**IDP REST**

REST Implementation for IDP Application

**application-services : Application Services**

The Application Services API resources are used to manage Application, these resources allow you to add , update and delete Aplication data. **Note:** These resources can be used as a part of scripts or programs to allow authorized admininstators to manage the Application.

**REST end points**

1. /applicationService/applications/mail

Method type: POST

Input JSON:

{

"applicationName": "string",

"envName": "string",

"mailBody": "string",

"method": "string",

"pipelineName": "string",

"platformName": "string",

"releaseNumber": "string",

"userName": "string"

}

Output JSON:

{

"errorMessage": "string",

"resource": "string",

"status": "string",

"statusCode": 0

}

Uses : to send the mail for Application creation status.

1. /applicationService/{id}/createApplication

Method type: POST

Input JSON:

{

"applicationName": "string",

"artifactToStage": {

"artifact": "string",

"artifactRepo": {

"repoName": "string",

"repoPassword": "string",

"repoURL": "string",

"repoUsername": "string"

},

"artifactRepoName": "string",

"flattenFileStructure": "string",

"nexusAPIKey": "string",

"nuspecFilePath": "string"

},

"developers": "string",

"environmentOwnerDetails": [

{

"client": "string",

"connType": "string",

"dBOwners": "string",

"envConfig": [

{

"keyName": "string",

"keyValue": "string"

}

],

"environmentName": "string",

"environmentOwners": "string",

"hostName": "string",

"instanceNumber": "string",

"landscapeType": "string",

"language": "string",

"password": "string",

"port": "string",

"qa": "string",

"sapPISystemID": "string",

"sapPISystemNum": "string",

"serverName": "string",

"systemId": "string",

"userName": "string"

}

],

"environmentProvDetails": [

{

"ansPassword": "string",

"ansUserName": "string",

"environmentProvName": "string",

"invName": "string",

"playName": "string",

"playPath": "string",

"serverName": "string",

"toolName": "string"

}

],

"ibmRQMServerDetails": {

"password": "string",

"serverURL": "string",

"userName": "string"

},

"pipelineAdmins": "string",

"releaseManager": "string",

"sapApplication": "string",

"sapPIApplication": "string",

"slavesDetails": [

{

"build": "string",

"buildServerOS": "string",

"createNewSlave": "string",

"deploy": "string",

"labels": "string",

"slaveName": "string",

"slaveUsage": "string",

"sshkeyPath": "string",

"test": "string",

"workspacePath": "string"

}

],

"testAdmins": "string",

"testers": "string",

"virtualServiceServerDetails": {

"password": "string",

"serverUrl": "string",

"userName": "string"

}

}

Output JSON:

{

"errorMessage": "string",

"resource": "string",

"status": "string",

"statusCode": 0

}

Uses : to create Application in IDP.

1. [/applicationService/{id}/getAppInfo](https://idplinv03:8889/idprest/swagger-ui.html#!/application45services/getAppInfoUsingPOST)

Method type: POST

Input parameter:

"applicationName": "string"

Output JSON:

{

"errorMessage": "string",

"resource": "string",

"status": "string",

"statusCode": 0

}

Uses : to get the details of an Application.

4. /applicationService/{id}/getEnvironmentNames

Method type: POST

Input parameter:

"applicationName": "string"

Output JSON:

{

"errorMessage": "string",

"resource": "string",

"status": "string",

"statusCode": 0

}

Uses : to get the names of Environment of an Application.

5. /applicationService/{id}/updateAppinfo

Method type: POST

Input JSON:

{

"applicationName": "string",

"artifactToStage": {

"artifact": "string",

"artifactRepo": {

"repoName": "string",

"repoPassword": "string",

"repoURL": "string",

"repoUsername": "string"

},

"artifactRepoName": "string",

"flattenFileStructure": "string",

"nexusAPIKey": "string",

"nuspecFilePath": "string"

},

"developers": "string",

"environmentOwnerDetails": [

{

"client": "string",

"connType": "string",

"dBOwners": "string",

"envConfig": [

{

"keyName": "string",

"keyValue": "string"

