

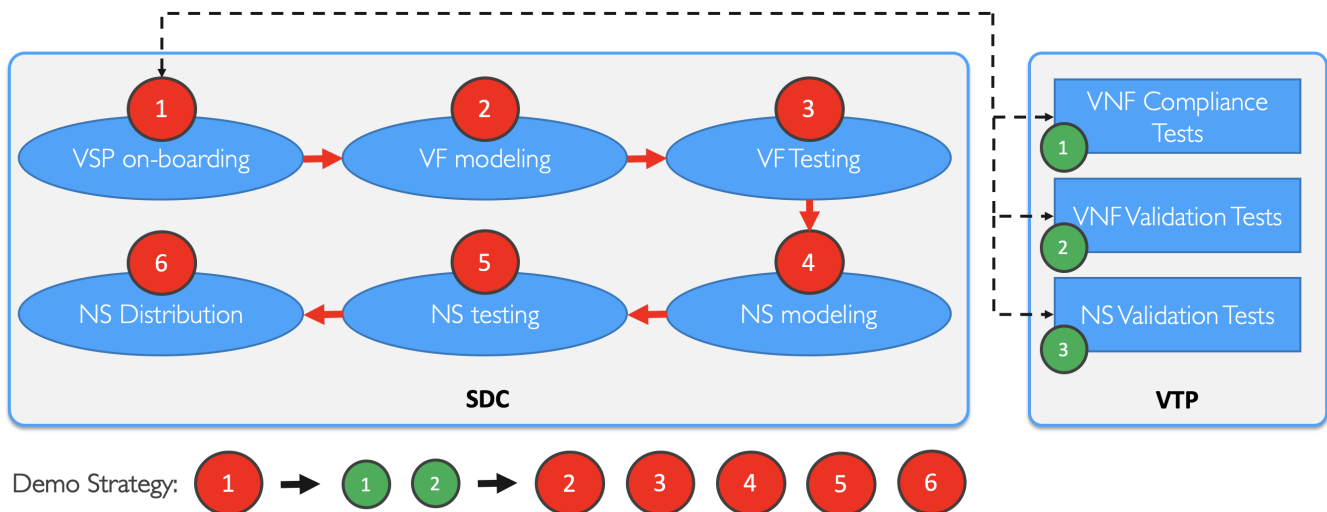
TOSCA VNF Validation Planning

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Attachments

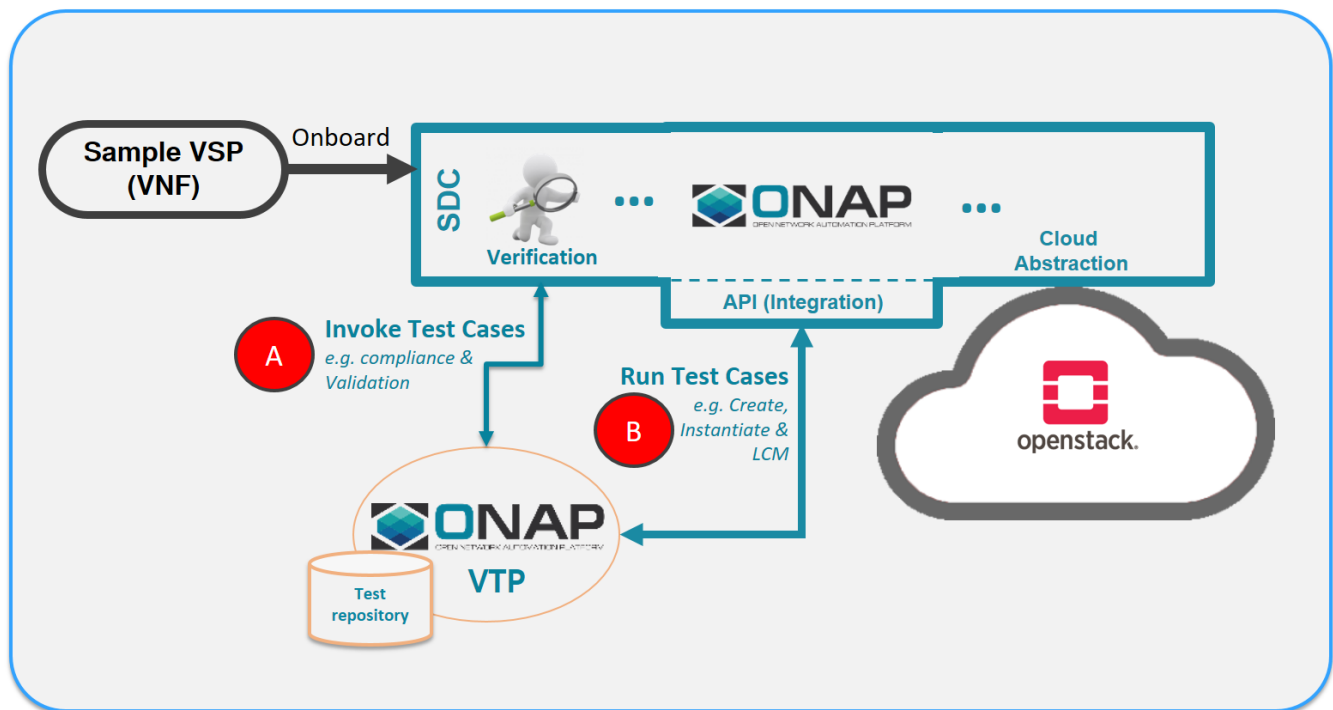
- Planning: [Tasks and timeline draft v1.xlsx](#)
- development items: [Development progress report.xlsx](#)

