Create Institution Role Service


Service Location:  https://fiscaldocumentseditest.azurewebsites.net/EndPoints/Institution/EditRole/EndPoint.php

Tip serviciu: POST

Parametrii: 'username', 'hashedPassword',  'institutionName' 'roleName', new roleName newRoleRights

Output:  status = "..." , error = "..."


Serviciul creaza un rol nou in cadrul institutiei specificate


Exemplu apelare corecta : https://fiscaldocumentseditest.azurewebsites.net/EndPoints/Institution/EditRole/EndPoint.php

username=Loghin

hashedPassword=parola  (la voi va fi hashuita, astea sunt doar exemple interne)

institutionName=O%20Dau%20SRL (%20 e spatiu)

roleName=Smecher

newRoleName=Bombardier

newRoleRights = {

        "Can_Modify_Institution":0,

"Can_Delete_Institution":0,

"Can_Add_Members":0,

"Can_Remove_Members":0,

"Can_Upload_Documents":0,

"Can_Preview_Uploaded_Documents":0,

"Can_Remove_Uploaded_Documents":0,

"Can_Send_Documents":1,

"Can_Preview_Received_Documents":0,

"Can_Preview_Specific_Received_Document":0,

"Can_Remove_Received_Documents":0,

"Can_Download_Documents":1,

"Can_Add_Roles":0,

"Can_Remove_Roles":0,

"Can_Modify_Roles":0,

"Can_Assign_Roles":0,
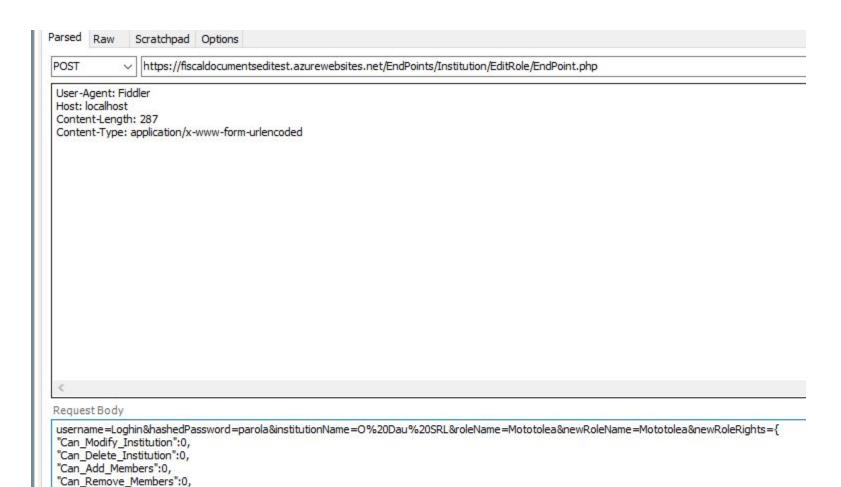
"Can_Deassign_Roles":0
}

SAU (parola hashuita)

username=rares

hashedPassword=7ca576f41d22322c7f3dd668d0103785f8fef6ee

| Response: | | | | |
|---|---|---|---|---|
| Status: | Mesaj Eroare: | HTTP Code: | Cauza: | Exemplu: |
| succes | "" | 200 | Users si Pass corecte, User activ, Institutie Creata | Mai sus aveti exemple |
| failed | BAD_REQUEST_TYPE | 400 | Request-ul nu e POST | GET in loc de POST |
| failed | NULL_INPUT | 400 | Username-ul si/sau parola si/sau institutionName nu sunt scrise in link, sau lipseste rolul, sau noile drepturi | username= hashedPassword=test institutionName=OIncercare |
| failed | DB_FAILED | 200 | A crapat baza de date, exceptie interna | e interna treaba |
| failed | WRONG_PASSWORD | 200 | A gasit user-ul, parola e gresita | username=Loghin password=password (orice parola gresita) |
| failed | USER_NOT_FOUND | 200 | Nu a gasit user-ul in baza de date | username=VladLoghin (nu exista in BD) |

| failed | UNAUTHORIZED_ACTION | 200 | User-ul nu poate crea roluri in inst. data | Depinde de context |
|--------|---------------------|-----|--------------------------------------------|--------------------|
| failed | INVALID_ACTION | 200 | Exceptie interna | Exceptie interna |
| failed | ROLE_DUPLICATE_SAME_RIGHTS | 200 | Deja exista un rol cu aceleasi drepturi | |
| failed | ROLE_RIGHTS_UNMODIFIABLE | 200 | Ai incercat sa editezi un rol nemodificabil | Incerci sa editezi rolul de manager |
| failed | ROLE_NOT_FOUND | 200 | Nu exista rolul cerut | |

Exemplu apelare (fiddler)

Parsed  Raw  Scratchpad  Options

POST  ∨  https://fiscaldocumentseditest.azurewebsites.net/EndPoints/Institution/EditRole/EndPoint.php

User-Agent: Fiddler
Host: localhost
Content-Length: 287
Content-Type: application/x-www-form-urlencoded

<

Request Body

username=Loghin&hashedPassword=parola&institutionName=O%20Dau%20SRL&roleName=Mototolea&newRoleName=Mototolea&newRoleRights={
"Can_Modify_Institution":0,
"Can_Delete_Institution":0,
"Can_Add_Members":0,
"Can_Remove_Members":0,
"Can_Upload_Documents":0,
"Can_Preview_Uploaded_Documents":0,
"Can_Remove_Uploaded_Documents":0,
"Can_Send_Documents":1,
"Can_Preview_Received_Documents":0,
"Can_Preview_Specific_Received_Document":0,
"Can_Remove_Received_Documents":0,
"Can_Download_Documents":0,
"Can_Add_Roles":0,
"Can_Remove_Roles":0,
"Can_Modify_Roles":0,
"Can_Assign_Roles":0,
"Can_Deassign_Roles":0
}

Arhitectura

# Flowchart

**POST input:**
username,
password,
institution name
role name
role new rights

**Input Correct** — No → response:
status = failed
error = NULL_INPUT

Yes ↓

**Account Valid** — include ValidationHelper — No → response:
status = failed
error = USER_NOT_FOUND
OR
error = PASS_INVALID

Yes ↓

**rights exist?** — No → response:
status = failed
error = RIGHTS_INVALID

Yes ↓

**Check if Inst. exists in DB**

SELECT ID FROM Institutions
WHERE Name = institutionName

↓ Returns row

**MySQL DB** → **row != null** — No → response:
status = failed
error = INST_NOT_FOUND

Yes ↓

**caller is Inst. Admin?** — No → response:
status = failed
error = UNAUTHORIZED_ACTION

Yes ↓

**role exists?** — No → response:
status = failed
error = DUPLICATE_ROLE

Yes ↓

**Update Role Rights** → response:
status = success
error = null