

# Mobile OTP Login - Magento 2

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## Installation

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You will require to install MageDelight Base Extension first. If it is not installed then please download it from <https://www.magedelight.com/pub/extensions/magedelight-base.zip> and unzip the package file into the root folder of your Magento 2 installation.



Twilio SDK will be required before you install extension,  
composer require twilio/sdk



Before installing the extension, please make sure to **Backup your web directory and store database**



You will require to install MageDelight Base Extension first. If it is not installed then please download it from <https://www.magedelight.com/pub/extensions/magedelight-base.zip> and unzip the package file into the root folder of your Magento 2 installation.



Root Directory is - "`app/code/magedelight/#YourExtensionName#`"

- Unzip the extension package file into the root folder of your Magento 2 installation.
- Connect to SSH console of your server:

- Navigate to the root folder of your Magento 2 setup
- Run command as per below sequence,

```
php bin/magento setup:upgrade
```

```
php bin/magento setup:di:compile
```

```
php bin/magento setup:static-content:deploy
```

```
php bin/magento cache:clean
```

- log out from the backend and log in again



If you are using Magento 2.3 or later then you do not need to activate license. Extension will be activated with silent activation mechanism and does not require activation keys to be entered manually.

## Backend Configuration (Admin side)

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### General Configurations

## General Configuration

Enable Mobile OTP Login

[store view]

Yes

SMS API Gateway

[store view]

Twilio Api Service

Account SID

[store view]

You can get SID by login in <https://www.twilio.com>

Auth Token

[store view]

.....

Twilio Phone Number

[store view]

Enter twilio phone number which you have purchased. eg:  
+123XXXXXXX

Twilio Service Id

[store view]

Enter twilio service id which you have configured for  
notification service. Eg: ISXXXXXXX

Default Country

[store view]

India (+91)

- **Enable Mobile OTP Login:** Select Yes to enable Mobile OTP functionality for your store.
- **SMS API Gateway:** Select SMS API gateway you want to integrate for your store. You can select Twilio or other gateway provider as per your SMS gateway provider.
- **Account SID:** Provide SMS Account SID.
- **Auth Token:** Provide Auth Token Provided by SMS Gateway Provider.
- **Twilio Phone Number:** Provide Phone Number provided by Twilio.
- **Twilio Service ID:** Provide Twilio Service ID.
- **Default Country:** Select default country to send SMS.
- **Command for twilio SDK:**
  - composer require twilio/sdk
  - For twilio Service ID : <https://support.twilio.com/hc/en-us/articles/115016131208-Troubleshooting-Issues-with-Twilio-Notify>
  - For Twilio Phone number : <https://support.twilio.com/hc/en-us/articles/223135247-How-to-Search-for-and-Buy-a-Twilio-Phone-Number-from-Console>

## General Configuration

Enable Mobile OTP Login

[store view]

Yes

SMS API Gateway

[store view]

Other

API URL

[store view]

Enter API url that is being used by your SMS service provider.

API Credentials

[store view]

Eg: username:test,password:test123

Key Name For "Send To"

[store view]

msisdn

Specify key which should be used for "Send To" parameter.  
Eg: To, mobiles, msisdn

Key Name For "Send SMS Body"

[store view]

msg

Specify key which should be used for "Send SMS" parameter. Eg: body, message, msg

- **Enable Mobile OTP Login:** Select Yes to enable Mobile OTP functionality for your store.
- **SMS API Gateway:** Select "Other" if your SMS provider is other than Twilio.
- **API URL:** Provide API URL provided by your SMS gateway provider.
- **API Credentials:** Provide comma separated API credentials as per given format (username:gatewayusername,password:userpassword).
- **Key Name for "Send To":** Provide key name to be used for send to.
- **Key Name for "Send SMS Body":** Provide key name to be used for send SMS body.

**Add Country Code To Mobile Number**  
[store view]

Yes

Specify if country code is required or not in user's mobile number.

**API Additional Parameters**  
[store view]

To enter params use given format:  
key1:value1,key2:value2,key3:value3

**API Additional Parameters TO Update For Promotional Route**  
[store view]

gwid:false

Specify additional params that is being updated/removed by your SMS provider. To remove any parameter use key1:false and to update use key1:value1,key2:value2,key3:value3

**API Url For Promotional Route**  
[store view]

Specify url to send Promotional SMS. Skip this if same API URL is being used to send promotional SMS.

