue details... STATUS CLAMP-190 - Getting issue details... STATUS	1. Create Threshold Crossing Alert (TCA) policies for Scaling of vDNS 2. Create Guard policies for Auto Scale Out
	Policy	Pamela Dragosh	POLICY-842 - Getting issue details... STATUS	1. Create API call to SO with VNFIInstanceID and VF_Module_Type as arguments POLICY-962 - Getting issue details... STATUS 2. Set up proper Guard Policies POLICY-963 - Getting issue details... STATUS 3. Compare number of instances to both Min and Max values POLICY-968 - Getting issue details... STATUS 4. Check Prov_Status = PROV POLICY-964 - Getting issue details... STATUS
	SO	Seshu Kumar Mudiganti	SO-676 - Getting issue details... STATUS	1. Create API for VID and Policy to call that will allow SO to scale a VNFC SO-764 - Getting issue details... STATUS 2. Create work flow to get all information needed to scale a VNFC SO-765 - Getting issue details... STATUS SO-769 - Getting issue details... STATUS SO-768 - Getting issue details... STATUS SO-778 - Getting issue details... STATUS
	AAI	James Forsyth		New Customer Query to get IP Addresses of new VNFC Instance (No longer needed: data provided in preload)
	APPC	Takamune Cho	APPC-431 - Getting issue details... STATUS	1. Process Healthcheck request from SO 2. Process ConfigScaleOut action from SO

	SDNC NO ISSUES	Dan Timoney	SDNC-235 - Getting issue details... STATUS	1. Process Healthcheck action from SO 2. Import scaling changes from APPC so that all configuration changes may be done on VNFs controlled by SDNC
	SO NO ISSUES	Seshu Kumar Mudiganti	SO-676 - Getting issue details... STATUS	1. Re-enable Healthcheck as part of workflow SO-766 - Getting issue details... STATUS SO-777 - Getting issue details... STATUS
	VID NO ISSUES	Ofir Sonsino	VID-248 - Getting issue details... STATUS	1. Update manual scaling use case to use the updated SO API for scaling 2. Update GUI to get only the information needed for SO API
	VNFRQTS NO ISSUES	Steven Wright	VNFRQTS-261 - Getting issue details... STATUS	1. Update Scaling Documentation with any changes as well as more detailed requirements
Controller Type (Medium Priority) ON TRACK	SO NO ISSUES	Seshu Kumar Mudiganti	SO-676 - Getting issue details... STATUS	1. Add a an editable table for mapping VNF_Controller _type to VNF_Type SO-763 - Getting issue details... STATUS
Homing and Capacity (Low Priority) NOT PURSUING	OOF NOT PURSUING		OPTFRA-295 - Getting issue details... STATUS	1. If possible, reuse existing R2 process for Homing and Capacity check prior to instantiating new VF_Module
	SO NOT PURSUING	Seshu Kumar Mudiganti	SO-677 - Getting issue details... STATUS	1. Call existing OOF process for Homing and Capacity Check

Testing

100% complete and tested using the latest released docker images as of 11/25/2018.

Showcase VNF	Test Environment	Integration Team Liasion
vDNS	SB04, SB02	Marco Platania

Current Status

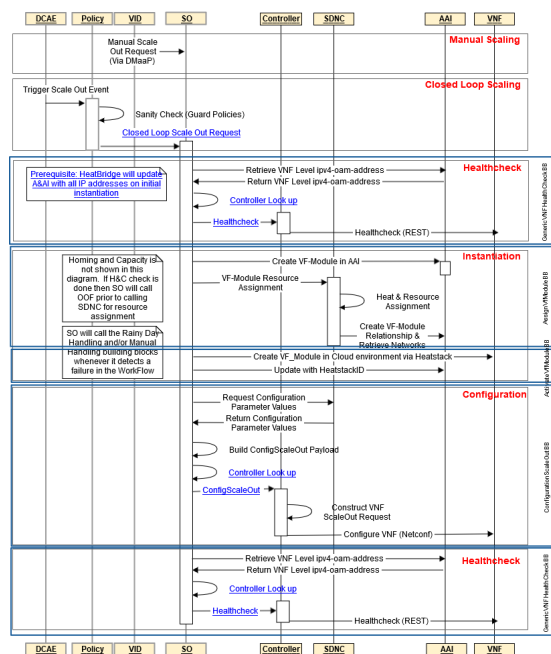
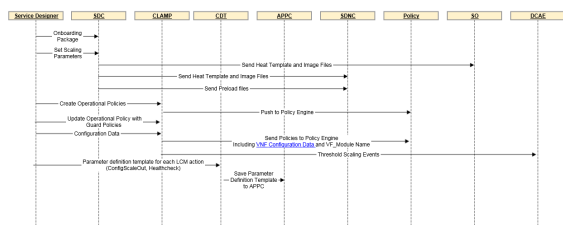
1. The Use Case is now functional in the test laps and is ready for the Casablanca release
2. There is still some non-blocking testing that must be done to show the test case works using SDNC as the VNF Controller

Summary Testing Status

Goal	Test Cases	Status
Auto Scale Out	101-112, 301-303, 501-507	COMPLETE
Manual Scale Out Enhancements	201, 401-407, 601-604	COMPLETE
Controller Type	402	COMPLETE
Homing and Capacity Check		NOT IMPLEMENTED

End to End Flow To Be Tested

Test Cases and Status



SDC

CLAMP

Manual Scaling

Closed Loop Scaling

#	Test Case	Status
301	DCAE Sends Policy a Scale Out Event when threshold is crossed	PASSED

302	Policy checks Guard policies to see if it should tell SO to Scale	PASSED
303	Policy Sends Scale Out Request to SO	PASSED

Healthcheck

#	Test Case	Status
401	SO retrieves VNF Level IP Address from AAI	PASSED
402	SO retrieves Controller_Type from internal lookup table	PASSED
403	SO Sends Healthcheck request to DMaaP	PASSED
404	APPC/SDNC picks up Healthcheck request from DMaaP	PASSED
405	APPC/SDNC sends RESTCONF Healthcheck to vLB	PASSED
406	vLB returns Healthcheck status to APPC /SDNC	PASSED
407	SO receives Healtcheck results	PASSED

Instantiation

#	Test Case	Status
501	SO sends CreateVF-Module to AAI	PASSED
502	SO Sends VFModule Resource Assignment Request to SDNC	PASSED
503	SDNC does Heat and Resource Assignment	PASSED
504	SDNC writes information to AAI	PASSED
505	SO executes Create VF_Module via Heat	PASSED
506	New instance of vDNS component is created	PASSED
507	So updates AAI with Heatstack ID	PASSED

Configuration

#	Test Case	Status
601	Request Configuration Values from SDNC	PASSED
602	SDNC Returns Configuration Values	PASSED
603	SO Builds the ConfigScaleOut Payload	PASSED
604	SO sends ConfigScaleOut to controllers via DMaaP	PASSED
605	Controllers receive ConfigScaleOut from SO via DMaaP	PASSED

606	Controllers gather required configuration information	PASSED
607	Controllers configure VNF	PASSED

Healthcheck

#	Test Case	Status
701	Healthcheck is properly run after scaling is complete	PASSED