

2: EI Alto Release Integration Testing Status

WORK IN PROGRESS - focus will be automated testing so some rows will be deleted from the table

Color Guide

For 2019-08-01 - ONLY Completed items should be green.

Integration Test Status										
#	Use Case	Test Cases	Lab	Integration Test Lead	Status (remaining days of effort)	Video URL	Detailed Test Status	Quick Notes	Doc status	CI integration*
1	vFW Model Driven Control Loop Design	vFW (vDNS is part of scale out use case below #10)	Intel / Windriver	Brian Freeman / Marco Platania	onboard -PASS instantiate - PASS closedloop - PASS		Retest with Policy FIX Robot fix for automation	<ul style="list-style-type: none"> ☒ POLICY-2499 - PDP-D: usecases controller fails to come up CLOSED ☒ INT-1272 - Policy ControlLoop Name should match resource ID for update to consul CLOSED 	https://docs.onap.org/en/eialto/submodules/integration.git/docs/docs_vfw.html#docs-vfw Reviewers: Morgan Richomme Bartek Grzybowski	
2	Use Case: Residential Broadband vCPE (Approved)	vCPE Integration Test Case	Intel / Windriver	Brian Freeman Bartek Grzybowski	infra-PASS bng - PASS gmux - PASS ResCust - distribute PASS ResCust - tunnel-xconn-assign - PASS tunnel-xconn-create - PASS vnf and vfmodule create PASS brg-tunnel config - PASS Traffic Flows - PASS Closed-Loop - gmux ves tca policy - PASS Policy AAI, Policy APPC , APPC Openstack PASS		vcpe.py tooling issues Looks like Error messages back from APPC despite successful restart of VM	<ul style="list-style-type: none"> ☒ SO-2354 - SO Distribution Error on Allotted Resource - duplicate primary CLOSED ☒ SO-2354 - vCPE model_customization_id not found on create vfmodule CLOSED ☒ SO-2375 - vCPE instantiate gmux fails due to API Handler error CLOSED ☒ INT-1265 - Update vcpe.py scripts for SSL based SDC CLOSED ☒ SO-2401 - Error replying to SO on vCPE vGW vnf assign - unkown host CLOSED ☒ SDNC-999 - SO notification receives HTTP 401 CLOSED ☒ SDNC-949 - topoogy-operation-create - get-vnf-api null _length CLOSED ☒ INT-1323 - vcpe.py k8 integration issues CLOSED ☒ INT-1324 - Heatbridge Tag fails on null key for \${vnf} CLOSED 	https://docs.onap.org/en/eialto/submodules/integration.git/docs/docs_vcpe.html#docs-vcpe Reviewers: Huang Haibin Marcin Przybysz	

3	vCPE with TOSCA	vCPE (tosca) with HPA - Integration test cases	Intel / Windriver	Huang Haibin Yan Yang	All test cases have been passed for supporting ovp tosca vnf validation and the following test is triggered by CLI in windriver lab 1. service design - PASS 2. service distribute - PASS 3. NS/VNF package onboarding -PASS 4. NS create/instantiate - PASS 5. NS terminate/delete- PASS PASS				
4	5G - Realtime PM and High Volume Stream Data Collection	5G - Real Time PM and High Volume Stream Data Collection - Integration Test Cases	Intel / Windriver	Marcin Przybysz Marek Pondel	PASS e2e scenarios passed on sb00 CSIT passed in release-daily			https://docs.onap.org/en/elalto/submodules/integration.git/docs/docs_5g_rtpm.html#docs-realtime-pm	
5	5G - PNF PnP	5G - PNF PnP - Integration Test Cases	Intel / Windriver	Marcin Przybysz Krzysztof Kuzmiczki	PASS e2e scenario passed on sb00		<div style="border: 1px solid #ccc; padding: 5px;">☒ SO-2289 - [Integration] CreateVcpeResCustService_simplified workflow used in PnP PNF registration workflow returns an exception in Dmaap listener CLOSED</div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;">☒ SO-2349 - [Integration] Exception in DMAAP Client when PNF_READY event arrives from PRH CLOSED</div>	https://docs.onap.org/en/elalto/submodules/integration.git/docs/docs_5g_pnf_pnp.html#docs-5g-pnf-pnp	
6	5G - Bulk PM	5G - Bulk PM - Test Status	Intel / Windriver SB-02	user-3784d Liam Burke	E/// lab	COMPLETED	<div style="border: 1px solid #ccc; padding: 5px;">☒ INT-1286 - DFC failed to publish files to Data Router due to wrong port configuration CLOSED</div>	https://docs.onap.org/en/elalto/submodules/integration.git/docs/docs_5G_Bulk_PM.html#docs-5g-bulk-pm	
7	5G - Configuration with NETCONF	5G - PNF Configuration via Netconf - Test Status	Intel/ Windriver	Rahul Tyagi Eric Moore Raj Gumma	Manual test COMPLETED CSITs are also passing which test this usecase for SOsim-> Blueprint-processor -> SDNC -> PNFsim. link is https://jenkins.onap.org/job/usecases-master-csit-config-over-netconf/ .		<div style="border: 1px solid #ccc; padding: 5px;">☒ SO-2349 - [Integration] Exception in DMAAP Client when PNF_READY event arrives from PRH CLOSED</div> Testing completed on windriver SB00 with image versions SO-bpmn : 1.5.3 Blueprint processor : 0.6.4-STAGING-latest sdnc-image:1.7.3 prh-app-server:1.3.1 vescollector:1.4.5	https://docs.onap.org/en/elalto/submodules/integration.git/docs/docs_5G_Configuration_over_NETCONF.html#docs-5g-configuration-over-netconf	

