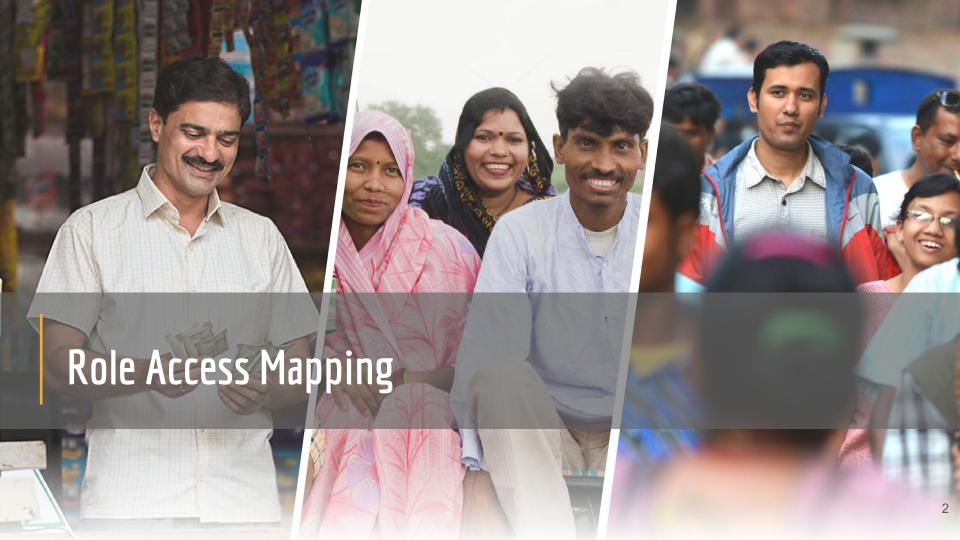






National Urban Digital Mission

Building cities that work for people





Outline

- 1. Overview
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Overview

UPYOG is API based Platform here each API is denoting to a UPYOG resource. Access Control Service (ACS) primary job is to authorise end-user based on their roles and provide access to the UPYOG platform resources. Access control functionality basically works based on below points:

Actions: Actions are events which are performed by a user. This can be an API end-point or Frontend event. This is MDMS master.

Roles: Role are assigned to the user, a user can hold multiple roles. Roles are defined in MDMS masters.

Role-Action: Role actions are mapping b/w Actions and Roles. Based on role, action mapping access control service identifies applicable action for the role.



Adding Roles to the System

The roles are configured at MDMS master under the folder name ACCESSCONTROL-ROLES in the file roles.json. Following are sample for adding new role,

```
"code": "EMPLOYEE",
"name": "Employee",
"description": "Default role for all employees"
```



Adding New APIs for Access

```
"id": {{ACTION ID}}, - Unique ID
   "name": "Create TradeLicense", - Description of API
   "url": "/tl-services/v1/ create", -
   "parentModule": "",
   "displayName": "Create TradeLicense",
   "orderNumber": 0,
   "enabled": false,
   "serviceCode": "tl-services",
   "code": "null",
   "path": ""
By default the added end-point is secured one, if we want make open end-point (Skip
Authentication) or partially secured then we need to add in <u>environment</u> file level
under zuul
```



Mapping Roles with APIs

```
"rolecode": "EMPLOYEE",

"actionid": {{ACTION_ID}},

"actioncode": "",

"tenantId": "pb"

}
```



Mapping User to a Role

While creating an employee in the system from HRMS Admin, the roles can be assigned to the employees based on the requirement. The roles added in mdms will show for "roles drop down" in employee create screen.



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