

Network Discovery - Functional Test Cases (Dublin)

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Network Discovery

Native OpenStack API Support

Test Case	Description	Status	Owner	Date	JIRA link	Comment
nd oom deployment	Verify that nd can be deployed with the latest changes that allow connectivity to an openstack environment	PASS	J. Ram Balasubramanian		SDNC-533 - Getting issue details... STATUS	
nd oom deployment configuration	Verify that on the nd, the openstack environment endpoint is configurable	PASS	J. Ram Balasubramanian		SDNC-533 - Getting issue details... STATUS	I3-network out of scope for now
nd oom deployment incorrect credentials	Verify that the nd process still comes up with incorrect credentials to openstack needed for token access	PASS	J. Ram Balasubramanian		SDNC-533 - Getting issue details... STATUS	
nd oom deployment API Unreachable	Verify that the nd process still comes up with an unreachable endpoint for openstack	FAIL	J. Ram Balasubramanian		SDNC-533 - Getting issue details... STATUS	NPE produced SDNC-559 - Getting issue details... STATUS
nd logging	verify that the logging is consistent with ONAP logging and informative	PASS	J. Ram Balasubramanian		SDNC-533 - Getting issue details... STATUS	
nd logging passwords	verify that the logging does not contain any sensitive information	FAIL	J. Ram Balasubramanian		SDNC-533 - Getting issue details... STATUS	LOG-909 - Getting issue details... STATUS
nd logging error	verify that the logging is consistent with ONAP logging and informative	PASS	J. Ram Balasubramanian		SDNC-533 - Getting issue details... STATUS	
nd query openstack vserver aai	verify that the aggregator can query the aaictxbuilder and send a vserver to be queried by nd	PASS	J. Ram Balasubramanian		SDNC-533 - Getting issue details... STATUS	
nd query openstack non existent vserver aai	verify that the aggregator can query the aai ctxbuilder and send a vserver that does not exist in openstack	PASS	J. Ram Balasubramanian		SDNC-533 - Getting issue details... STATUS	

nd query openstack ndcb response	verify that the ndcb can reach the nd and get a response back for the above two queries	PASS	J. Ram Balasubramanian		SDNC-533 - Getting issue details... STATUS	
nd query openstack discovery and stictch	verify that the raw data retrieved by nd can be successfully passed to ndcb which is then stitched to a response	PASS	J. Ram Balasubramanian		SDNC-533 - Getting issue details... STATUS	
nd query openstack context aggregator	verify that the data retrieved by nd can be successfully reached back to ctxaggregator	PASS	J. Ram Balasubramanian		SDNC-533 - Getting issue details... STATUS	
nd query openstack kibana reporting	verify that the data retrieved by nd can be successfully reported back to the kibana board	PASS	J. Ram Balasubramanian		SDNC-533 - Getting issue details... STATUS	
developer documentation	Verify that the ONAP developer wiki has been updated with information regarding the latest network discovery API and calls	PASS	J. Ram Balasubramanian		SDNC-533 - Getting issue details... STATUS	

HTTPS Support for Network Discovery

Test Case	Description	Status	Owner	Date	JIRA link	Comment
ndcb deployment https	Verify that the context builder can be deployed (using configuration) to talk to ND via HTTPS	PASS	J. Ram Balasubramanian		SDNC-375 - Getting issue details... STATUS	
ndcb deployment certs	Verify that OOM can deploy the appropriate certs for the ndcb in the appropriate folders	PASS	J. Ram Balasubramanian		SDNC-375 - Getting issue details... STATUS	
ndcb nd https	Verify that the ndcb talks to nd over https	PASS	J. Ram Balasubramanian		SDNC-375 - Getting issue details... STATUS	
nd http	Verify that the nd talk to southbound (openstackAPI) via http	PASS	J. Ram Balasubramanian		SDNC-375 - Getting issue details... STATUS	
nd http ndcb	Verify that the northbound (nd -> ndcb) is still http	PASS	J. Ram Balasubramanian		SDNC-375 - Getting issue details... STATUS	
nd http	Verify that the ND rejects the request if sent by HTTP only	PASS	J. Ram Balasubramanian		SDNC-375 - Getting issue details... STATUS	

Network Discovery - network

Test Case	Description	Status	Owner	Date	JIRA link	Comment
nd network retrieval	Verify that the network attributes are returned. See Network Discovery Microservice (Dublin release) for a list of expected attributes.	PASS	J. Ram Balasubramanian		SDNC-475 - Getting issue details... STATUS	
nd network retrieval failure	Verify that a failure is returned if the network-id is not found in Openstack	PASS	J. Ram Balasubramanian		SDNC-475 - Getting issue details... STATUS	

Network Discovery - ports

Test Case	Description	Status	Owner	Date	JIRA link	Comment
nd port	Verify that the port and its related attributes can be returned by Openstack	PASS	J. Ram Balasubramanian		SDNC-637 - Getting issue details... <button>STATUS</button>	
nd port	Verify that information is correctly logged in ND for query to Openstack	PASS	J. Ram Balasubramanian		SDNC-637 - Getting issue details... <button>STATUS</button>	
nd port	Verify that the returned values from OpenStack are properly read by ND	PASS	J. Ram Balasubramanian		SDNC-637 - Getting issue details... <button>STATUS</button>	

POMBA: Cheap and cheerful Openstack Network Discovery Robustness

Test Case	Description	Status	Owner	Date	JIRA link	Comment
nd openstack not reachable	verify that incase the openstack vm is not reachable, nd returns an error, but flow still continues		J. Ram Balasubramanian		LOG-938 - Getting issue details... <button>STATUS</button>	
nd openstack credentials not valid	verify that incase wrong credentials were supplied (user-name), nd returns an error code but the flow still continues		J. Ram Balasubramanian		LOG-938 - Getting issue details... <button>STATUS</button>	
nd openstack password is not valid	verify that incase wrong password were supplied, nd returns an error code but the flow still continues		J. Ram Balasubramanian		LOG-938 - Getting issue details... <button>STATUS</button>	
nd openstack endpoint not valid	verify that incase an incorrect/invalid URL is supplied, nd still starts up and accepts requests. But returns dataQuality error and flow continues		J. Ram Balasubramanian		LOG-938 - Getting issue details... <button>STATUS</button>	