

POMBA - Functional Test Cases (Dublin)

Validation passes, this particular attribute only exists in AAI, so no other builders to compare with however you can still see the data in kibana as part of other violation payload

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POMBA Data Router

HTTPS Support

Test Case	Description	Status	Owner	Date	JIRA link	Comment
data-router deployment https	Verify that the POMBA data-router can be deployed using HTTPS as a configurable parameter.	PASS	David Stangl		LOG-559 - Getting issue details... STATUS	
data-router orchestration-initiation https	Verify that an orchestration-event can be published to the data-router over HTTPS	PASS	David Stangl		LOG-559 - Getting issue details... STATUS	
data-router orchestration-initiation https	Verify that the data-router rejects the orchestration-event if sent via HTTP	PASS	David Stangl		LOG-559 - Getting issue details... STATUS	
data-router server-side certificates https	The purpose of the test is to validate that the orchestration-event to data-router can only be successful with server-side certificates	PASS	David Stangl		LOG-559 - Getting issue details... STATUS	
data-router server-side certificates	The purpose of the test is to validate that the orchestration-event to data-router will be rejected if the server-side certificates are not loaded	PASS	David Stangl		LOG-559 - Getting issue details... STATUS	

Context Builder: SDNC

OOM

Test Case	Description	Status	Owner	Date	JIRA link	Comment
oom deployment	Verify that the SDNC Context Builder is capable of being deployed through OOM.	PASS	David Stangl		LOG-426 - Getting issue details... STATUS	
oom deletion	Verify that the SDNC Context Builder is capable of being deleted from a POMBA deployment.	PASS	David Stangl		LOG-426 - Getting issue details... STATUS	

SDNC Seed Code w/ Generic Resources API

Test Case	Description	Status	Owner	Date	JIRA link	Comment
context aggregator builders properties sdnc.properties	Verify that the Context Aggregator config/builders/directory contains an sdnc.properties file upon deployment so that the builder can be utilized in audits.	PASS	David Stangl		LOG-520 - Getting issue details... STATUS	
sdnccontextbuilder service context basic auth	Verify that the SDNC Context Builder can successfully process an incoming context request using basic authentication.	PASS	David Stangl		LOG-520 - Getting issue details... STATUS	
sdnccontextbuilder service context basic auth bad credentials	Verify that the SDNC Context Builder rejects requests that do not provide the correct credentials.	PASS	David Stangl		LOG-520 - Getting issue details... STATUS	
context aggregator -> sdnc context builder	Verify that the Context Aggregator is capable of interoperating with the SDNC Context Builder.	PASS	David Stangl		LOG-520 - Getting issue details... STATUS	
sdnc context builder -> sdnc	Verify that the SDNC Context Builder is capable of interoperating with an SDNC.	PASS	David Stangl		LOG-520 - Getting issue details... STATUS	

POMBA APIv1

Test Case	Description	Status	Owner	Date	JIRA link	Comment
sdnccontextbuilder v1 service context	Verify that the SDNC Context Builder context API can be called while explicitly referencing the version (v1).	PASS	David Stangl		LOG-462 - Getting issue details... STATUS	
sdnccontextbuilder service context	Verify that when the API version for the SDNC Context Builder is not explicitly specified, the latest version (APIv1) will be invoked.	PASS	David Stangl		LOG-462 - Getting issue details... STATUS	
sdnccontextbuilder v1 service context vservers fields	Verify that the SDNC Context Builder can return the full list of required attributes associated with one or more vservers associated with a service instance. The attribute values should be obtained from the correct source attributes.	PASS	David Stangl		LOG-462 - Getting issue details... STATUS	
sdnccontextbuilder v1 service context l3-networks fields	Verify that the SDNC Context Builder can return the full list of required attributes associated with one or more l3-networks associated with a service instance. The attribute values should be obtained from the correct source attributes.	PASS	David Stangl		LOG-462 - Getting issue details... STATUS	