- **Add country code to mobile number:** Select Yes, if country code is required with user's mobile number.
- **API additional parameters:** Provide additional API parameters in comma separated key and value format.
- **API additional parameters to update for promotional route:** Provide comma separated additional parameters to update for promotional route in key and value format.
- **API URL for promotional route:** Provide URL for promotional API route. Skip if the same URL is being used to send promotional SMS.

API URL To Fetch SMS Status

[store view]

Enter API url used to update status in SMS log. Please use {msid} for message id eg: http://test.com/{msid}

Processing Status Label Of SMS

[store view]

Enter SMS status(s) which needs to be updated via cronjob. For eg. queued, pending, sent etc.

Failed Label Of SMS

[store view]

Enter SMS status for failure. You can add multiple status with comma separated. Eg: undelivered,DND,fail

Key Name For Error Message

[store view]

Enter key parameter that contains error message of SMS provider json response. For e.g : error,Error,error\_message

**NOTE:**

[store view]

If your service provider sends delivery report through the webhook for SMS which are processed and above 4 fields are not mandatory then specify url (eg.: "http://yourdomain.com/smsprofile/pushurl/index") in your service provider's account.

Default Country

[store view]

- **API URL to fetch SMS status:** Provide API URL to fetch SMS status.
- **Processing Status label of SMS:** Provide SMS label to be set via CRON job. Only selected status would get updated. Mention each of them comma separated to update via CRON job.
- **Failed Label of SMS:** Provide SMS failure status comma separated, it will send notification to admin if actual failure status is same as failed label status.
- **Key name for error message:** Provide key name for error message same as SMS provide JSON response to get the reason of delivery failure.
- **Default Country:** Select one country within SMS should is being sent.

## Admin Failure Notification Configuration

Failure Notification Email To Admin

[\[store view\]](#)

Yes

Notification To Email

[\[store view\]](#)

Enter email addresses comma separated.

Email Sender

[\[store view\]](#)

General Contact

- **Failure notification email to admin:** Select Yes to enable failure notification email for Admin.
- **Notification to email:** Provide comma separated admin email ID to receive delivery failure notification.
- **Email sender:** Select email template to be used for failure notification to be sent to Admin.

## Customer Phone And OTP Configuration

Phone Number Required On SignUp  
Page

[\[store view\]](#)

Yes

Login Options

[\[store view\]](#)

Login With OTP and Password

These options are for login page and login from checkout page.

Send OTP During Checkout For COD  
Payment Method

[\[store view\]](#)

Yes

If yes, then system sends otp to shipping address's telephone number.

OTP Format

[\[store view\]](#)

Alphanumeric

OTP Length

[\[store view\]](#)

5

e.g: 4,6,8.

Time For OTP Expiry

[\[store view\]](#)

5

Add time in minute here. eg: 10

- **Phone number required on sign up page:** Select Yes to enable make phone number as mandatory while customer registration.
- **Login Options:** Select login options from given options like login with OTP, login with OTP and Password or traditional login method.
- **Send OTP during checkout as COD:** Select Yes to enable OTP verification during checkout if payment method is cash on delivery.
- **OTP Format:** Select OTP format from Alphanumeric/Alphabetical/Numeric.
- **OTP Length:** Provide length to generate OTP.
- **Time for OTP Expiry:** Provide expiry in minutes for OTP.

<b>Phone Number Maximum Length</b> <small>[store view]</small>	<input type="text" value="10"/> eg: 10
<b>Phone Number Minimum Length</b> <small>[store view]</small>	<input type="text" value="10"/> eg: 10
<b>Comment Shows Below Telephone Field</b> <small>[store view]</small>	<input type="text" value="Please add number without 0 and country code. C"/> Enter comment to display on front end. Eg: Please add number without 0 and country code.
<b>Select Address To Get Phone Number To Map With Existing Customer Profile</b> <small>[global]</small>	<div> <input type="text" value="First Address"/> <div>▼</div> </div> Please run the command "php bin/magento smsprofile:savephone" to save customer's phone based on above selected option.

- **Phone number maximum length:** Provide maximum length of phone number which user can enter from frontend.
- **Phone number minimum length:** Provide minimum length of phone number which user has to enter from frontend.
- **Comment shows below telephone field:** Provide a note regarding mobile number to display on frontend.
- **Select address to get phone number to map with existing customer profile:** Select address to fetch mobile numbers for existing customers and update the same in their profile. This is to enable OTP login features for existing customers.