8	5G - PNF Pre-Onboarding & Onboarding	5G - Preon boarding /Onb oarding - Test Status	Intel / Windriver	<p>PNF Preonboarding (VNF SDK)</p> <p>Marcin Przybysz</p> <p>Krzysztof Kuznicki</p> <p>Dermot Melia</p> <p>PNF Onboarding (SDC):</p> <p>Andy Walshe</p>	<p>Preonboarding</p> <div style="background-color: #2e6b2e; color: white; padding: 2px 10px; border-radius: 5px; text-align: center;">PASS</div> <p>Manual test case using PNF-POB-OB-3 (5G - PNF E2E Pre-Onboarding & Onboarding Integration Test Cases)</p>				
9	5G - OOF and PCI	5G - OOF and PCI - Integration Test Cases	Windriver	<p>Swaminathan Seetharaman</p> <p>krishna moorthy</p>				https://docs.onap.org/en/elalto/submodules/integration.git/docs/docs_5G_oof_pci.html#docs-5g-oof-pci	
10	Scale Out	Scale Out - Integration Test Cases and Status	Intel / Windriver	<p>Scott Blandford, Marco Platania</p>	<p>Retesting using the latest released images.</p> <p>Manual scale out</p> <div style="background-color: #2e6b2e; color: white; padding: 2px 10px; border-radius: 5px; text-align: center;">COMPLETED</div> <p>Automated (closed-loop based) scale out:</p> <div style="background-color: #2e6b2e; color: white; padding: 2px 10px; border-radius: 5px; text-align: center;">COMPLETED</div>		<p>Manual scale out: it works with direct call to SO APIs. There is an issue with VID that will be addressed in Frankfurt as it requires to rearchitect the current approach:</p> <ul style="list-style-type: none"> ☒ VID-659 - VID generates always the same VF module name during scale out CLOSED 	https://docs.onap.org/en/elalto/submodules/integration.git/docs/docs_scaleout.html#docs-scaleout	
11	CCVPN	CCVPN Integration Test Cases	CMCC	<p>Yan Yang</p>	<p>Regression test for service creation, service change</p> <p>service creation - PASS</p> <p>service change -PASS</p> <p>service deletion - PASS</p> <div style="background-color: #2e6b2e; color: white; padding: 2px 10px; border-radius: 5px; text-align: center;">PASS</div>			https://docs.onap.org/en/elalto/submodules/integration.git/docs/docs_CCCP_N.html#docs-ccvpn	
12	HPA vFW/vDNS	vFW /vDN S HPA Testing (Test Plan 1 in HPA & Cloud Agnostic Intent - R3 Test Plan)	Intel / Windriver	<p>Itohan Ukpomwan</p> <p>Eric Multanen</p>	<div style="background-color: #2e6b2e; color: white; padding: 2px 10px; border-radius: 5px; text-align: center;">COMPLETED</div>	<p>Service instance creation fails because of error that occurs in homing. This bug is currently blocking further testing. A workaround for the SO bug has been created. See the SO bug for details.</p> <p>Now seeing another blocking error in OOF, also blocking service instance creation.</p> <p>D</p>	<ul style="list-style-type: none"> ☒ SDC-2588 - VSP License information not added when VSP is created via REST CLOSED ☒ SO-2378 - Java lang exception in Homing CLOSED ☒ OPTFRA-598 - 504 time out error encountered in homing request CLOSED ☒ OPTFRA-608 - Error in Homing with multiple policies CLOSED 	https://docs.onap.org/en/elalto/submodules/integration.git/docs/docs_vfwHPA.html#docs-vfw-hpa	