sdncontextbuilder v1 service context serviceInstanceId missing	Verify that the SDNC Context Builder returns a 400 error when the required serviceInstanceId parameter is missing.	PASS	David Stangl		LOG-462 - Getting issue details... STATUS	
sdncontextbuilder v1 service context X-TransactionId missing	Verify that the SDNC Context Builder is capable of processing a context request that omits the X-TransactionId header.	PASS	David Stangl		LOG-462 - Getting issue details... STATUS	
sdncontextbuilder v1 service context X-FromAppld missing	Verify that the SDNC Context Builder reutrns a 400 error processing a context request that omits the X-FromAppld header.	PASS	David Stangl		LOG-462 - Getting issue details... STATUS	
sdncontextbuilder v1 service context SDNC not available	Verify that the SDNC Context Builder returns a 500 error when the SDNC from which data is to be obtained is not available.	PASS	David Stangl		LOG-462 - Getting issue details... STATUS	
sdncontextbuilder v1 service context service not found	Verify that the SDNC Context Builder returns a 404 error when the service instance for which context is requested cannot be located in the SDNC.	PASS	David Stangl		LOG-462 - Getting issue details... STATUS	
sdncontextbuilder logging success	Verify that the SDNC Context Builder provides sufficient logging when a context request is successfully processed.		David Stangl		LOG-462 - Getting issue details... STATUS	Logging for the sdnctxbuilder will be tested on the next phase of the epic
sdncontextbuilder logging failure bad request	Verify that the SDNC Context Builder provides sufficient logging when a context request is unsuccessfully processed due to a missing parameter.		David Stangl		LOG-462 - Getting issue details... STATUS	Logging for the sdnctxbuilder will be tested on the next phase of the epic
sdncontextbuilder v1 swagger	Verify that the SDNC Context Builder provides swagger documentation for v1 of the Context Builder API.	PASS	David Stangl		LOG-462 - Getting issue details... STATUS	
wiki	Verify that the wiki documentation provides a suitable description of the SDNC Context Builder APIv1.	PASS	David Stangl		LOG-462 - Getting issue details... STATUS	

API Mapper w/ VNF API

Test Case	Description	Status	Owner	Date	JIRA link	Comment
default config context request service type vFW	Verify that, using the default configuration, the VNF API is utilized when the SDNC Context Builder detects that the service instance is of type "vFW".	PASS	David Stangl		LOG-421 - Getting issue details... STATUS	
default config context request service type vDNS	Verify that, using the default configuration, the VNF API is utilized when the SDNC Context Builder detects that the service instance is of type "vDNS".	PASS	David Stangl		LOG-421 - Getting issue details... STATUS	
default config context request service type non-vFW/vDNS	Verify that, using the default configuration, the GENERIC-RESOURCE-API is utilized when the SDNC Context Builder detects that the service instance isn't of the type vFW or vDNS.	PASS	David Stangl		LOG-421 - Getting issue details... STATUS	
generic-resource-api common model support vserver	Verify that when the SDNC Context Builder utilizes the Generic Resource API to gather service data, the output is able to pass along all of the mandatory vserver attributes.	PASS	David Stangl		LOG-421 - Getting issue details... STATUS	

generic-resource-api common model support I3-network	Verify that when the SDNC Context Builder utilizes the Generic Resource API to gather service data, the output is able to pass along all of the mandatory I3-network attributes.	PASS	David Stangl		LOG-421 - Getting issue details... STATUS	
rules modification	Verify that the rules used to select which API should be used to gather service data can be changed.	PASS	David Stangl		LOG-421 - Getting issue details... STATUS	
context request aai unavailable	Verify that an error is returned when the SDNC Context Builder is unable to contact the AAI and cannot, therefore, determine ServiceType for rules mapping	PASS	David Stangl		LOG-421 - Getting issue details... STATUS	
developer wiki	Verify that the developer wiki has been updated to include information about the API mapping feature in SDNC Context Builder, including how to modify the mapping rules	PASS	David Stangl		LOG-421 - Getting issue details... STATUS	

L2 Fabric Retrieval - network

Test Case	Description	Status	Owner	Date	JIRA link	Comment
network sdnc SDNCctxbuilder Generic-API	Verify that the latest sdncctxbuilder can query SDNC and return the required attributes	PASS			LOG-768 - Getting issue details... STATUS	
network sdnc SDNCctxbuilder VNF-API	Verify that the latest sdncctxbuilder can query SDNC and return the required attributes	FAIL			LOG-768 - Getting issue details... STATUS	LOG-968 - Getting issue details... STATUS

