

Send SMS verification code

Use this action to send an SMS with a verification code to a recipient phone number.

REQUEST

```
curl --request POST \
  --url https://rest-ww.telesign.com/v1/verify/sms \
  --header 'accept: application/json' \
  --header 'content-type: application/x-www-form-urlencoded' \
  --data is_primary=true
```

General requirements

- **Authentication:** [Basic](#) (easiest to implement) or [Digest](#)
- **Encoding:** Accepts only **UTF-8 unicode** characters as inputs.
- **Accepts:** application/x-www-form-urlencoded
- **Responds with:** application/json
- **Required headers:** Content-Type - application/x-www-form-urlencoded

FORM DATA

phone_number

string
required

The end user's phone number you want to send a message to, as digits without spaces or special characters, beginning with the country dialing code.

ucid

string

A code specifying the use case you are making the request for. Choices include:

- **ATCK** - For use in a 2FA situation like updating an account or logging in.
- **BACF** - For creating an account where the service may be vulnerable to bulk attacks and fraudsters.
- **BACS** - For creating an account where the service may be vulnerable to bulk attacks or individual spammers.

- **CHBK** - For use when someone is trying to buy something expensive or unusual and you want to verify it is really them.
- **CLDR** - Calendar event.
- **LEAD** - For use in a situation where you require a person to enter personal details to request information about a potential purchase (like a loan, real estate, or attending a school), and you want to check if they are legitimate.
- **OTHR** - For a situation not addressed by other tags.
- **PWRT** - For use in a situation where a password reset is required.
- **RESV** - For use when you have end users making reservations, and you want to confirm they will show up.
- **RXPF** - For use when you are trying to prevent prescription fraud.
- **SHIP** - For use when you are sending a shipping notification.
- **THEF** - For use when you are trying to prevent an end user from deactivating or redirecting a phone number for identity theft purposes.
- **TRVF** - For use when you are transferring money and want to check if the transfer is approved by sending a text message to your end user. This is similar to **CHBK**, but is specifically for a money transaction.
- **UNKN** - For a situation not addressed by other tags (same as **OTHR**).

originating_ip

string

Your end user's IP address (do not send your own IP address). This is used to help TeleSign improve our services. IPv4 and IPv6 are supported. For IPv4, the value must be in the format defined by the Internet Engineering Task Force (IETF) in the Internet-Draft document titled [Internet Protocol](#). For IPv6, the value must be in the format defined by the IETF in the Internet-Draft document titled [IP Version 6 Addressing Architecture](#).

language

string

A code specifying the language of the predefined template you wish to use. For a complete list of codes, see the section [Supported Languages](#). If you provide overriding message text in the template parameter, this field is not used.

verify_code

string

The verification code used for the code challenge. By default, TeleSign randomly generates a seven-digit numeric value for you. You can override the default behavior by including your own numeric code for this parameter, with a value between 000 and 9999999. Either way, the verification code replaces the variable `$$CODE$$` in the message template.

template

string

Text that overrides the contents of the predefined message templates. Include the `$$CODE$$` variable to have the verification code automatically inserted. For payment transactions, include the `$$AMOUNT$$` and `$$PAYEE$$` variables to have those payment details from your other params automatically inserted. By default, the maximum length of this field is 160 characters. TeleSign recommends that you keep your messages brief if possible, but if you want to send longer messages contact our Customer Support Team to have the maximum increased. A long message may be up to 1600 characters.

sender_id

string

Specifies the sender ID to be displayed to the end user on the SMS message. Before using this, give any sender IDs you might want to use to our Customer Support Team, so we can add them to our allow list. If the sender ID in this field is not on this list, it is not used. We do not guarantee that the sender ID you specify will be used; TeleSign may override this value to improve delivery quality or to follow the SMS regulations of particular countries. We recommend limiting values to 0-9 and A-Z, as support for other ASCII characters varies by carrier.

is_primary

string

Whether you are using this service as your primary provider to send this message ("true") or as a backup after your primary provider failed ("false"). We use this data to optimize message routing.