13	Change Management - Flexible Designer & Orchestrator	Steps: 1) Designing custom workflows with Workflow Designer 2) Distributing custom workflows to SO 3) Deploying the custom workflow in SO 4) Sending workflow metadata to VID 5) Triggering custom workflow execution from VID 6) Executing custom workflows in SO	Intel / Windriver	Ajay Mahimkar Elena Kuleshov Chris Rapposelli-Manzo	EL ALTO TEST COMPLETE Work arounds for some functionality. Remaining functions deferred to Frankfurt 1) Complete 2) 90% Complete 3) Complete 4) 85% Complete 5) Complete 6) 80% Complete In-Progress. 9 Building Blocks successfully tested (Check, Set & Unset Maintenance Flags, Check, Set, and Unset Closed Loop Disabled Flag, Lock & Unlock vNF, and End Workflow.). PauseForManual testing in-progress.		SDC-2544 - Custom WF not present in the CSAR package CLOSED VID-674 - Not Displaying correct Workflow Name CLOSED (671 upgraded from medium 10/7) VID-672 - Displaying Un-needed Mandatory User Inputs for Workflow with Pause CLOSED SO-2403 - Not Displaying correct Workflow Name CLOSED SO-2434 - Displaying Un-needed Mandatory User Inputs for Workflow with Pause CLOSED SO-2433 - Not providing user options during Pause For Manual Task CLOSED SO-2441 - Operations Timeout Units CLOSED VID-675 - Operations Timeout Units OPEN SO-2482 - Need to Pass WF Name vs. WF Type to VID CLOSED	https://docs.onap.org/en/elalto/submodules/integration.git/docs/_docs_CM_flexible_designer_orchestrator.html#docs-cm-flexible-designer-orchestrator Reviewers Morgan RichommeYan Yang	
14	Traffic Distribution Change Management Dublin Extensions	Steps: 1) Instantiation of vFWDT 2) Configuration of OOF Policies for vFWDT 3) Execution of OSDF/HAS requests for data collection 4) Configuration of VNF profiles in CDT 5) Configuration of Ansible Server 6) Execution of TD workflow	Intel / Windriver	Lukasz Rajewski	1) PASS 2) PASS 3) PASS 4) PASS 5) PASS 6) PASS Retesting using the latest released immages. PROGRESSING 100%	2) Possible only on Chrome Browser Ansible 0.4.4 APPC 1.6.4	PORTAL-760 - Access to Policy portal is impossible CLOSED	https://docs.onap.org/en/elalto/submodules/integration.git/docs/_docs_vFWDT.html#docs-vfw-traffic Reviewers Ruchira Agarwal Elen a Kuleshov	
15	Change Management - 5G PNF Software Upgrade	Change Management - 5G PNF Software Upgrade Integration Test Status	Intel / Windriver	yaoguang wang Ruchira Agarwal	Regression Testing for LCM:upgrade-pre-check/upgrade-software/upgrade-post-check/re rollbackNo Change in el alto COMPLETED 100% Enbo Wang yaoguang wang			https://docs.onap.org/en/elalto/submodules/integration.git/docs/_docs_5G_PNF_Software_Ugrade.html#docs-5g-pnf-software-upgrade Reviewers Jerry Flood Chris Rapposelli-Manzo	