L2 Fabric Retrieval - pnf

Test Case	Description	Status	Owner	Date	JIRA link	Comment
network sdnc SDNCctxbuilder Generic-API	Verify that the latest sdncctxbuilder can query SDNC and return the required attributes	PASS	J. Ram Balasubramanian		LOG-778 - Getting issue details... STATUS	

POMBA Reporting

https support for Kibana

Test Case	Description	Status	Owner	Date	JIRA link	Comment
oom deployment	Verify that the pomba-kibana dashboard can be deployed via an allowed HTTPS only configuration	PASS	J. Ram Balasubramanian		LOG-517 - Getting issue details... STATUS	
oom deployment	Generate new self signed certificate and verify HTTPS connection after deployment	PASS	J. Ram Balasubramanian		LOG-517 - Getting issue details... STATUS	
kibana dashboard access	Verify that the kibana dashboard can only be accessed via HTTPS when configured	PASS	J. Ram Balasubramanian		LOG-517 - Getting issue details... STATUS	
kibana dashboard access	Verify that pomba reports are posted and are view-able by Kibana	PASS	J. Ram Balasubramanian		LOG-517 - Getting issue details... STATUS	

A&AI Context Builder

L2 Fabric Retrieval - PNF

Test Case	Description	Status	Owner	Date	JIRA link	Comment
pnf aai aaictxbuilder	Verify that the latest aaictxbuilder can query AAI and return the required attributes	PASS	J. Ram Balasubramanian		LOG-764 - Getting issue details... STATUS	
pnf aai aaictxbuilder	Verify that the latest aaictxbuilder can query AAI and return the required attributes	PASS	J. Ram Balasubramanian		LOG-764 - Getting issue details... STATUS	

pserver retrieval from A&AI Context Builder

Test Case	Description	Status	Owner	Date	JIRA link	Comment
pserver aai aaictxbuilder	Verify that the latest aaictxbuilder can query AAI and return the required attributes	PASS	J. Ram Balasubramanian		LOG-762 - Getting issue details... STATUS	
pserver aai aaictxbuilder	Verify that the latest aaictxbuilder can query AAI and return the required attributes and shown in Kibana	PASS	J. Ram Balasubramanian		LOG-762 - Getting issue details... STATUS	

L2 Fabric Retrieval - p-interface

Test Case	Description	Status	Owner	Date	JIRA link	Comment
p-interface aai aaictxbuilder	Verify that the latest aaictxbuilder can query AAI and return the required attributes	PASS	J. Ram Balasubramanian		LOG-765 - Getting issue details... STATUS	

L2 Fabric Retrieval - network

Test Case	Description	Status	Owner	Date	JIRA link	Comment
L3-Network aai aaictxbuilder (Service Level)	Verify that the latest aaictxbuilder can query AAI and return the required attributes (uuid,name, attr=networkType, attr=networkRole, attr=networkTechnology). L3-Network data is extracted from AAI data in Service Level.	PASS	J. Ram Balasubramanian		LOG-763 - Getting issue details... STATUS	
L3-Network aai aaictxbuilder (VNF Level)	Verify that the latest aaictxbuilder can query AAI and return the required attributes (uuid,name, attr=networkType, attr=networkRole, attr=networkTechnology). L3-Network data is extracted from AAI data in VNF Level.	PASS	J. Ram Balasubramanian		LOG-763 - Getting issue details... STATUS	
L3-Network aai aaictxbuilder (V-Module level)	Verify that the latest aaictxbuilder can query AAI and return the required attributes (uuid,name, attr=networkType, attr=networkRole, attr=networkTechnology). L3-Network data is extracted from AAI data in V-Module Level.	PASS	J. Ram Balasubramanian		LOG-763 - Getting issue details... STATUS	

L2 Fabric Retrieval - L-Interface

Test Case	Description	Status	Owner	Date	JIRA link	Comment
aai I-interface	Verify that the aaictxbuilder can retrieve the following attributes from aai <ul style="list-style-type: none"> • interface-id • interface-name • interface-role • is-port-mirrored • prov-status • macaddr • in-maint 	PASS	J. Ram Balasubramanian		LOG-766 - Getting issue details... STATUS	Validation passes, this particular attribute only exists in AAI, so no other builders to compare with however you can still see the data in kibana as part of other violation payload
aai I-interface ctxagg	Verify that the ctxAggregator converts the new data and posts to valition based on Common Model	PASS	J. Ram Balasubramanian		LOG-766 - Getting issue details... STATUS	

