

Policy R3 Casablanca CSIT Functional Test Cases

Triggered by merges in policy/engine, policy/drools-pdp, and policy/drools-applications

Test Case Id	Description	Pre-conditions	Test Steps	Expected Results
1	Perform healthcheck for the Policy components using Healthcheck API <ul style="list-style-type: none"> Drools PDP XACML PDP PAP BRMSGateway 	<ul style="list-style-type: none"> Policy docker image ready and policy components (Drools, XACML, PAP, BRMS Gateway) should be up and running Server and authentication details should be configured at <code>\$POLICY_HOME/config/feature-healthcheck.properties</code> 	API – healthcheck Method - GET Endpoint: http://<host>:8081/healthcheck	All the policy components should return health status as “true”
2	Import/Load Use case template for the following use cases- (VoLTE, vCPE, vFW, vDNS)	Policy components should be up and running	API – policyEngineImport Method – POST Endpoint: https://<host>:8081/pdp/policyEngineImport	Policy service models should be imported for the specified use cases. We should be able to create policy from here.
3	Create config Policy for the following use cases <ul style="list-style-type: none"> VoLTE vFW vDNS vCPE 	Policy components up and running	API – CreateConfig Method – PUT Endpoint: https://<host>:8081/Pdp/createPolicy	Config Policy should be created in Policy Engine (PAP)
4	Push Config policy to the PDP Engines for the following use cases <ul style="list-style-type: none"> VoLTE vFW vDNS vCPE 	Policy components up and running	API - pushPolicy Method - PUT Endpoint: https://<host>:8081/Pdp/pushPolicy	Config Policy should be pushed to the PDP group
5	Create Operational policy for the following use cases <ul style="list-style-type: none"> VoLTE vFW vDNS vCPE 	Policy components up and running	API - createPolicy Method – PUT Endpoint: https://<host>:8081/Pdp/createPolicy	Operational Policy should be created in Policy Engine (PAP)
6	Push operational Policy to the PDP Engines for each use case <ul style="list-style-type: none"> VoLTE vFW vDNS vCPE 	Policy components up and running	API - pushPolicy Method - PUT Endpoint: https://<host>:8081/Pdp/pushPolicy	Operational Policy should be pushed to the PDP group
7	Retrieve the configs for the following use cases <ul style="list-style-type: none"> VoLTE vFW vDNS vCPE 	Policy components up and running	API – getConfig Method – POST Endpoint: https://<host>:8081/Pdp/getConfig	Both Config and Operational Policies configured for each use case should be retrieved successfully

Triggered by merges in policy/distribution (NOT FINISHED)

Test Case Id	Description	Pre-conditions	Test Steps	Expected Results
1	Perform healthcheck for the Policy SDC Service Distribution application	<ul style="list-style-type: none">Policy PSSD docker image available	<u>API</u> – healthcheck <u>Method</u> - GET <u>Endpoint</u> : http://<host>:8081/health(?)	The Policy PSSD should return health status as “true”

Triggered by merges in policy/apex-pdp (Stretch - DONE)

Test Case Id	Description	Pre-conditions	Test Steps	Expected Results
1	Perform healthcheck for the Policy Apex PDP	<ul style="list-style-type: none">Apex PDP docker image available	<u>API</u> – healthcheck <u>Method</u> - GET <u>Endpoint</u> : http://<host>:8081/healthcheck(?)	The Apex PDP should return health status as “true”