## SMS Log Setting

Enable SMS Log

[store view]

Yes

If yes, then SMS logs are inserted in database.

Cron Timeout To Update SMS Status

[global]

1000

Add seconds here eg: 60,300,600

Enable Cron To Clear SMS Log

[global]

Yes

Frequency

[global]

Daily

Time

[global]

17

:

35

:

00

- **Enable SMS log:** Select Yes to enable SMS logging.
- **CRON timeout to update SMS status:** Provide time in seconds as timeout time for CRON job while updating SMS status.
- **Enable CRON to clear SMS log:** Select Yes to enable CRON to clear SMS logs.
- **Frequency:** Select frequency to run CRON job.
- **Time:** Select time to run CRON job on selected frequency.

## Backend Functionality

### SMS Templates

## OTP SMS Templates

[Add New OTP SMS Template](#)
[Filters](#)
[Default View](#)
[Columns](#)
[Export](#)



6 records found

20

per page

&lt;

1

of 1

&gt;

<input type="checkbox"/>	ID ↓	Template Name	Template Content	Event Type	Action
<input type="checkbox"/>	1	Customer Signup otp sms For All Store View	Your otp for signup is {otpCode} .Please do not share it with others.	Send Otp At Customer Signup Event	<a href="#">Select</a>
<input type="checkbox"/>	2	Customer login otp sms For All Store View	Your otp for login is {otpCode} .Please do not share it with others.	Send Otp At Customer Login Event	<a href="#">Select</a>
<input type="checkbox"/>	3	Customer account update otp sms For All Store View	Your otp for update account is {otpCode} .Please do not share it with others.	Send Otp At Customer Account Update Event	<a href="#">Select</a>
<input type="checkbox"/>	4	OTP For Cod Payment For All Store View	your otp for cod payment is {otpCode} .Please do not share it with others.	Send Otp For COD Payment Method During Checkout	<a href="#">Select</a>
<input type="checkbox"/>	5	Login OTP in Hindi for store 2	लॉगिन के लिए आपका otp {otpCode} है। कृपया इसे दूसरों के साथ साझा न करें।	Send Otp At Customer Login Event	<a href="#">Select</a>
<input type="checkbox"/>	6	OTP For Forgot Password With All Store View	Your otp for forgot password is {otpCode} .Please do not share it with others.	Send Otp For Forgot Password Event	<a href="#">Select</a>

- Grid to display and manage previously added OTP SMS templates.

## New OTP SMS Templates

[Back](#)
[Reset](#)
[Save](#)

Template Name \*

This field is only for admin use.

Event Type \*

Template Content \*



Dear, your otp is {otpCode} and it will expire in 10 min.Please do not share it with others.

Store View \*

All Store Views

Main Website

Main Website Store

Default Store View

store 2

- Template Name:** Provide user friendly name to identify SMS template by admin.
- Event Type:** Select event to send SMS using this template.
- Template Content:** Provide template content as given in sample "Dear Customer, use {otpcode} as OTP for your recent transaction. OTP is valid for 10 minutes."
- Store View:** Select store view to send SMS with current template.

## Promotional SMS

## Sms Promotional

[← Back](#)
[Reset](#)
[Send](#)

Select Grid Type \* Custom No.

To Numbers \*



Please enter number with or without '+', also with or without country code as per your selected service provider requirement. e.g.: 1234567890 or 911234567890 or +911234567890

Message \*

Your Message Content, (Max 918 characters. Text over 160 characters may incur multiple credit charges)

- **Select Grid Type:** Select type to send promotional SMS. Current selected type is "Custom Numbers".
- **To Numbers:** Provide comma separated customer numbers as per your SMS service providers requirements.
- **Message:** Provide promotional message to send to entered numbers.

## SMS Promotional

[← Back](#)
[Reset](#)
[Send](#)

Select Grid Type \* Customer Group

Search

[Reset Filter](#)

3 records found

20



per page



1

of 1



<input type="checkbox"/>	ID	Customer Group Code
Any	From <input type="text"/>	<input type="text"/>
	To <input type="text"/>	
<input type="checkbox"/>	1	General
<input type="checkbox"/>	2	Wholesale

Message \*

Max 918 characters allowed. Text may incur credit charges for each 160 characters.