L2 Fabric Retrieval - logical Link

Test Case	Description	Status	Owner	Date	JIRA link	Comment
aai I-interface	Verify that the aaictxbuilder can retrieve the following attributes from aai <ul style="list-style-type: none"> • https://wiki.onap.org/display/DW/Dublin+Common+Model+Map 	PASS	J. Ram Balasubramanian		LOG-767 - Getting issue details... STATUS	
aai I-interface ctxagg	Verify that the ctxAggregator converts the new data and posts to valition based on Common Model	PASS	J. Ram Balasubramanian		LOG-767 - Getting issue details... STATUS	

POMBA: Cheap and cheerful : continue after error from context builder

Test Case	Description	Status	Owner	Date	JIRA link	Comment
builders aai fail to reach aai-ctxBuilder	verify that the Context Aggregator can respond to an audit request if aai-ctxBuildercannot be reached	PASS	J. Ram Balasubramanian		LOG-937 - Getting issue details... STATUS	
builders sdnc fail to reach sdnc-ctxBuilder	verify that the Context Aggregator can respond to an audit request if sdnc-ctxBuildercannot be reached	PASS	J. Ram Balasubramanian		LOG-937 - Getting issue details... STATUS	
builders ndcb fail to reach ndcb-ctxBuilder	verify that the Context Aggregator can respond to an audit request if nd-ctxBuildercannot be reached	PASS	J. Ram Balasubramanian		LOG-937 - Getting issue details... STATUS	
builders sdc fail to reach sdc-ctxBuilder	verify that the Context Aggregator can respond to an audit request if sdc-ctxBuildercannot be reached	PASS	J. Ram Balasubramanian		LOG-937 - Getting issue details... STATUS	
builders aai fail to reach aai	verify that the aaictxbuilder can respond to a request with no data if aai cannot be reached	PASS	J. Ram Balasubramanian		LOG-937 - Getting issue details... STATUS	
builders sdnc fail to reach sdnc	verify that the sdncctxbuilder can respond to a request with no data if sdnc cannot be reached	PASS	J. Ram Balasubramanian		LOG-937 - Getting issue details... STATUS	

builders ndcb fail to reach service-decomposition	verify that the ndcb can respond to a request with no data if service-decomp cannot be reached	PASS	J. Ram Balasubramanian		LOG-937 - Getting issue details... STATUS	
builders ndcb fail to reach nd	verify that the ndcb can respond to a request with no data if nd cannot be reached	PASS	J. Ram Balasubramanian		LOG-937 - Getting issue details... STATUS	

Network Discovery Context Builder

Network Discovery - network

Test Case	Description	Status	Owner	Date	JIRA link	Comment
ndcb network retrieval	Verify that the network attributes are returned. See https://wiki.onap.org/pages/viewpage.action?pageId=48534037 for a list of expected attributes. Verify that network lists exist at the service, vfModule and vnf level.	PASS	J. Ram Balasubramanian		SDNC-475 - Getting issue details... STATUS	
ndcb 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	

Port/P-interface; network

Test Case	Description	Status	Owner	Date	JIRA link	Comment
ndcb nd p-interface	Verify that the ndcb is able to retrieve p-interface information from nd	PASS	J. Ram Balasubramanian		LOG-977 - Getting issue details... STATUS	
ndcb nd p-interface	Verify that the p-interface information retrieved from nd is normalized as per the common model	PASS	J. Ram Balasubramanian		LOG-977 - Getting issue details... STATUS	
ndcb nd p-interface	Verify that the results as posted to validation contain all the relevant attribute pairs as indicated in common model	PASS	J. Ram Balasubramanian		LOG-977 - Getting issue details... STATUS	
ndcb nd p-interface	Verify that the audit with the new p-interface can run an e2e flow. Note: rules are not in yet for this story	PASS	J. Ram Balasubramanian		LOG-977 - Getting issue details... STATUS	

