BI Validator - Test Plan REST API Call

# 1) Service: getAllTestPlans (get all test plans)

**URL:** http://localhost:6090/BIValidatorService/rest/Testplan/getalltps

**Method:** GET

**Status Code:** 200 The request has succeeded

Displays below details when executed in rest client or read from response (escape any characters if needed)

**Expected Sample Response:**

[{

 "id":3,

 "text":"Stress",

 "type":"testPlanType",

 "parentId":0,

 "gridItems":[

 {

 "testplanId":8,

 "testplanName":"BI\_Stress\_288262",

 "testplanType":"Stress",

 "createdDate":"2019-06-28 15:20:14.797239",

 "createdBy":"admin",

 "updatedDate":"2019-07-09 14:51:32.412852",

 "updatedBy":"admin"

 }

 ]

}]

**2) Service: getTestPlanRunSummary (get test plan runId for selected test plan)**

Once you have the testplanId from getAllTestPlans service then pass it as request parameter to getTestPlanRunSummary service as below (E.g.: testPlanId=8)

**Request params/Required fields:** testPlanId

**URL:** http://localhost:6090/BIValidatorService/rest/Testplan/getTpRunSummary?testPlanId=8

**Method:** GET

**Status Code:** 200 The request has succeeded

**Expected Sample Response:**

[{

 "testplanId": 8,

 "testplanRunId": 26,

 "testplanName": "BI\_Stress\_288262",

 "testplanType": "Stress",

 "runBy": "admin",

 "runDate": "2019-07-09 14:53:43.282455",

 "status": "Pass",

 "message": "Completed Successfully",

 "totalTC": 6,

 "successTC": 6,

 "failedTC": 0,

 "errorTC": 0,

 "timeoutTC": 0

}, {

 "testplanId": 8,

 "testplanRunId": 25,

 "testplanName": "BI\_Stress\_288262",

 "testplanType": "Stress",

 "runBy": "admin",

 "runDate": "2019-07-09 14:49:43.282063",

 "status": "Pass",

 "message": "Completed Successfully",

 "totalTC": 6,

 "successTC": 6,

 "failedTC": 0,

 "errorTC": 0,

 "timeoutTC": 0

}]

You have testplanRunId based on testplanId.

**3) Service: runTestPlan (run test plan)**

Execute test plan based on testplanId and other request parameters as below

**URL:** http://localhost:6090/BIValidatorService/rest/Testplan/runTestPlan?testPlanId=8&userName=admin&password=\*\*\*\*\*&isbenchmark=true/false

-----true for testplanbenchmark
-----false for testplanrun

Password is in encrypted format, which is available in BI Validator Client at **Settings** > **My Account**.

**Method:** GET

**Status Code:** 200 The request has succeeded

**Expected Sample Response:**

{"result":"Test Plan run submitted successfully"}

Running testplanId will create a new runId. Check for newly created runId using getTestPlanRunSummary service.

**4)Report type service (Stress - getStressRunReport) displays test results**

**Request params/Required fields:** testplanId and runId.

testplanType : Stress

**URL:** http://localhost:6090/BIValidatorService/rest/Testplan/getStressRunReport?id=8&runId=27

**Method:** GET

**Status Code:** 200 The request has succeeded

**Expected Sample Response:**

[

 {

 "tcId":0,

 "tcRunId":9,

 "tpRunId":27,

 "pageType":"Login",

 "pagePath":"",

 "pageName":"Average Login Time",

 "avgTimeRun1":"11.93",

 "avgTimeRun2":"12.25",

 "avgTimeRun3":null,

 "avgTimeRun4":null,

 "avgTimeRun5":null,

 "kbPerSecRun1":"0",

 "kbPerSecRun2":"0",

 "kbPerSecRun3":null,

 "kbPerSecRun4":null,

 "kbPerSecRun5":null,

 "minTimeRun1":"11.93",

 "minTimeRun2":"12.17",

 "minTimeRun3":null,

 "minTimeRun4":null,

 "minTimeRun5":null,

 "maxTimeRun1":"11.93",

 "maxTimeRun2":"12.33",

 "maxTimeRun3":null,

 "maxTimeRun4":null,

 "maxTimeRun5":null,

 "totCountRun1":"1",

 "totCountRun2":"2",

 "totCountRun3":null,

 "totCountRun4":null,

 "totCountRun5":null,

 "slaFailureRun1":null,

 "slaFailureRun2":null,

 "slaFailureRun3":null,

 "slaFailureRun4":null,

 "slaFailureRun5":null,

 "loginFailureRun1":"0",

 "loginFailureRun2":"0",

 "loginFailureRun3":null,

 "loginFailureRun4":null,

 "loginFailureRun5":null,

 "messageRun1":"",

 "messageRun2":"",

 "messageRun3":null,

 "messageRun4":null,

 "messageRun5":null,

 "webResponseCodeRun1":"Pass(1)",

 "webResponseCodeRun2":"Pass(2)",

 "webResponseCodeRun3":null,

 "webResponseCodeRun4":null,

 "webResponseCodeRun5":null,

 "numberOfRuns":2,

 "parameters":null,

 "description":null

 },

 {

 "tcId":2,

 "tcRunId":10,

 "tpRunId":27,

 "pageType":"TableauView",

 "pagePath":"//Superstore/sheets/Overview",

 "pageName":"Overview",

 "avgTimeRun1":"1.3",

 "avgTimeRun2":"1.3",

 "avgTimeRun3":null,

 "avgTimeRun4":null,

 "avgTimeRun5":null,

 "kbPerSecRun1":"292",

 "kbPerSecRun2":"292",

 "kbPerSecRun3":null,

 "kbPerSecRun4":null,

 "kbPerSecRun5":null,

 "minTimeRun1":"1.25",

 "minTimeRun2":"1.19",

 "minTimeRun3":null,

 "minTimeRun4":null,

 "minTimeRun5":null,

 "maxTimeRun1":"1.34",

 "maxTimeRun2":"1.42",

 "maxTimeRun3":null,

 "maxTimeRun4":null,

 "maxTimeRun5":null,

 "totCountRun1":"2",

 "totCountRun2":"4",

 "totCountRun3":null,

 "totCountRun4":null,

 "totCountRun5":null,

 "slaFailureRun1":null,

 "slaFailureRun2":null,

 "slaFailureRun3":null,

 "slaFailureRun4":null,

 "slaFailureRun5":null,

 "loginFailureRun1":"0",

 "loginFailureRun2":"0",

 "loginFailureRun3":null,

 "loginFailureRun4":null,

 "loginFailureRun5":null,

 "messageRun1":"",

 "messageRun2":"",

 "messageRun3":null,

 "messageRun4":null,

 "messageRun5":null,

 "webResponseCodeRun1":"Pass(2),200(2)",

 "webResponseCodeRun2":"Pass(4),200(4)",

 "webResponseCodeRun3":null,

 "webResponseCodeRun4":null,

 "webResponseCodeRun5":null,

 "numberOfRuns":2,

 "parameters":":size=1980&toolbar=no",

 "description":null

 }

]

Above report details can be captured in the html.

**Report Services:**

**Stress**: getStressRunReport (usage show above)

**Catalog**: getCatalogRunReport

**Dashboard** : getdbRunReport

**Data Compare**: getDCRunReport

**Performance**: getPerformanceRunReport

**Report**: getReportRunDetails

**Security**: getSecurityRunReport

**Upgrade**: getUpgradeRunReport