}

],

"environmentName": "string",

"environmentOwners": "string",

"hostName": "string",

"instanceNumber": "string",

"landscapeType": "string",

"language": "string",

"password": "string",

"port": "string",

"qa": "string",

"sapPISystemID": "string",

"sapPISystemNum": "string",

"serverName": "string",

"systemId": "string",

"userName": "string"

}

],

"environmentProvDetails": [

{

"ansPassword": "string",

"ansUserName": "string",

"environmentProvName": "string",

"invName": "string",

"playName": "string",

"playPath": "string",

"serverName": "string",

"toolName": "string"

}

],

"ibmRQMServerDetails": {

"password": "string",

"serverURL": "string",

"userName": "string"

},

"pipelineAdmins": "string",

"releaseManager": "string",

"sapApplication": "string",

"sapPIApplication": "string",

"slavesDetails": [

{

"build": "string",

"buildServerOS": "string",

"createNewSlave": "string",

"deploy": "string",

"labels": "string",

"slaveName": "string",

"slaveUsage": "string",

"sshkeyPath": "string",

"test": "string",

"workspacePath": "string"

}

],

"testAdmins": "string",

"testers": "string",

"virtualServiceServerDetails": {

"password": "string",

"serverUrl": "string",

"userName": "string"

}

}

Output JSON:

{

"errorMessage": "string",

"resource": "string",

"status": "string",

"statusCode": 0

}

Uses: to update the application details.

1. /applicationService/{platformName}/{id}/getExistingApps

Method type: POST

Input parameter:

" platformName ": "string",

Output JSON:

{

"errorMessage": "string",

"resource": "string",

"status": "string",

"statusCode": 0

}

Uses : to get the list of Application of a particular Platform.

## [job-service](https://idplinv03:8889/idprest/swagger-ui.html#!/job45service) : Job Service

The Job Services API resources are used to manage IDP Job , these resources allow you to add , update and delete IDP Job data. **Note:** These resources can be used as a part of scripts or programs to allow authorized admininstators to manage the Application.

**REST end points**

### [/jobService/pipelineAdmins](https://idplinv03:8889/idprest/swagger-ui.html#!/job45service/getPipelineAdminsUsingGET)

Method type: POST

Input Parameter:

"applicationName": "string"

Output JSON:

{

"errorMessage": "string",

"resource": "string",

"status": "string",

"statusCode": 0

}

Uses : to get the list of pipeline admins.

### [/jobService/pipelines/sapApplication/{application\_name}](https://idplinv03:8889/idprest/swagger-ui.html#!/job45service/isSAPApplicationUsingGET)

Method type: GET

Input Parameter:

"applicationName": "string"

Output JSON:

{

"errorMessage": "string",

"resource": "string",

"status": "string",

"statusCode": 0

}

Uses : to check wether application is SAP application or general.

### 3. [/jobService/{id}/TriggerInputs](https://idplinv03:8889/idprest/swagger-ui.html#!/job45service/triggerInputsUsingPOST)

Method type: POST

Input JSON:

{

"applicationName": "string",

"envName": "string",

"mailBody": "string",

"method": "string",

"pipelineName": "string",

"platformName": "string",

"releaseNumber": "string",

"userName": "string"

}

Output JSON:

{

"errorMessage": "string",

"resource": "string",

"status": "string",

"statusCode": 0

}

Uses : to get the inputs for triggering a pipeline.

### 4. [/jobService/{id}/deletePipeline](https://idplinv03:8889/idprest/swagger-ui.html#!/job45service/triggerInputsUsingPOST)

Method type: POST

Input JSON:

{

"applicationName": "string",

"envName": "string",

"mailBody": "string",

"method": "string",

"pipelineName": "string",

"platformName": "string",

"releaseNumber": "string",

"userName": "string"

}

Output JSON:

{

"errorMessage": "string",

"resource": "string",

"status": "string",

"statusCode": 0

}

Uses : to delete a pipleine.

