# S3PreSignURLStep

**Objective:**

It is used to create a s3 presigned url to a particular file key location.

**Attributes:**

|  |  |
| --- | --- |
| **Attributes** | **Description** |
| file\_name | To give file name to create the file in s3 bucket |
| output\_variable | Used to store the response of the request |
| expiration\_time\_in\_sec | To enter the expiration time in seconds |
| bucket\_name | To give the particular bucket name in s3 to generate presigned url |
| value\_type | To select type as free marker template or handlebar |
| method | To select the method type |
| plugin\_name | To connect with aws amazon based access key and secret key which given plugin |
| access\_level | To enter the access level like private, public etc.. |

**Sample config.json:**

{

"workflows": [

{

"name": "s3-pre-sign",

"id": 200,

"trigger": "rest",

"expression": "s3presign",

"method": "GET",

"steps": [

{

"type": "start",

"id": 1,

"next": {

"start": "start"

}

},

{

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

"file\_name": "51/rajnishfile/static/files/uploads3.txt",

"output\_variable": "pre-sign-url-output",

"expiration\_time\_in\_sec": "60",

"value\_type": "ftl",

"method": "PUT",

"plugin\_name": "s3-pre-sign",

"type": "s3-pre-sign-url",

"id": "start",

"next": {

"success": "pre-sign-url-success",

"failure": "hangup"

}

},

{

"variable\_name": "pre-sign-url-output",

"http\_response\_code": "200",

"response\_content\_type": "text/html",

"value\_type": "hb",

"type": "send",

"id": "pre-sign-url-success",

"next": {

"success": "hangup",

"failure": "hangup"

}

}

]

}

],

"filters": [],

"server": {},

"plugins": [

{

"id": 25,

"name": "s3-pre-sign",

"type": "s3-plugin",

"version": "1.0",

"category": "storage",

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

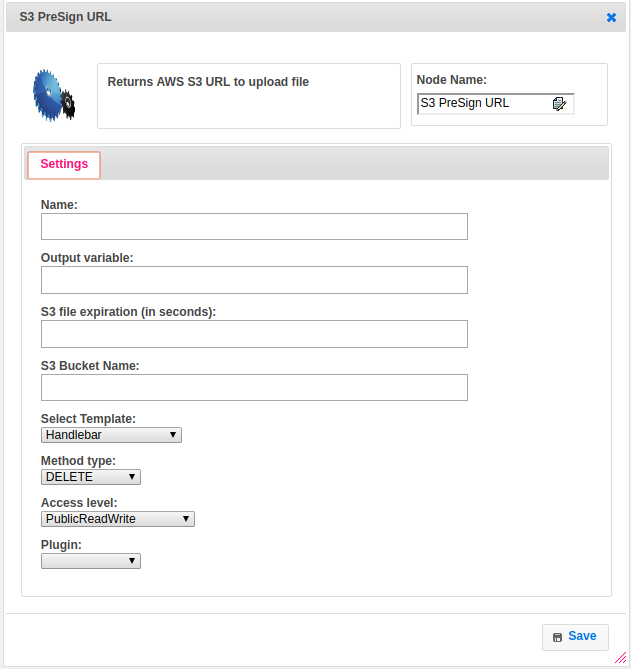
"region": "ap-south-1",

"accessKey": "AKIAIVJMBGBK4PRJ3SKA"

}

]

}

****

**Executor Description:**

In executor class first create request object with the given bucket name and file key. Set expiration time to the generated s3 presigned url. Add access level to the request parameters, if not specified then public read will be default access level. Put the s3 url into output variable.