

SSO SLO

:

- 1. redirect oauth/authorize/ / index.html .
- 2. initiate-login
- 3. send/otp/
- 4. authenticate/first-page/ /login .
- 5. oauth/authorize/ .

:

cookie cookie (cookie client httponly client cookie).

csrf :

cookie XSRF-TOKEN csrf httponly false client . POST X-XSRF-TOKEN

initiate login

: initiate-login/

:

: POST

: application/x-www-form-urlencoded

:

```

{
  "next_page": "login",
  "next_page_action": "http://192.168.1.118:8095/send/otp",
  "next_page_data": {
    "login": {
      "user_info": {
        "loa": "LEVEL_2_2",
        "fields": {
          "mobile_number": {
            "priority": 1,
            "value": "09127998974",
            "status": "hidden"
          },
          "national_number": {
            "priority": 2,
            "value": "",
            "status": "present"
          }
        }
      },
      "client_info": {
        "scope_titles": " ",
        "client_name": "",
        "client_id": "abara"
      },
      "general_info": {
        "download_address": "http://192.168.1.118:8095/download",
        "deprecate_address": "http://192.168.1.118:8095/deprecate/"
      }
    }
  },
  "ready_for_final_authenticate": false
}

```

:

1. next_page
2. next_page_action
3. next_page_data next_page next_page next_page_data next_page next_page_data login otp pushotp .
 - a. user_info login (priority) (loa)
 - b. client_info
 - c. general_info deprecate .
4. ready_for_final_authenticate false .

()

```

{
  "next_page": "error",
  "ready_for_final_authenticate": false,
  "error": {
    "reason": "    . "
  }
}

```

1. error .
 - a. reason : .
2. next_page: error error reason .

3. next_page: login, otp push otp (reason) toast (next_page toast)

422 .

```
-  
  
{  
    "redirect_address":"https://google.com"  
}
```

: send/otp/
: (national_number) (mobile_number) form-urlencoded
: POST
: application/x-www-form-urlencoded
:

```
{  
    "next_page": "otp",  
    "next_page_action": "http://192.168.1.118:8095/authenticate/first-page",  
    "next_page_data": {  
        "otp": {  
            "code_expire_time": "45",  
            "total_code_expire_time": "60",  
            "otp_address": "http://192.168.1.118:8095/send/otp",  
            "mobile_number": "09121234567",  
            "remaining_wrong_attempt": 3  
        }  
    },  
    "ready_for_final_authenticate": false  
}
```

:
1. next_page: otp .
2. next_page_action: otp
3. next_page_data: (otp) () () (otp_address) (remaining_wrong_attempt) " ussd " littleNumber .

422 .

```
-  
  
{  
    "redirect_address":"https://google.com"  
}
```

(first-page)

: authenticate/first-page/
: (code) (national_number) (mobile_number) form-urlencoded
: POST

: application/x-www-form-urlencoded

:

first-page

```
{
  "next_page": "otp",
  "next_page_action": "http://192.168.1.118:8095/login",
  "ready_for_final_authenticate": true
}
```

:

- 1. next_page ready_for_final_authenticate true .
- 2. <http://192.168.1.118:8095/login> redirect angular .

(pushotp)

pushotp

```
{
  "next_page": "push_otp",
  "next_page_action": "http://192.168.1.118:8095/authenticate/first-page",
  "next_page_data": {
    "push_otp": {
      "code_expire_time": "173",
      "total_code_expire_time": "180",
      "otp_address": "http://192.168.1.118:8095/send/otp",
      "push_code_value": "108460",
      "mobile_number": "09121234567",
      "push_code_provider": "*725#",
      "push_otp_check_status_interval": 2,
      "dial_number": "*725*108460#"
    }
  },
  "ready_for_final_authenticate": false,
  "error": {
    "reason": " 1 "
  }
}
```

()

```
{
  "next_page": "login",
  "next_page_data": {
    "login": {
      "user_info": {
        "loa": "LEVEL_2_2",
        "fields": {
          "mobile_number": {
            "priority": 1,
            "value": "09127998974",
            "status": "hidden"
          },
          "national_number": {
            "priority": 2,
```

```

        "value": "0016873408",
        "status": "present"
    }
}
},
"client_info": {
    "scope_titles": " ",
    "client_name": "",
    "client_id": "abara"
},
"general_info": {
    "download_address": "http://192.168.1.118:8095/download",
    "deprecate_address": "http://192.168.1.118:8095/deprecate/"
}
}
},
"ready_for_final_authenticate": false,
"error": {
    "reason": " ". 1"
}
}
}

```

toast next_page_data .