- **Select Grid Type:** Select type to send promotional SMS. Current selected type is "Customer Group".
- **Customer Group:** Select customer group to send promotional SMS. It will send to all customers who belongs to selected customer group.
- **Message:** Provide promotional message to send to selected customer groups numbers.

## SMS Promotional

[← Back](#)
[Reset](#)
[Send](#)

Select Grid Type \*

Customer

[Search](#)
[Reset Filter](#)

43 records found

20

▼

per page

&lt;

1

of 3

&gt;

	ID ↑	First Name	Last Name	Email1
Any ▼	From			
	To			
<input type="checkbox"/>	43	John	Doe	john@magelight.com

Message \*

Max 918 characters allowed. Text may incur credit charges for each 160 characters.

- **Select Grid Type:** Select type to send promotional SMS. Current selected type is "Customers".
- **Customers:** Select customers to send promotional SMS.
- **Message:** Provide promotional message to send to selected customers.

## SMS Promotional



admin ▼

[← Back](#)
[Reset](#)
[Send](#)

### SMS Promotional Information

Select Grid Type \*

Abandoned Cart

Message \*

Max 918 characters allowed. Text may incur credit charges for each 160 characters.

- **Select Grid Type:** Select type to send promotional SMS. Current selected type is "Abandoned Cart".
- **Message:** Provide promotional message to send to those customers who has made cart abandoned.

## SMS Promotional

🔍 14 admin ▾

← Back Reset **Send**

### SMS Promotional Information

Select Grid Type \* Import CSV ▾

Import Csv \* **Upload**

In Csv file, enter number without '+' and with or without country code as per your selected service provider requirement. e.g.: 1234567890 or 911234567890

Download Sample Csv [Sample Csv](#)

Message \*

Max 918 characters allowed. Text may incurs credit charges for each 160 characters.

- **Select Grid Type:** Select type to send promotional SMS. Current selected type is " Import CSV".
- **Import CSV:** Upload CSV file with list of customers numbers to send promotional SMS.
- **Download CSV:** Download sample CSV file to get file format.
- **Message:** Provide promotional message to send to imported customers from CSV.

## SMS Logs

### SMS Log

**Clear Log**

Filters

👁 Default View ▾

⚙ Columns ▾

📄 Export ▾

Search by keyword 🔍

54 records found

5 ▾ per page

<

1 of 11

>

<input type="checkbox"/>	ID ↓	Messaged SID	Api Service Provider	Recipient Phone Number	Transaction Type	Message Status	Action
<input type="checkbox"/>	1	NT5662ecaa0a2f4098d3f1a04c8374ecf5	Twilio Api Service	+915552293326 ,+911578946324 ,+911597534697 ,+917984198504 ,+919876598765 ,+911234567890 ,+911231231230 ,+911112223334 ,+911231231231 ,+911234561234 ,+919409068079 ,+911234557890 ,+911234567889 ,+911234512345 ,+917984198500 ,+919753134267 ,+917984198501 ,+911020304150 ,+911020304250 ,+911020304350 ,+911020344350	Promotional Sms		<a href="#">View</a>
<input type="checkbox"/>	2		Other	1020344350, 1020304350, 1020304250, 1020304150, 7984198501, 9753134267, 7984198500, 1234512345, 1234567889, 1234557890, 9409068079, 1234561234, 1231231231, 1112223334, 1231231230, 1234567890, 9876598765	Promotional Sms		<a href="#">View</a>
<input type="checkbox"/>	3		Other	+919409068079	Promotional Sms		<a href="#">View</a>
<input type="checkbox"/>	4		Other	7984198500	customer_login_otp		<a href="#">View</a>
<input type="checkbox"/>	5		Other	1234567890	customer_login_otp		<a href="#">View</a>

- Keep log of all messages and keep the status updated with filter facility.

# Create New Customer Account

## Personal Information

First Name \*

Last Name \*

Customer Mobile \*

Please add number without 0 and country code. Only enter India's telephone .

**Generate OTP**

[Resend OTP](#)

Please enter verification code here \*

**Verify Otp**

**Create an Account**

- Customer registration page with OTP verification facility.

# Customer Login

## Registered Customers

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If you have an account, sign in with your email address.

Email or Telephone \*

Please add number without 0 and country code. Only enter India's telephone .