### 5. [/jobService/{id}/jobCreationSuccessMail](https://idplinv03:8889/idprest/swagger-ui.html#!/job45service/jobCreationSuccessMailUsingPOST)

### Method type: POST

Input JSON:

{

"applicationName": "string",

"envName": "string",

"mailBody": "string",

"method": "string",

"pipelineName": "string",

"platformName": "string",

"releaseNumber": "string",

"userName": "string"

}

Output JSON:

{

"errorMessage": "string",

"resource": "string",

"status": "string",

"statusCode": 0

}

Uses : to send mail to users for the notification of successfully created pipeline.

### 6. [/jobService/{id}/downloadArtifact](https://idplinv03:8889/idprest/swagger-ui.html#!/job45service/triggerInputsUsingPOST)

Method type: POST

Input JSON:

{

"buildNumber": "string",

"jobName": "string",

"subJobName": "string"

}

Output JSON:

{

"errorMessage": "string",

"resource": "string",

"status": "string",

"statusCode": 0

}

Uses : to download artifact from nexus.

### 6. [/jobService/{id}/triggerJob](https://idplinv03:8889/idprest/swagger-ui.html#!/job45service/triggerInputsUsingPOST)

Method type: POST

Input JSON:

{

"appId": "string",

"applicationName": "string",

"apprBuildNo": "string",

"apprComment": "string",

"apprInput": "string",

"apprStepName": "string",

"artifactName": "string",

"artifactorySelected": "string",

"branchOrTag": "string",

"branchOrTagList": [

true

],

"branchOrTagValue": "string",

"build": {

"branchSelected": "string",

"cast": "string",

"codeAnalysis": "string",

"currentDate": "string",

"manifestFileName": "string",

"module": [

"string"

],

"newVersion": "string",

"oldVersion": "string",

"srcEnv": "string",

"unitTest": "string"

},

"buildDeploy": "string",

"buildartifactNumber": "string",

"castSlaveName": "string",

"charmRequests": [

"string"

],

"client": "string",

"componentSprint": [

{

"dataFile": "string",

"projectId": 0,

"resultURL": "string",

"sourceFile": "string",

"sprintId": 0,

"sprintName": "string"

}

],

"copyTR": true,

"dashBoardLink": "string",

"dbOperations": "string",

"depParam": "string",

"deploy": {

"allEnvOwner": "string",

"artifactID": "string",

"dbDeployFailSafe": "string",

"dbDeployOperation": "string",

"dbDeployPipelineList": "string",

"dbDeployPipelineOwners": "string",

"dbDeployRollbackType": "string",

"dbDeployRollbackValue": "string",

"deployArtifact": {

"artifactID": "string",

"artifactName": "string",

"buildModulesList": [

"string"

],

"downloadURL": "string",

"environment": "string",

"groupId": "string",

"nexusURL": "string",

"repoName": "string",

"timestamp": "string",

"userInfo": "string",

"version": "string"

},

"deployModule": [

"string"

],

"deployOperationSelected": "string",

"deployStep": [

"string"

],

"deploymentType": "string",

"destEnvOwner": "string",

"destLandscape": "string",

"manifestFileName": "string",

"nexusId": "string",

"pairName": "string",

"password": "string",

"sourceEnvName": "string",

"srcEnv": "string",

"subModule": [

"string"

],

"version": "string"

},

"deployDB": "string",

"emailed": "string",

"envParamList": {

"envName": "string",

"envParam": [

{

"keyName": "string",

"keyValue": "string"

}

]

},

"envSelected": "string",

"errorCode": "string",

"fileName": "string",

"gitTag": "string",

"hpAlmTestSuite": "string",

"ibmRQMServerDetails": {

"password": "string",

"serverURL": "string",

"userName": "string"

},

"ibmRQMTestSuiteId": "string",

"instance": "string",

"itawSuite": [

"string"

],

"jiraProjectKey": "string",

"jobBuildId": "string",

"jobParam": [

{

"jobParamName": "string",

"jobParamSatic": true,

"jobParamValue": "string",

"jobType": "string"