E2E test design and strategy



ONS EU Demo

There will be a demo at ONS EU Antwerp, Belgium to demonstrate TOSCA VNF validation.



Demo Workflow

Seq	Description	Notes
1	User Onboard VSP into SDC. (upload CSAR file).	the onboard VNF will include vendor VNF and Opensource VNF
2	Validate VSP Package within SDC. (by clicking on Validation TAB).	
3	SDC retrieves available test cases from VTP.	
4	User invokes validation test case by selecting it from available list.	Inputs to be discussed during meeting
5	VTP perform validation test.	https://wiki.onap.org/display/DW/OVP+LCM+Support#OVPLCMSupport-HowTOSCAbasedVNFisinstatiated blocked URL Questions: 1. when trigger the first step 2. Before VTP perform validation testing, VTP should create VF from onboarding VSP and assign the VNFM type to VF ,and encapsulate VF to NS. and then can execute on-board VNF and Service from SDC to VF-C
6	VTP return results to user.	
7	SDC displays result to user.	

Demo Work Progress

Schedule and Task status

W BS	TASK	LEAD	START	END	DA YS	% DONE	WORK DAYS	Risk
1	Requirements Analysis			-			-	
1.1	Team Building	Yan Yang	Mon 6 /24/19	Wed 6 /26/19	3	100%	3	
1.2	Finalize Demo workflow and architecture	Rabi&Yan&Kanag	Mon 6 /24/19	Fri 6/28 /19	5	100%	5	

