# S3FileUploadStep

**Objective:**

It is used to Upload the files into given S3 location and return a URL for the uploaded file.

**Attributes:**

|  |  |
| --- | --- |
| **Attributes** | **Description** |
| file\_name | To give exact file path in s3 bucket to upload the file data |
| file\_data | Used to get file data from previous step |
| output\_variable | Used to store the response of the request |
| bucket\_name | To give the particular bucket name in s3 to upload data |
| content\_type | Used enter type of content |
| value\_type | To select type as free marker template or handlebar |
| file\_access | To enter the access level like private, public etc.. |
| plugin\_name | To connect with aws amazon based access key and secret key which given plugin |

**Sample config.json:**

{

"workflows": [

{

"id": "33\_uploadlog4j2",

"name": "33\_uploadlog4j2",

"trigger": "rest",

"expression": "/app/upload/template/log4j2",

"method": "POST",

"steps": [

{

"id": "1",

"type": "s3-file-download",

"fileName": "log4j2.xml",

"output\_variable": "\_logtemplate",

"bucketPath": "appup-bucket/appup/deployment-templates",

"value\_type": "hb",

"plugin\_name": "appup\_bucket",

"next": {

"success": "getdownloadfile",

"failure": "hangup"

}

},

{

"id": "getdownloadfile",

"type": "template",

"value": "{{{bytes2string \_logtemplate}}}",

"value\_type": "hb",

"output\_variable": "log4j2",

"next": {

"success": "uploadJSON",

"failure": "hangup"

}

},

{

"id": "uploadJSON",

"type": "s3-binary-file-upload",

"file\_name": "521/app/appup\_lib/log4j2.xml",

"file\_data": "log4j2",

"output\_variable": "uploadedURL",

"bucket\_name": "appup-bucket",

"value\_type": "hb",

"file\_access": "PublicRead",

"plugin\_name": "appup\_bucket"

}

]

}

],

"filters": [],

"server": {},

"plugins": [

{

"id": 25,

"name": "appup\_bucket",

"type": "s3-plugin",

"version": "1.0",

"category": "storage",

"secretKey": "YTLxPha9rAUkPQzU/ywYD+urXjHSMWlnG1+n086T",

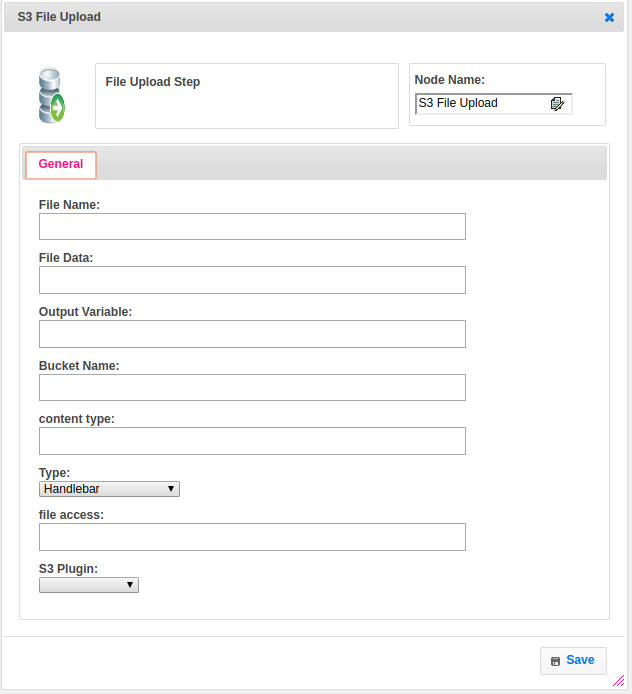
"region": "ap-south-1",

"accessKey": "AKIAIVJMBGBK4PRJ3SKA"

}

]

}

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**Executor Description:**

In Executor class first it will connect to s3 in aws account based on the plugin credentials. Set the content type, length and take the data as array of bytes and upload into a file based on file name and backet name which given by user and return a url for the uploaded file.