

Otp Interface

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Purpose of service

Sending one time password to a recipient and verifying the code that he or she enters.
Note: if this option is not available to you- please contact sales department.

Send Otp using json

This function sends an OTP message to a customer via SMS or Email. The function generates the code automatically.

The client should perform Http Post request to the following URL using UTF-8 encoding:

<https://capi.inforu.co.il/api/Otp/SendOtp?json=>

Simple Example

```
{
  "User": {
    "UserName": "USER",
    "Token": "TOKEN"
  },
  "Data": {
    "OtpType": "sms",
    "OtpValue": "0509999999"
  }
}
```

Explanation of parameters:

- **UserName** – Username of the account that was supplied by InforUMobile
- **Token** – Token of the account
- **OtpType**– sms / mail
- **OtpValue**– The mobile number or Email address

Note: These parameters can be set in your account

- Password character length (default 6 characters)
- Password message sender's identification
- Password expiration (default 5 minutes)

Advanced Example

```
{
  "User": {
    "UserName": "USER",
    "Token": "TOKEN"
  },
  "Data": {
    "OtpType": "sms",
    "OtpValue": "0509999999",
    "UserIP": "192.185.23.12",
    "UserName": "david",
    "RequestToken": "hfjdshn878ew"
  }
}
```

Explanation of advance parameters:

- **UserIP** – (optional) The IP of the end user, for documentation only.
- **UserName** – (optional) The UserName of end user, used to strengthen OTP authentication or for documentation such as IP
- **RequestToken** – (optional) If you want to determine the token of OTP authentication , Otherwise the system will issue one for you

Response

Explanation of Response:

```
{  
  "StatusId": 1,  
  "StatusDescription": "OK",  
  "DetailDescription": "Message accepted successfully",  
  "RequestToken": "Xkjs9okhekjk",  
  "FunctionName": "api/Otp/SendOtp",  
  "Records": null,  
  "ReturnData": null  
}
```

1. Status:

- 1 = OK
- -1 = bad username or password
- -92 = BadData

2. StatusDescription – Status interpretation.

3. DetailDescription – Detail Description.

4. RequestToken – Used for more accurate verification of the request.

5. FunctionName – The name of the function that you sent the request to.

6. Records – Not in use.

7. ReturnData – Not in use.

Authenticate Otp using json

This function authenticates the code of the user entered into your system.

The client should perform Http Post request to the following URL using UTF-8 encoding:

<https://capi.inforu.co.il/api/Otp/Authenticate?json=>

Simple Example

```
{
  "User": {
    "Username": "USER",
    "Token": "TOKEN"
  },
  "Data": {
    "OtpCode": "876432",
    "OtpValue": "0509999999"
  }
}
```

Explanation of parameters:

- **UserName** – Username of the account that was supplied by InforUMobile
- **Token** – Token of the account
- **OtpCode** – The code entered by your customer
- **OtpValue** – The mobile number or Email address

Advanced Example

```
{
  "User": {
    "Username": "USER",
    "Token": "TOKEN"
  },
  "Data": {
    "OtpCode": "876432",
    "OtpValue": "0509999999",
    "UserName": "david",
    "RequestToken": "hfjdshn878ew"
  }
}
```

Explanation of advance parameters:

- **UserName** – (optional) Leave blank if you want to verify only by OtpCode & OtpValue. Otherwise, use the compatible field as in the SendOtp Request
- **RequestToken** – (optional) Leave blank if you want to verify only by OtpCode & OtpValue. Otherwise, use the RequestToken that you received in the response of the SendOtp Request.

Response

Explanation of Response:

```
{  
  "StatusId": 1,  
  "StatusDescription": "OK",  
  "DetailDescription": "",  
  "RequestToken": null,  
  "FunctionName": "api/Otp/Authenticate",  
  "Records": null,  
  "ReturnData": null  
}
```

1. **Status:**
 - 1 = OK (Otp Match)
 - -1 = bad username or password
 - -98 = Expired (You can configure the time in your account)
 - -223 = WrongOtpValue
 - -220 = InvalidSecondaryPassword
2. **StatusDescription** – Status interpretation.
3. **DetailDescription** – Detail Description.
4. **RequestToken** – Not in use
5. **FunctionName** – The name of the function that you sent the request to
6. **Records** – Not in use
7. **ReturnData** – Not in use.