16	Change Management - Schedule Optimization		Intel / Windriver	Ajay Mahimkar Jerry Flood	COMPLETED 100%			OPTFRA-592 - Need RC0 Container CLOSED	https://gerrit.onap.org/r/#/c/oom/+/96405/	https://docs.onap.org/en/elalto/submodules/integration.git/docs/docs_CM_schedule_optimizer.html#docs-cm-schedule-optimizer	Reviewers David Perez Caparros kris hna moorthy
17	BBS Broadband Service Use Case (Dublin)	BBS Use Case Tracking (Dublin Release) #Testing	BBS Swisscom Lab	David Perez Caparros Daniel Balsiger						https://docs.onap.org/en/elalto/submodules/integration.git/docs/docs_BBS.html#docs-bbs	Abdelmuhamen Seaudi Ritu Sood
18	VSP Compliance Check within SDC (Dublin) - Phase 1	VSP Compliance Check within SDC - Integration Test Plan	Vodafone	Prabhu Balan							
19	K8S based Cloud Region Support - vFW Use case	Deploy vFW Helm Chart using Multicloud K8s Plugin in Kubernetes Cloud	intel / Windriver	Ritu Sood Eric Multanen	COMPLETED		Retest distribution with SO 1.5.3 (includes SO-2357 fix) passed. Create and delete verified with fixes provided by two jira's - as noted Closed Loop test worked.	SO-2357 - Distribution of K8S service fails CLOSED	MULTICLOUD-835 - Cannot Register cloud region with multicloud via REST CLOSED	MULTICLOUD-845 - Multicloud-k8s image is old CLOSED	
20	K8S based Cloud Region Support - EdgexFoundry Use case	Deploy EdgeXfoundry Helm Chart using Multicloud K8s Plugin in Kubernetes Cloud	Intel/ Windriver	Akhila Kishore Kiran Kamineni	COMPLETED		Onboarding of Edgex chart is ongoing. The tar.gz has been created for the chart. Installation was completed and pods deployed.	SO-2357 - Distribution of K8S service fails CLOSED	will block progress on this.	https://docs.onap.org/en/elalto/submodules/integration.git/docs/docs_vfw_edgex_k8s.html#docs-vfw-edgex-multicloud-k8s	Reviewers Morgan Richomme Daniel Balsiger

24	ETSI Alignment SO plugin to support SOL003 to connect to an external VNFM			Fernando Oliveira Byung-Woo Jun	COMPLETED new CSIT is used for automated testing		CSIT testing simulators have been implemented, and SO and SOL003 Adapter have been tested by leveraging simulators and CSIT test scripts	<input checked="" type="checkbox"/> SO-1638 - CSIT of SOL003 ETSI Alignment CLOSED		
25	Improve our E2E Process Automation			Eric Debeau Alexis de Talhouët Abdelmuhamien Seaudi Yuriy Malakov Marco Platania	COMPLETED OOM verify Job Deployer COMPLETED – Yuriy Malakov Abdelmuhamien Seaudi E2E vLB testing: • Service Assign - Passed • VNF Assign - Passed • VF Module Assign - Passed • CDS ConfigAssign - Passed • Create in Openstack: Passed • CDS Config Deploy: Passed Current failure status: [closed] - JIRA https://gergit.onap.org/r/#/c/sol/+/96621/ Fails at the SO to CDS step for config assign. "statusMessage": "Exception in org.onap.so.bpmn.infrastructure.flowspecific.tasks.ConfigAssignVnf. preProcessAbstractCDSPrecessing.java.util.LinkedHashMap cannot be cast to java.lang.String",					
26	S3P - Footprint Optimization (Integration with Alpine)			Eric Debeau Adolfo Perez-Duran Mike Elliott Michael O'Brien	EL ALTO					
27	Component /memory optimization; Ongoing Assessment			Eric Debeau Adolfo Perez-Duran Mike Elliott Michael O'Brien	EL ALTO					
28	Global optimization (e.g. shared DB) - stretch goal-shared PostgreSQL; shared MariaDB			Eric Debeau Adolfo Perez-Duran Mike Elliott Michael O'Brien	DUBLIN aai + sdc: Cassandra sdnc + so : MariaDB					
29	S3P- Geo-Redundancy			Jason Hunt , Mike Elliott	NO CHANGE					
30	SOL 004 (VNF Package Security)	5G - Preon boarding /Onboarding - Test Status	Ericsson , Intel / Windriver	Samuli Kuusela	Preonboarding PASS Manual test case using PNF-POB-OB-3 (5G - PNF E2E Pre-Onboarding & Onboarding Integration Test Cases)					
31	xNF communication security enhancements.	xNF communication security enhancements - Tests Description and Status		Marcin Przybysz	NO CHANGE					

