

# API Documentation: Permissions Component

## API Context Roots

- [api/component](#)
- [api/role](#)
- [api/mapping](#)
- [api/entity](#)
- [api/permission](#)

## Example URI: /component

### Request Data

**Method:** POST

**Query String:** component=Khan's Component

**Request Data:**

### Response

**Content Type:**

**Response Code:** 200

**Response Content:**

`{"value":"Khan's Component","message":null,"status":"SUCCESS"}`

---

## Example URI: /component

### Request Data

**Method:** POST

**Query String:** component=Khan's Component

**Request Data:**

### Response

**Content Type:**

**Response Code:** 409

**Response Content:**

`{"value":null,"message":"Component already exists.","status":"FAILURE"}`

---

## Example URI: /component

## Request Data

**Method:** PUT

**Query String:** component=Khan's  
Component&newComponent=Shajib's Component

**Request Data:**

## Response

**Content Type:**

**Response Code:** 200

**Response Content:**

`{"value":"Shajib's Component","message":null,"status":"SUCCESS"}`

---

## Example URI: /component

### Request Data

**Method:** PUT

**Query String:** component=Shajib's  
Component&newComponent=Shajib's Component

**Request Data:**

### Response

**Content Type:**

**Response Code:** 409

**Response Content:**

`{"value":null,"message":"Component already exists.","status":"FAILURE"}`

---

## Example URI: /component

## Request Data

**Method:** GET

**Query String:**

**Request Data:**

## Response

**Content Type:**

**Response Code:** 200

**Response Content:**

```
{ "value": [ { "permissions": [], "component": "Item  
Authoring" }, { "permissions": [ { "name": "Author Tests" }, { "name": "Approve  
Tests" }, { "name": "Release Tests" } ], "component": "Test  
Authoring" }, { "permissions": [], "component": "Test  
Delivery" } ], "message": null, "status": "SUCCESS" }
```

## Example URI: /component

### Request Data

**Method:** GET

**Query String:** component=Khan's Component

**Request Data:**

### Response

**Content Type:**

**Response Code:** 200

**Response Content:**

```
{ "value": [ { "permissions": [ { "name": "Khan's Permission" } ], "component": "Khan's  
Component" } ], "message": null, "status": "SUCCESS" }
```

---

## Example URI: /component

## Request Data

**Method:** GET

**Query String:** role=Khan's Role

**Request Data:**

## Response

**Content Type:**

**Response Code:** 200

**Response Content:**

```
{"value":[{"permissions":[{"name":"Khan's Permission"}],"component":"Khan's Component"}],"message":null,"status":"SUCCESS"}
```

---

## Example URI: /component

### Request Data

**Method:** GET

**Query String:** component=Invalid Component

**Request Data:**

### Response

**Content Type:**

**Response Code:** 404

**Response Content:**

```
{"value":null,"message":"Component:'Invalid Component' is not found.","status":"FAILURE"}
```

---

## Example URI: /component

## Request Data

**Method:** GET

**Query String:** role=Invalid Role

**Request Data:**

## Response

**Content Type:**

**Response Code:** 404

**Response Content:**

```
{"value":null,"message":"Component by role:'Invalid Role' is not found.", "status":"FAILURE"}
```