Attribute Comparisons

PNF

Test Case	Description	Status	Owner	Date	JIRA link	Comment

pnf attribute comparison same name	Verify that the validation can process attribute rule comparison between AAI and SDNC	PASS	J. Ram Balasubramanian		LOG-958 - Getting issue details... STATUS	
pnf attribute comparison different name	Verify that the validation can process attribute rule comparison between AAI and SDNC	PASS	J. Ram Balasubramanian		LOG-958 - Getting issue details... STATUS	
pnf aai attribute comparison missing pnf-name	Verify that the validation can process attribute rule comparison between AAI and SDNC	PASS	J. Ram Balasubramanian		LOG-958 - Getting issue details... STATUS	

Network

Test Case	Description	Status	Owner	Date	JIRA link	Comment
network aai sdnc	Verify that the network data returned by the aggregators are compared	PASS	J. Ram Balasubramanian		LOG-957 - Getting issue details... STATUS	
network aai nd	Verify that the network data returned by the aggregators are compared	PASS	J. Ram Balasubramanian		LOG-957 - Getting issue details... STATUS	
network nd sdnc	Verify that the network data returned by the aggregators are compared	PASS	J. Ram Balasubramanian		LOG-957 - Getting issue details... STATUS	
network aai sdnc nd	Verify that all network information is audited and compared using different resources. Note, this is all 3 builders	PASS	J. Ram Balasubramanian		LOG-957 - Getting issue details... STATUS	
network aai sdnc nd	Verify that all network information is audited and compared using different resources. Note, this is all 3 builders	PASS	J. Ram Balasubramanian		LOG-957 - Getting issue details... STATUS	
network aai sdnc nd	Verify that all network information is audited and compared using different resources. Note, this is all 3 builders	FAIL	J. Ram Balasubramanian		LOG-957 - Getting issue details... STATUS	LOG-1016 - Getting issue details... STATUS LOG-1017 - Getting issue details... STATUS
network aai sdnc nd	Verify that all network information is audited and compared using different resources. Note, this is all 3 builders, multi-level (service,vnf,vfmodule)	FAIL	J. Ram Balasubramanian		LOG-957 - Getting issue details... STATUS	LOG-1016 - Getting issue details... STATUS LOG-1017 - Getting issue details... STATUS
network aai sdnc nd	Verify that all network information is audited and compared using different resources. Note, this is all 3 builders, multi-level (service,vnf,vfmodule)	FAIL	J. Ram Balasubramanian		LOG-957 - Getting issue details... STATUS	LOG-1016 - Getting issue details... STATUS LOG-1017 - Getting issue details... STATUS

P-Interface

Test Case	Description	Status	Owner	Date	JIRA link	Comment
p-interface aai nd uid	Verify that the value returned by aai (equip-identifier) and nd (port id) when same, do not raise a violation	PASS	J. Ram Balasubramanian		LOG-959 - Getting issue details... STATUS	
p-interface aai nd uid	Verify that the value returned by aai (equip-identifier) and nd (port id) when not the same, a violation is raised	PASS	J. Ram Balasubramanian		LOG-959 - Getting issue details... STATUS	
p-interface aai nd name	Verify that the value returned by aai (interface-name) and nd (name) when same, do not raise a violation	PASS	J. Ram Balasubramanian		LOG-959 - Getting issue details... STATUS	
p-interface aai nd name	Verify that the value returned by aai (interface-name) and nd (name) when not the same, violation is raised	PASS	J. Ram Balasubramanian		LOG-959 - Getting issue details... STATUS	
p-interface aai nd portDescription	Verify that the value returned by aai (port-description) and nd (description) when same, do not raise a violation	PASS	J. Ram Balasubramanian		LOG-959 - Getting issue details... STATUS	
p-interface aai nd portDescription	Verify that the value returned by aai (port-description) and nd (description) when not same, violation is raised	PASS	J. Ram Balasubramanian		LOG-959 - Getting issue details... STATUS	
p-interface aai nd lockedBoolean	Verify that the value returned by aai (in-maint) and nd (adminStateUp) when same, do not raise a violation	FAIL	J. Ram Balasubramanian		LOG-959 - Getting issue details... STATUS	LOG-1017 - Getting issue details... STATUS
p-interface aai nd lockedBoolean	Verify that the value returned by aai (in-maint) and nd (adminStateUp) when not same, violation is raised	PASS	J. Ram Balasubramanian		LOG-959 - Getting issue details... STATUS	
p-interface aai nd	Verify that the attributes are sent to validation for audit are all present and conform to the correct format	PASS	J. Ram Balasubramanian		LOG-959 - Getting issue details... STATUS	