}

],

"jobType": "string",

"landscapeType": "string",

"language": "string",

"lanscapeName": "string",

"mtmProjectName": "string",

"mtmStepName": "string",

"nonRepoDeployStatus": "string",

"notify": "string",

"nugetPackaging": true,

"pairName": "string",

"password": "string",

"pipId": "string",

"pipelineName": "string",

"pipelineSelection": [

{

"appSelectionDetails": [

{

"pipelineSelectionDetails": [

"string"

]

}

]

}

],

"pipelines": [

{}

],

"platform": "string",

"postTestSelected": "string",

"processSelected": "string",

"rebase": {

"bugFixTR": "string",

"sourceEnvSelected": "string",

"targetEnvSelected": "string",

"transportObject": "string",

"transportObjectType": "string"

},

"reconcileSlaveName": "string",

"releaseManagers": "string",

"releaseNumber": "string",

"repoDeployStatus": "string",

"restoreDB": "string",

"restoreTRFlag": true,

"restoreTRParams": "string",

"rmAssemblies": "string",

"sapUserName": "string",

"saptestName": "string",

"scmBranch": "string",

"slaveName": "string",

"sonardashBoardLink": "string",

"srcEnv": "string",

"stubHref": [

{

"href": "string",

"stubNameVersion": "string"

}

],

"subApplicationName": "string",

"systemId": "string",

"systemName": "string",

"technology": "string",

"testPlanId": "string",

"testSelected": "string",

"testSlaveName": "string",

"testStep": [

"string"

],

"testStepDetails": [

{

"testStepName": "string",

"testStepTool": "string"

}

],

"testSuitId": "string",

"testsStepSelected": [

{

"stepName": "string",

"testSlave": "string"

}

],

"tfsWorkItem": "string",

"tokenValue": "string",

"transportRequest": [

"string"

],

"triggerId": 0,

"usePreviousArtifact": "string",

"userName": "string",

"userStories": "string",

"userStoryString": "string",

"virtualServicesList": [

"string"

],

"virtualTestStep": "string",

"virtualization": "string"

}

Output JSON:

{

"errorMessage": "string",

"resource": "string",

"status": "string",

"statusCode": 0

}

Uses : to trigger a pipline from IDP.

8. [/jobService/{platformName}/{id}/submitJob](https://idplinv03:8889/idprest/swagger-ui.html#!/job45service/submitJobUsingPOST_1)

Method type: POST

Input Parameter:

"platformName": "string",

"idpJOSN": "string",

Output JSON:

{

"errorMessage": "string",

"resource": "string",

"status": "string",

"statusCode": 0

}

Uses : to submit job for creation of pipeline in Jenkins.

### 9. [/jobService/{platform}/{id}/getPipelineDetails](https://idplinv03:8889/idprest/swagger-ui.html#!/job45service/getPipelineDetailsUsingPOST)

Method type: POST

Input JSON:

{

"applicationName": "string",

"envName": "string",

"mailBody": "string",

"method": "string",

"pipelineName": "string",

"platformName": "string",

"releaseNumber": "string",

"userName": "string"

}

Output JSON:

{

"errorMessage": "string",

"resource": "string",

"status": "string",

"statusCode": 0

}

Uses : to get the details of a pipeline.

## [user-service](https://idplinv03:8889/idprest/swagger-ui.html#!/job45service) : User Service

The User Services API resources are used to manage users , these resources allow you to get the details of a user. **Note:** These resources can be used as a part of scripts or programs to allow authorized admininstators to manage the Application.

**REST end points**

1. [/userService/applications/roles/{application\_name}](https://idplinv03:8889/idprest/swagger-ui.html#!/user45service/getUserRolePermissonForAppUsingGET)

Method type: GET

Input Parameter:

"applicationName": "string"

Output JSON:

{

"errorMessage": "string",

"resource": "string",

"status": "string",

"statusCode": 0

}

Uses : to get the roles of a user in an application.

1. [/userService/{id}/getUserRolesPermissions](https://idplinv03:8889/idprest/swagger-ui.html#!/user45service/getUserRolePermissonUsingPOST)

Method type: POST

Input Parameter:

"id": "string"

Output JSON:

{

"errorMessage": "string",

"resource": "string",

"status": "string",

"statusCode": 0

}

Uses : to get the user role permission of a user in an application.