---

## Example URI: /component

### Request Data

**Method:** DELETE

**Query String:** component=Shajib's Component

**Request Data:**

### Response

**Content Type:**

**Response Code:** 200

**Response Content:**

```
{"value":"Shajib's Component", "message":null, "status":"SUCCESS"}
```

---

## Example URI: /role

### Request Data

**Method:** POST

**Query String:** roleId=Khan's Role

**Request Data:**

### Response

**Content Type:**

**Response Code:** 200

**Response Content:**

```
{"value":"Khan's Role","message":null,"status":"SUCCESS"}
```

---

## Example URI: /role

### Request Data

**Method:** POST

**Query String:** roleId=Khan's Role

**Request Data:**

### Response

**Content Type:**

**Response Code:** 409

**Response Content:**

```
{"value":null,"message":"Role already exists.","status":"FAILURE"}
```

---

## Example URI: /role

### Request Data

**Method:** PUT

**Query String:** roleId=Khan's Role&newRole=Shajib's Role

**Request Data:**

### Response

**Content Type:**

**Response Code:** 200

**Response Content:**

```
{"value":"Shajib's Role","message":null,"status":"SUCCESS"}
```

---

## Example URI: /role

### Request Data

**Method:** PUT

**Query String:** roleId=Shajib's Role&newRole=Shajib's Role

**Request Data:**

### Response

**Content Type:**

**Response Code:** 409

**Response Content:**

```
{"value":null,"message":"Already exists.","status":"FAILURE"}
```

---

## Example URI: /role



## Request Data

**Method:** GET

**Query String:**

**Request Data:**

## Response

**Content Type:**

**Response Code:** 200

**Response Content:**

```
{"value":[{"role":"Test Approver","allowableEntities":[{"description":"Client","entity":"CLIENT"}, {"description":"State","entity":"STATE"}]}, {"role":"Test Author","allowableEntities":[{"description":"Client","entity":"CLIENT"}, {"description":"State","entity":"STATE"}]}, {"role":"Test Kingpin","allowableEntities":[{"description":"Client","entity":"CLIENT"}, {"description":"State","entity":"STATE"}]}], "message":null, "status":"SUCCESS"}
```

---

## Example URI: /role

### Request Data

**Method:** GET

**Query String:** role=Khan's Role

**Request Data:**

### Response

**Content Type:**

**Response Code:** 200

**Response Content:**

```
{"value":[{"role":"Khan's Role","allowableEntities":[{"description":"District","entity":"DISTRICT"}]}], "message":null, "status":"SUCCESS"}
```

---

## Example URI: /role

### Request Data

**Method:** GET

**Query String:** component=Khan's Component

**Request Data:**

### Response

**Content Type:**

**Response Code:** 200

**Response Content:**

```
{"value":[{"role":"Khan's  
Role","allowableEntities":[{"description":"District","entity":"DISTRICT"}]},{"message":null,"status":"SUCCESS"}]}
```

---

## Example URI: /role

### Request Data

**Method:** GET

**Query String:** component=Khan's Component&permission=Khan's  
Permission

**Request Data:**

### Response

**Content Type:**

**Response Code:** 200

**Response Content:**

```
{"value":[{"role":"Khan's  
Role","allowableEntities":[{"description":"District","entity":"DISTRICT"}]},{"message":null,"status":"SUCCESS"}]}
```

---

## Example URI: /role

### Request Data

**Method:** GET

**Query String:** role=Invalid Role

**Request Data:**

### Response

**Content Type:**

**Response Code:** 404

**Response Content:**

`{"value":null,"message":"Role:'Invalid Role' is not found.","status":"FAILURE"}`

---

## Example URI: /role

### Request Data

**Method:** GET

**Query String:** component=Invalid Component

**Request Data:**

### Response

**Content Type:**

**Response Code:** 404

**Response Content:**

`{"value":null,"message":"Role by component:'Invalid Component' is not found.","status":"FAILURE"}`

---

## Example URI: /role

### Request Data

**Method:** DELETE

**Query String:** roleId=Shajib's Role

**Request Data:**

### Response

**Content Type:**

**Response Code:** 200

**Response Content:**

`{"value":"Shajib's Role","message":null,"status":"SUCCESS"}`

---

## Example URI: /mapping

### Request Data

**Method:** POST

**Query String:** component=Khan's Component&permission=Khan's Permission&roleId=Khan's Role

**Request Data:**

### Response

**Content Type:**

**Response Code:** 200

**Response Content:**

```
{"value":"Khan's Permission","message":null,"status":"SUCCESS"}
```

---

## Example URI: /mapping

### Request Data

**Method:** GET

**Query String:**

**Request Data:**

### Response

**Content Type:**

**Response Code:** 200

**Response Content:**

```
{"value":{"mappings":[{"Test Approver":true,"Permission":"Author Tests","Test Kingpin":true,"Test Author":true,"Component":"Test Authoring"},{"Test Approver":true,"Permission":"Approve Tests","Test Kingpin":true,"Test Author":false,"Component":"Test Authoring"}]}
```

```
Approver":false,"Permission":"Release Tests","Test Kingpin":true,"Test
Author":false,"Component":"Test Authoring"}],{"role":"Test
Approver","allowableEntities":[{"description":"Client","entity":"CLIENT"},{"descripti
on":"State","entity":"STATE"}]},{"role":"Test
Author","allowableEntities":[{"description":"Client","entity":"CLIENT"},{"description
":"State","entity":"STATE"}]},{"role":"Test
Kingpin","allowableEntities":[{"description":"Client","entity":"CLIENT"},{"descriptio
n":"State","entity":"STATE"}]}]},"message":null,"status":"SUCCESS"}
```