Transaction Tracing

POMBA: Transaction tracing through requestId and partnerName

Test Case	Description	Status	Owner	Date	JIRA link	Comment
Logging X-ONAP-PartnerName Present	Verify that when the PartnerName is present in the post, its preserved through the entire flow (i.e with all builders and ms)	PASS	J. Ram Balasubramanian		LOG-551 - Getting issue details... STATUS	
Logging X-ONAP-PartnerName Not Present	Verify that when the PartnerName is missing in the post, the call is rejected	PASS	J. Ram Balasubramanian		LOG-551 - Getting issue details... STATUS	

Logging X-ONAP-RequestID Present	Verify that when the RequestId is present in the post, the same ID is maintained throughout the flow (i.e all builders and ms)	PASS	J. Ram Balasubramanian		LOG-551 - Getting issue details... STATUS	
Logging X-ONAP-RequestID Not Present	Verify that when the RequestId is not present in the post, a new one is generated, and maintained through the flow	PASS	J. Ram Balasubramanian		LOG-551 - Getting issue details... STATUS	
Logging X-ONAP-PartnerName Kibana	Verify that the PartnerName is visible in Kibana	PASS	J. Ram Balasubramanian		LOG-551 - Getting issue details... STATUS	
Logging X-ONAP-RequestID Kibana	Verify that the RequestID is visible in Kibana	PASS	J. Ram Balasubramanian		LOG-551 - Getting issue details... STATUS	

Post Orchestration Audit

Reporting - dataQuality

Test Case	Description	Status	Owner	Date	JIRA link	Comment
dataQualitySummary aaiCtxBuilder	Verify that when the audit process cannot reach the aaiCtxBuilder, dataQuality=error is reported in Dmaap topic POA-AUDIT-RESULT indicating fault at the aaiCtxBuilder	PASS	J. Ram Balasubramanian		LOG-665 - Getting issue details... STATUS	LOG-1003 - Getting issue details... STATUS LOG-1000 - Getting issue details... STATUS
dataQualitySummary aai	Verify that when the audit process cannot reach the aai, dataQuality=error is reported in Dmaap topic POA-AUDIT-RESULT indicating fault at the aaiCtxBuilder	PASS			LOG-665 - Getting issue details... STATUS	
dataQualitySummary sdncCtxBuilder	Verify that when the audit process cannot reach the sdncCtxBuilder, dataQuality=error is reported in Dmaap topic POA-AUDIT-RESULT indicating fault at the sdncCtxBuilder	PASS			LOG-665 - Getting issue details... STATUS	
dataQualitySummary sdnc	Verify that when the audit process cannot reach the sdnc, dataQuality=error is reported in Dmaap topic POA-AUDIT-RESULT indicating fault at the sdncCtxBuilder	PASS			LOG-665 - Getting issue details... STATUS	
dataQualitySummary ndCtxBuilder	Verify that when the audit process cannot reach the ndCtxBuilder, dataQuality=error is reported in Dmaap topic POA-AUDIT-RESULT indicating fault at the ndCtxBuilder	PASS			LOG-665 - Getting issue details... STATUS	
dataQualitySummary nd	Verify that when the audit process cannot reach the nd, dataQuality=error is reported in Dmaap topic POA-AUDIT-RESULT indicating fault at the ndCtxBuilder	PASS			LOG-665 - Getting issue details... STATUS	
dataQualitySummary OpenStack	Verify that when the audit process cannot reach the Openstack, dataQuality=error is reported in Dmaap topic POA-AUDIT-RESULT indicating fault at the ndCtxBuilder	PASS			LOG-665 - Getting issue details... STATUS	

dataQuality Summary all OK	Verify that when all data is returned by all builders, then dataQuality=OK is reported on Dmaap topic POA-AUDIT-RESULT	PASS			LOG-665 - Getting issue details... <input type="button" value="STATUS"/>	
dataQuality Summary	Verify that even if audit compare(s) fail for any reason, dataQuality shall still report OK as long as all builders returned data	PASS			LOG-665 - Getting issue details... <input type="button" value="STATUS"/>	