()

```

{
    "next_page": "otp",
    "next_page_action": "http://192.168.1.118:8095/authenticate/first-page",
    "next_page_data": {
        "otp": {
            "code_expire_time": "20",
            "total_code_expire_time": "60",
            "otp_address": "http://192.168.1.118:8095/send/otp",
            "mobile_number": "09124958820"
        }
    },
    "ready_for_final_authenticate": false,
    "error": {
        "reason": " ". 1"
    }
}
}

```

otp .

()

```

{
    "next_page": "facedetection",
    "next_page_action": "http://192.168.1.118:8095/authenticate/face-decetion",
    "next_page_data": {
        "facedetection": {
            ...
        }
    },
    "ready_for_final_authenticate": false
}
}

```

422 .

```
-  
  
{  
  "redirect_address": "https://google.com"  
}
```

login

: login/
:
: POST
: application/x-www-form-urlencoded
: 200 .

```
{  
  "redirect_address" : "http://192.168.1.118:8095/..."  
}
```

422 .

```
{  
  "redirect_address": "https://google.com"  
}
```

zoom-id-init

: /authenticate/face-detection/zoom-id-init
: zoomid .
:
: POST
:
is_enrolled / input . true input .
remaining_wrong_attemp / .
next_page_action true is_enrolled /authenticate/face-detection/zoom-id /authenticate/face-detection/register
enrolled :

zoom-id-init successful not enrolled example

```
{  
  "next_page": "zoomid",  
  "next_page_action": "/authenticate/face-detection/register",  
}
```

```
"next_page_data": {
  "zoomid": {
    "is_enrolled": false,
    "remaining_wrong_attempt": 3
  }
},
"ready_for_final_authenticate": false
}
```

enrolled :

zoom-id-init successful enrolled example

```
{
  "next_page": "zoomid",
  "next_page_action": "/authenticate/face-detection/zoom-id",
  "next_page_data": {
    "zoomid": {
      "is_enrolled": true,
      "remaining_wrong_attempt": 3
    }
  },
  "ready_for_final_authenticate": false
}
```

(zoomid Timeout):

zoom-id-init timedout example

```
{
  "next_page": "zoomid",
  "next_page_action": "/authenticate/face-detection/zoom-id-init",
  "next_page_data": {
    "zoomid": {
      "remaining_wrong_attempt": 3
    }
  },
  "ready_for_final_authenticate": false,
  "error": {
    "reason": " "
  }
}
```

(zoomid):

zoom-id-init failed example

```
{
  "next_page": "error",
  "ready_for_final_authenticate": false,
  "error": {
    "reason": " "
  }
}
```

zoom-id

: /authenticate/face-detection/register

: zoom-id-init is_enrolled false . . .

: application/x-www-form-urlencoded : birth_date timestamp national_serial .

: POST

: is_enrolled true . remaining_wrong_attempt .
:

zoom-id register successful example

```
{
  "next_page": "zoomid",
  "next_page_action": "/authenticate/face-detection/zoom-id",
  "next_page_data": {
    "zoomid": {
      "is_enrolled": true,
      "remaining_wrong_attempt": 3
    }
  },
  "ready_for_final_authenticate": false
}
```

:

zoom-id register failed example

```
{
  "next_page": "zoomid",
  "next_page_action": "/authenticate/face-detection/register",
  "next_page_data": {
    "zoomid": {
      "is_enrolled": false,
      "remaining_wrong_attempt": 2
    }
  },
  "ready_for_final_authenticate": false,
  "error": {
    "reason": " "
  }
}
```

:

zoom-id register failed example

```
{
  "redirect_address": "http://divar.com:9000/buy?error=too_many_attempt"
}
```

zoom-id

: /authenticate/face-detection/zoom-id

: zoomid . callback zoomid .
:

: POST

: ready_for_final_authentication true . emaining_wrong_attempt .
:

zoom-id check successful example

```
{
  "next_page": "zoomid",
  "next_page_action": "/login",

```

```
"ready_for_final_authenticate": true
}
```

:

zoom-id check failed example

```
{
  "next_page": "zoomid",
  "next_page_action": "/authenticate/face-detection/zoom-id",
  "next_page_data": {
    "zoomid": {
      "is_enrolled": true,
      "remaining_wrong_attempt": 3
    }
  },
  "ready_for_final_authenticate": false
}
```

:

zoom-id check failed example

```
{
  "redirect_address": "http://divar.com:9000/buy?error=too_many_attempt"
}
```