---

## Example URI: /mapping

### Request Data

**Method:** DELETE

**Query String:** component=Khan's Component &permission=Khan's  
Permission&roleId=Khan's Role

**Request Data:**

### Response

**Content Type:**

**Response Code:** 200

**Response Content:**

```
{"value":"Khan's Permission","message":null,"status":"SUCCESS"}
```

---

## Example URI: /entity

### Request Data

**Method:** POST

**Query String:** roleId=Khan's Role&entity=District

**Request Data:**

### Response

**Content Type:**

**Response Code:** 200

**Response Content:**

```
{"value":"District","message":null,"status":"SUCCESS"}
```

---

## Example URI: /entity

### Request Data

**Method:** GET

**Query String:**

**Request Data:**

### Response

**Content Type:**

**Response Code:** 200

**Response Content:**

```
{"value":[{"description":"Client","entity":"CLIENT"}, {"description":"Group of States","entity":"GROUPOFSTATES"}, {"description":"State","entity":"STATE"}, {"description":"Group of Districts","entity":"GROUPOFDISTRICTS"}, {"description":"District","entity":"DISTRICT"}, {"description":"Group of Institutions","entity":"GROUPOFINSTITUTIONS"}, {"description":"Institutions","entity":"INSTITUTIONS"}], "message":null, "status":"SUCCESS"}
```

---

## Example URI: /entity

### Request Data

**Method:** DELETE

**Query String:** roleId=Khan's Role&entity=District

**Request Data:**

### Response

**Content Type:**

**Response Code:** 200

**Response Content:**

```
{"value":"District","message":null,"status":"SUCCESS"}
```

---



## Example URI: /permission

### Request Data

**Method:** POST

**Query String:** component=Khan's Component&permission=Khan's Permission

**Request Data:**

### Response

**Content Type:**

**Response Code:** 200

**Response Content:**

```
{"value":"Khan's Permission","message":null,"status":"SUCCESS"}
```

---

## Example URI: /permission

### Request Data

**Method:** POST

**Query String:** component=Khan's Component&permission=Khan's Permission

**Request Data:**

### Response

**Content Type:**

**Response Code:** 409

**Response Content:**

```
{"value":null,"message":"Khan's Component already has Permission [Khan's Permission].","status":"FAILURE"}
```

## Example URI: /permission

### Request Data

**Method:** PUT

**Query String:** component=Khan's Component&permission=Khan's Permission&newPermission=Shajib's Permission

**Request Data:**

### Response

**Content Type:**

**Response Code:** 200

**Response Content:**

```
{"value":"Khan's Permission","message":null,"status":"SUCCESS"}
```

---

## Example URI: /permission

### Request Data

**Method:** GET

**Query String:**

**Request Data:**

### Response

**Content Type:**

**Response Code:** 200

**Response Content:**

```
{"value":[{"name":"Author Tests"}, {"name":"Approve Tests"}, {"name":"Release Tests"}, {"name":"123"}, {"name":"New Permission"}, {"name":"Edited Permission"}, {"name":"Author Test"}, {"name":"Khan's Permission"}, {"name":"Shajib's Permission"}, {"name":"Approve Test"}, {"name":"Approve Tests s"}], "message":null, "status":"SUCCESS"}
```

---

## Example URI: /permission

### Request Data

**Method:** GET

**Query String:** component=Khan's Component

**Request Data:**

### Response

**Content Type:**

**Response Code:** 200

**Response Content:**

```
{"value":[{"name":"Khan's Permission"}],"message":null,"status":"SUCCESS"}
```

---

## Example URI: /permission

### Request Data

**Method:** GET

**Query String:** component=Invalid Component

**Request Data:**

### Response

**Content Type:**

**Response Code:** 404

**Response Content:**

```
{"value":null,"message":"No permission by component name:Invalid Component.","status":"FAILURE"}
```

---

## Example URI: /permission

### Request Data

**Method:** DELETE

**Query String:** component=Khan's Component&permission=Shajib's Permission

**Request Data:**

### Response

**Content Type:**

**Response Code:** 200

**Response Content:**

{"value":"Shajib's Permission","message":null,"status":"SUCCESS"}