

# Testing Status (Dublin Scaling)

## Testing Information

Showcase VNF	Test Environment	Integration Team Liasion
vDNS	SB04, SB02	<a href="#">Marco Platania</a>

## Current Status

1. Just beginning test planning
2. Testing has not yet begun

## 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 Manual Scale Out works, but requires a Postman call to SO instead of using VID
Controller Type	402	NOT YET STARTED

## End to End Flow to be Tested

## Test Cases and Status

### Design Time

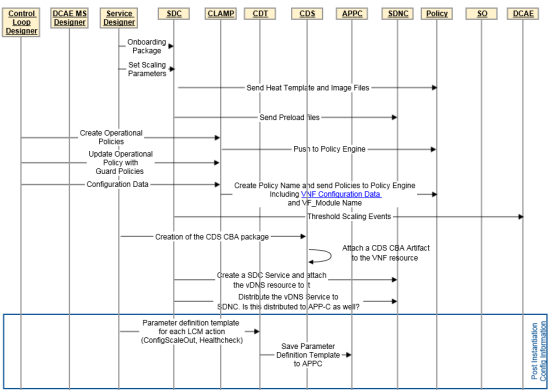
#### SDC

#	Test Case	Status
101	Create License Model in SDC	COMPLETE
102	Create Vendor Software Product (VSP) in SDC	COMPLETE
103	Create Service Model by selecting the onboarded VSP	COMPLETE
104	Attach the DCE Blueprint to the Service Model	COMPLETE
105	Service Model Distribution (AAI, SO, SDNC, CLAMP)	COMPLETE

#### CLAMP

#	Test Case	Status
106	User Permissions from AAF	COMPLETE
107	Create Closed Loop for Scale Out	COMPLETE
108	Create Scale Out Policy (Operational Policy)	COMPLETE
109	Create Guard Policies	COMPLETE

Scale Out Sequence Diagram - Design Time



110	Specify the Path Resolution of the configScaleOut Parameters	COMPLETE
111	Deploy Closed Loop to DCAE	COMPLETE
112	Push Scale Out Policy	COMPLETE
113	Push Guard Policy	COMPLETE
114	Nexus to load original Operational policy and update with guard policies	COMPLETE
115	Drools (Policy): BRMS GW to send notification to Drools about new operational policy in Nexus	COMPLETE
116	DCAE to get configuration policy from Policy	COMPLETE

## Run Time

### Manual Scaling

#	Test Case	Status
201	VID send Manual Scale Out Request to SO via REST	FAILED SO must be called using Postman rather than VID.

### Closed Loop Scaling

#	Test Case	Status
301	DCAE Sends Policy a Scale Out Event when threshold is crossed	COMPLETE
302	Policy checks Guard policies to see if it should tell SO to Scale	COMPLETE
303	Policy Sends Scale Out Request to SO	COMPLETE

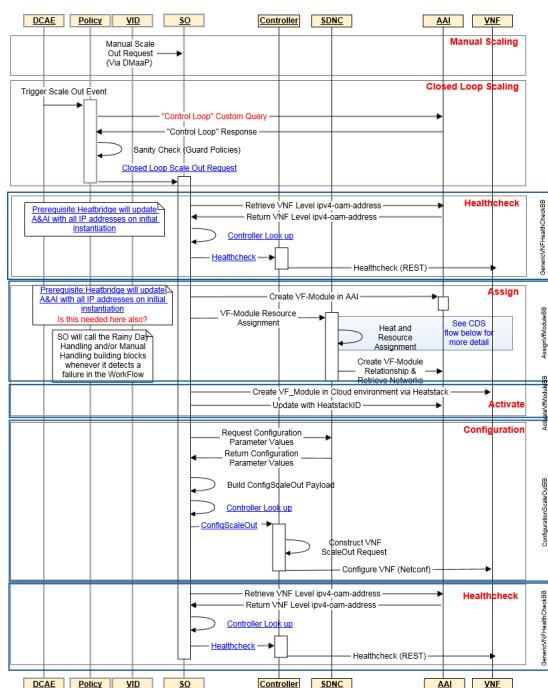
### Healthcheck

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

### Instantiation

#	Test Case	Status
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Scaling Use Case Sequence Diagram - Run Time (Draft)



501	SO sends CreateVF-Module to AAI	COMPLETE
502	SO Sends VFModule Resource Assignment Request to SDNC	COMPLETE
503	<b>SDNC does Heat and Resource Assignment</b>	COMPLETE
504	SDNC writes information to AAI	COMPLETE
505	SO executes Create VF_Module via Heat	COMPLETE
506	New instance of vDNS component is created	COMPLETE
507	So updates AAI with Heatstack ID	COMPLETE
508	Create CDS CBA package using the CDS UI	COMPLETE
509	Attach a CDS CBA Artifact to the VNF resource	COMPLETE

### Configuration

#	Test Case	Status
601	Request Configuration Values from SDNC	COMPLETE
602	SDNC Returns Configuration Values	COMPLETE
603	SO Builds the ConfigScaleOut Payload	COMPLETE
604	SO sends ConfigScaleOut to controllers via DMaaP	COMPLETE
605	Controllers receive ConfigScaleOut from SO via DMaaP	COMPLETE
606	Controllers gather required configuration information	COMPLETE
607	Controllers configure VNF	COMPLETE

### Healthcheck

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