**Reqeust:**

**GET /bank/oob/status**

**HTTP/1.1**

**Authorization Header: Bearer** QZxhqGElbjdglGVuITNls2FtEQ**==**

**Response:** Status: 200 OK

{

"status": "challenge",

"channels": [

{

"name": "mobile\_phone",

"description": "xxx-xxx-1234",

"delivery\_methods": [

{

"name": "sms",

"description": "Text",

"active": false

},

{

"name": "audio",

"description": "Voice",

"active": true

}

]

},

{

"name": "work\_phone",

"description": "xxx-xxx-4567",

"delivery\_methods": [

{

"name": "audio",

"description": "Voice",

"active": false

}

]

},

{

"name": "email",

"description": "b\*\*\*2@gmail.com",

"delivery\_methods": [

{

"name": "email",

"description": "Email",

"active": false

}

]

}

],

"bindDeviceEnabled": true,

"links": {

"oobanswer": {

"href": "/api/auth/oob/answer",

"templated": false,

"allowed": [ "POST" ],

"ref": "/api/auth/oob/answer"

},

"oobchallenge": {

"href": "/api/auth/oob/challenge",

"templated": false,

"allowed": [ "POST" ],

"ref": "/api/auth/oob/challenge"

},

"self": {

"href": "/api/auth/oob/status",

"templated": false,

"allowed": [ "GET" ],

"ref": "/api/auth/oob/status"

}

}

}

Attribute 'bindDeviceEnabled' will determine whether device binding is available(true) or not(false).

If the status returned is deny then the user will be logged out.

Only channels which are not suppressed will appear here.

Channels will only be returned if the status is not allow.

A locked user will receive the 'User Answer Locked' error scenario below

The "active" flag on the delivery method is true when there is an active challenge request sent that that channel via that delivery method.

**Request:**

POST /bank/oob/challenge HTTP/1.1

POST /api/auth/oob/challenge HTTP/1.1

Content-Type: application/json

{

"channel": "mobilePhone",

"delivery\_method": "sms"

}

**Response:**

Status Code: 201 Created

{

"channel": "mobilePhone",

"delivery\_method": "sms"

}

If the user has already requested the maximum number of challenges, then 'User Challenge Locked' error scenario below will be returned.

**Request:**

POST /api/auth/oob/answer HTTP/1.1

Content-Type: application/json

{

"identificationCode": "10292",

"bindDevice": true

}

**Response:**

Status Code: 200 OK

{

"identificationCode":"10292",

"bindDevice":true,

"challengeResult":"success",

"links":{

"destination":{

"href":"<dynamic uri>",

"templated":false,

"allowed":[

"POST"

],

"ref":"<dynamic uri>"

}

}

}

Out of Band Error Scenarios

| **Name** | **Return Status** | **Expected Result** |
| --- | --- | --- |
| User Challenge Locked | 403 Forbidden | "Auth.OOB.ChallengeRequest.Locked" code is returned with an error message. |
| User Answer Locked | 403 Forbidden | "Auth.OOB.ChallengeAnswer.Locked" code is returned with an error message. |
| Code Expired | 422 Invalid Entity | "Auth.OOB.ChallengeAnswer.CodeExpired" code is returned on the "IdentificationCode" field with an error message. |
| Invalid Code | 422 Invalid Entity | "Auth.OOB.ChallengeAnswer.InvalidCode" code is returned on the "IdentificationCode" field with an error message. |
| Invalid Code Last Attempt | 422 Invalid Entity | "Auth.OOB.ChallengeAnswer.LastAttempt" code is returned on the "IdentificationCode" field with an error message. |