1.3	Create Jira ticket in Community Jira(Epics & Stories)	Project Develop Owner Rabi to create one	Fri 6/28 /19	Mon 7/01 /19	4	80%	2	
1.3.1	Create JIRA in VNFSDK , CLI	Kanag				100%	1	
1.4	Make Workloads, Acceptance criteria,Plan, Dependencies	Yan	Fri 6/28 /19	Fri 7/05 /19	8	100%	5	
1.5	Low Level Design(Out put specification for project design to review)	Project Develop Owner	Sat 6/29 /19	Thu 7/04 /19	6	100%	5	
1.6	Low Level Design review	PTL	Thu 7/04 /19	Mon 7/08 /19	5	100%	3	
1.6.1	VNFSDK VTP, CLI and LCM automation	Kanag				100%	1	
2	Coding			-		-		
2.1	Develop Environment(local env, local test env)	Project Develop Owner	Tue 6/25 /19	Fri 6/28 /19	4	100%	4	
2.2	Code freeze	Project Develop Owner	Thu 6/27 /19	Fri 7/26 /19	30	60%	22	
2.3	Unit test	Project Develop Owner	Sat 7/20 /19	Mon 7/29 /19	10	0%	6	
2.4	Code pushed to the community	Project Community Owner	Mon 7 /29/19	Wed 7 /31/19	3	0%	3	
2.5	Add SDC missing CLI for LCM testing	Kanag	Fri 7/19 /19	Tue 08 /01/19		100%	7	SDC PTL provided good support to enable all required commands; <ul style="list-style-type: none">• Consumer creation• Property setting for NS resources• Add artifact into resource• Add artifact into service• VF model checkout and checkin
2.6	create python package for toasca lcm vnf on-boarding	Kanag	08/02/19	08/09/19				Streach goal
2.7	on-board python package into VTP as LCM test case	Kanag	07/31/19	08/05/19		90%		Under check-in
3	Testing			-		-		
3.1	E2E Test design and demo strategy	Rabi	Fri 7/05 /19	Sun 7/14 /19	10	100%	6	
3.2	E2E Test design and demo strategy review	Yan Yang	Mon 7 /15/19	Thu 7/18 /19	4	100%	4	
3.3	Internal Demo review(UI Review)	Rabi	Thu 7/18 /19	Fri 7/26 /19	9	0%	7	
3.4	Project self test	Project Develop Owner	Mon 7 /29/19	Thu 8/01 /19	4	0%	4	
3.5	Integration test plan	Wei Ran	Thu 7/18 /19	Tue 7/23 /19	6	100%	4	Given that opensource VNF test running on windriver lab, need to confirm with Huawei team if their lab could do this part too
3.6	Integration Test case output	Kanag	Fri 7/20 /18	Sun 7/22 /18	3	100%	1	Aggreed to provide vnf_id, ns_id and based on the VNF health check availability this will be extended to provide VNF status.
3.7	Integration test	Yan Yang	Mon 8 /05/19	Tue 9/03 /19	30	0%	22	
3.8	Internal Demo Show Round1	Team member	Thu 9/05 /19	Wed 9 /11/19	7	0%	5	
3.9	Internal Demo Show Round2	Team member	Mon 9 /10/18	Sun 9/16 /18	7	0%	5	
4	Labs Setup(should be ready at 8/1/19)			FALSE		-		
4.1	Detailed lab topology	guanzhi&Prabhu	Sun 7/01 /18	Thu 7/05 /18	5	100%	10	
4.2	Detailed lab topology review	guanzhi&Prabhu	Thu 7/05 /18	Thu 7/05 /18	1	100%	10	
4.3	Lab Hardware & Software readyvim vnf(m)	guanzhi&Prabhu	Fri 7/05 /19	Wed 7 /24/19	20	100%	8	
4.4	Demo Lab setup (ONAP)	guanzhi&Prabhu	Wed 7 /24/19	Tue 7/30 /19	7	80%	5	need to update the latest code to the env

Development Progress

Communi ty projects	Module detailed describe	Develo pment owner	Com munit y owner	Hua wei mem ber	CMC C mem ber	VDF mem ber	Int el pri ori ty	Jira Ticket	Completion date (requirement decomposition to community Story)	dep end enci es	Acceptance criteria	Pr oc ess	Ri sk	Pla n of next wee k.
VNFReq uiremen ts		Chuyi cmcc	Chuyi	X	X	X	X	High https://jira.onap.org/browse/VNFSDK-451 https://jira.onap.org/browse/VNFSDK-452						

SDC	1.SDC provides UI and support VNF Validation need to consider: a. how to assign the VNFMTType for on-boarding VNF b. how to encapsulate the VNF to NS, this should be implemented by VTP or design in SDC directly	soumy arup, shankar	Rabi	X	X	X	X	High	SDC-2482		All VNF Validation conditions can be preset, and VNFSDK VTP is correctly called for VNF Deployment and VNF Termination			
VNFSDK / VTP	1.Precondition VNFSDK integrate with ESR to register 3rd VNFM and VIM 2.Precondition VNFSDK integrate with SDC to encapsulate the VNF to NS 3.VNFSDK integrate with VF-C to execute VNF deployment and termination through NS API	Kanag	Kanag, Victor	x	Wei Ran	Rabi, soumyarup	x	High	https://jira.onap.org/browse/VNFSDK-424 https://jira.onap.org/browse/CLI-169		VNFSDK integrates with VF-C to complete VNF Deployment and VNF Termination using VF-C NS interface	80%		
Integration (VTP + VFC, SDC, AAI)	1.Add automatic scripts to integration testsuit, including: Automation Script(s) to on-board VSP Automation Script(s) to Create VF Automation Script(s) to Create Service Automation Script(s) to Submit Preloads Automation Script(s) to Instantiate VNF Automation Script(s) to Healthcheck VNF Clean up after test(s)	Kanag	x	x	x	x	Halim	Medium	https://jira.onap.org/browse/VNFSDK-425		Automate test steps with the script of Integration testsuit			

Demo Slide Deck

See [ONS Demo Slides v9.pptx](#)

Demo Video

[Tosca VNF Validation Testing on ONAP.wmv](#)

[Heat VNF Validation Testing on ONAP](#)

[VVP Validation Commercial VNF](#)

Demo Booth Duty Schedule

See [here](#)