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