Generate OTP

Please enter verification code here

Verify Otp

Sign In

[Forgot Your Password?](#)

\* Required Fields

- Customer login page with OTP verification facility.

# Edit Account Information

## Account Information

First Name \*

John

Last Name \*

Doe

☐ Change Password

## Additional Information

Customer Mobile \*

999999999

Please add number without 0 and country code. Only enter India's telephone .

Generate OTP

Please enter verification code here

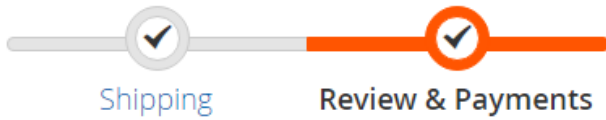
1234

Verify Otp

Save

- Customer profile update page with OTP verification.





## Payment Method:

☒ Cash On Delivery

☒ My billing and shipping address are the same

John Doe  
City, New York 10001  
United States  
7984198504

**Generate OTP**

[Resend OTP](#)

Please enter verification code here

**Verify Otp**

Generated Otp Should Send on your shipping address's telephone number.

**Place Order**

- OTP verification on checkout process if selected payment method as "Cash on Delivery..

## Sample OTP SMS

2 11:43

Sent from your Twilio trial account -  
Your otp for login is [Y3Yo](#) .Please do  
not share it with others.

Copy OTP

2 15:37

Sent from your Twilio trial account -  
Last Chance! EVERYTHING at 50%  
OFF at Magedelight! Extended ONLY  
for [TODAY](#).  
RUSH Now.. Don't miss it. TnC

- Sample OTP message and Promotional message.

## API



Please use SWAGGER to get detailed information of parameters.

<https://mobileotplogin.m2.demo.magedelight.com/swagger>

Send / resend OTP - GraphQL: rest/V1/

sendotp

Sample Data

```
{
  "resend":0,
  "storeld":0,
  "mobile":1234568520,
  "eventType":"customer_signup_otp"
}
```

Customer login with OTP Only - GraphQL: customertoken

Sample Data

```
{
  "mobile":1234568520,
  "otp":1234,
  "websiteld":1
}
```

Customer login with OTP and Password - GraphQL: customertokenwithotpandpassword

Sample Data

```
{
  "mobile":1234568520,
  "otp":1234,
  "password":"roni@123",
  "websiteld":1
}
```

Customer account create with OTP : customersignupwithotp

Sample Data

```
{
  "customer":{
    "prefix":"Mrs.",
    "firstname":"Veronica",
    "middlename":"John",
    "lastname":"Costello",
    "email":"roni_cost@example.com",
    "dob":"12/15/1973",
    "taxvat": "",
    "gender":2
  },
  "mobile":1234568520,
  "otp":1234,
  "password":"Roni@123"
}
```

Customer account edit with OTP : customereditwithotp

Sample Data

```
{
  "customer":{
    "prefix":"Mrs.",
    "firstname":"Veronica",
    "middlename":"John",
    "lastname":"Costello",
    "email":"roni_cost@example.com",
    "dob":"12/15/1973",
    "taxvat": "",
    "gender":2
  },
  "mobile":1234568520,
  "otp":1234,
  "password":"Roni@123",
  "websiteld":1
}
```

Send reset password link in mail with OTP - GraphQL: passwordwithotp

Sample Data

```
{
  "mobile":1234568520,
  "otp":1234,
  "template":"email_reset",
  "websiteId":1
}
```

Guest place order with payment information saving for COD - GraphQL: guestcheckoutwithotpforcod/:cartId

Sample Data

```
{
  "cartId":195
  "email":"roni_cost@example.com",
  "mobile":1234568520,
  "otp":1234,
  "paymentMethod":"cod"
}
```

My place order with payment information saving - GraphQL: carts/mine/checkoutwithotpforcod

Sample Data

```
{
  "paymentMethod":"cod"
  "cartId":195,
  "mobile":1234568520,
  "otp":1234
}
```

## Demo

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[Click here](#) to visit frontend.

[Click here](#) to visit backend admin panel.

## FAQs

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[Click here](#) to visit FAQs.

## Support

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[Click here](#) to raise a support ticket using your MageDelight account.

## Additional Services

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[Click here](#) to get the customized solution for this extension.

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Thank you for choosing **MageDelight!**

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