32	Locale /Internationalization language support			Tao Shen	NO CHANGE				
33									
34	HPA vIPsec	vIPsec HPA testing	Intel / Windriver	Ruoyu Ying	COMPLETED				https://docs.onap.org/en/elalto/submodules/integration.git/docs/docs_vipsec.html#docs-vipsec-hpa
								Reviewers	
								Marcin Przybysz Andrew Fenner	
35	Health Checks for PODS	Percentage coverage of Health Checks for Running PODS	Integration	Brian Freeman , Sylvain Desbureaux					
36	New Installation Tests in 3 labs								
		Intel /Windriver		Brian Freeman					
		Orange (Rocky)		Morgan Richomme					
		Ericsson Lab (Rocky)		Andrew Fenner					
	Robot Keyword Testing								
		init_robot	PASS						
		init	PASS						
		health	PARTIAL		59*61 Orange Lab 58*61 E// Lab (*SO tooling issue) OOF-CMSO SDNC 4 VFC sub module (PASS in Orange, PASS in E// on retest) CDS blueprint (PASS in Orange)				
		eteHelm-k8.sh	PARTIAL		48/49 Intel /Windriver LabOOF-CMSO Tweaks: M4 SDNC and remove log/pomba				
		healthdist	PASS						
		instantiateV FWCL	PASS						
		vfwclosedloop <png_ip>	PASS						
		instantiateV FWDT	PASS						
		distributeVC PEResCust	PASS						
		sdc-dcae-d							
		vcpe.py	init: PASS infra: PASS custservice: PASS loop: PASS noloss: PASS						
		postinstall	PASS						

	72 Hour Stability Run	onboard /instantiate	PASS						
		closedloop	PASS						
HTTP Certificate Expiry Test (verify_cert.sh)			clamp 3/2020 dmaap 3/2020	root@dev-robot-robot-5f67d595b6-cl6bc:/var/opt/ONAP# ./verify_cert.sh host:aaf-service.onap Not After : Oct 11 01:09:04 2020 GMT host:aai.onap Not After : Sep 27 19:34:54 2020 GMT host:appc.onap Not After : Jul 15 19:49:01 2029 GMT host:clamp-backend.onap Not After : Mar 21 16:16:58 2020 GMT host:clamp-external.onap Not After : Mar 21 16:16:58 2020 GMT host:clamp.onap Not After : Mar 21 16:16:58 2020 GMT host:config-binding-service.onap Not After : Apr 10 09:58:41 2020 GMT host:dcae-cloudify-manager.onap Not After : Apr 10 09:58:41 2020 GMT host:deployment-handler.onap Not After : Apr 10 09:58:41 2020 GMT host:dmaap-bc.onap Not After : Mar 22 17:37:39 2020 GMT host:dmaap-dr-node.onap Not After : Apr 1 09:24:11 2020 GMT host:dmaap-dr-prov.onap Not After : Apr 1 09:49:34 2020 GMT host:msb-eag.onap Not After : Mar 15 02:08:14 2027 GMT host:msb-lag.onap Not After : Mar 15 02:08:14 2027 GMT host:pap.onap Not After : Aug 22 23:43:27 2020 GMT host:portal-app.onap Not After : Apr 15 18:38:36 2020 GMT host:sdc-be.onap Not After : Sep 9 11:33:20 2020 GMT host:sdc-fe.onap Not After : Sep 9 11:33:20 2020 GMT host:sdc-wif-f.e.onap Not After : Aug 18 11:38:03 2015 GMT host:sdnc-portal.onap Not After : Apr 26 17:48:01 2020 GMT host:sdnc.onap Not After : Apr 26 17:48:01 2020 GMT host:vid.onap Not After : Oct 3 11:52:42 2020 GMT					

: Cf. Integration: the goal is to introduce the use case in Cf daily chains for Frankfurt. This table could be completed with a Cf dashboard where the use cases will be run every day.

As it should be tunable in any lab, some constraints need to be considered:

- no proprietary VNFS
 - use cases must be self-content , third party equipments may not be present in all labs.
 - infrastructure setup/teardown shall be clear: the use case must be runnable from a clean ONAP installation. These resources must be cleaned at the end of the test ,
 - results shall be pushed to a common DB. It is recommended ot use xtesting to run the tests (robotframework, python, bash, unit test drivers)