dlt_template_id

string

(India-local traffic only). The ID of the DLT template used for this message. See [India DLT Update](#) for more details on the relevant regulations.

dlt_entity_id

string

(India-local traffic only). The ID of the entity sending this message. See [India DLT Update](#) for more details on the relevant regulations.

transaction_amount

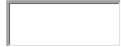
string

(Payment-transactions only) Replaces the `$$AMOUNT$$` variable in the message template. Specifies the currency and amount for the payment that the end user is approving. This parameter is required if `transaction_payee` is included in the request.

transaction_payee

string

(Payment-transactions only) Replaces the `$$PAYEE$$` variable in the message template. Specifies the entity that the end user is approving a payment to. This parameter is required if `transaction_amount` is included in the request.



sim_swap_check

string

Set a value of "true" to screen this transaction using a TeleSign SIM Swap check. This only has an effect if we have enabled SIM Swap for your account and configured it to be toggled using this parameter. If your account is configured to perform the check on every transaction, set a value of "false" to suppress the check. Contact our [Customer Support Team](#) to turn on this feature.



callback_url

string

A URL where you want delivery reports to be sent related to your request. This overrides any default callback URL that you've previously set. The override only lasts for this request.



errors

array of objects

ADD OBJECT

RESPONSES

200

Success. Your request was fulfilled and resulted in a message being sent. Code against the Telesign status or error codes from the `status.code` and `errors.code` properties in the response payload, rather than the HTTP status code of the response.

Status code	Associated text string	Description
229	Message blocked by your request	Telesign blocked the SMS before it was sent. This is due to your prior submitted request to blocklist this phone number. <i>Only returned here for customers pinned to the old version of SMS Verify.</i>
230	Message blocked by TeleSign	Telesign blocks a message if it is being sent to a phone number that is on a global blocklist. <i>Only returned here for customers pinned to the old version of SMS Verify.</i>
233	Message blocked due to high risk score.	It was determined that the risk score for the destination number is higher than the configured maximum risk score. For that reason

Status code	Associated text string	Description
		Telesign did not send the SMS. <i>Only returned here for customers pinned to the old version of SMS Verify.</i>
290	Message in progress	The message is being sent to the SMS gateway.
500	Transaction not attempted	No SMS request was attempted.

400

Bad request. The request could not be understood by the server due to malformed syntax. Code against the Telesign status or error codes from the status.code and errors.code properties in the response payload, rather than the HTTP status code of the response.

Error code	Description
-10001	Invalid Request: {parameter name}: {parameter value}
-10001	Missing Parameter: {parameter name}
-10001	Not allowed host (indicates that the IP address you are connecting from is not authorized to access the service)
-40006	Bad request
-40007	No data submitted

401

Unauthorized. The request requires user authentication. Code against the Telesign status or error codes from the status.code and errors.code properties in the response payload, rather than the HTTP status code of the response.

Error code	Description
-10009	Invalid source IP address
-20002	This product is not enabled for this Customer ID.
-20003	This feature is not enabled for this Customer ID.

Error code	Description
-20,004	This product is not enabled for this country.
-30000	Invalid Customer ID.
-30001	Customer ID Account Suspended.
-30002	Customer ID Account Not Activated.
-30003	Customer ID new account limit reached.
-30004	Missing required 'Authorization' header
-30005	Required 'Authorization' header is not in the correct format
-30006	Invalid Signature
-30007	Missing required 'Date' or 'x-ts-date' header
-30010	'Date' or 'x-ts-date' header is not within tolerable range
-30012	'x-ts-nonce' header value has been used recently
-40002	Not Authorized
-50054	Invalid API Key

404

Not found. The server has not found anything matching the Request-URI. Code against the Telesign status or error codes from the `status.code` and `errors.code` properties in the response payload, rather than the HTTP status code of the response.

Error code	Description
-10001	CustomerID/ReferenceID not found (returned when the reference ID given does not exist)
-10004	Reference ID expired
-40004	Resource Not Found

405

Method not allowed. The request method is known by the server but has been disabled and cannot be used. Code against the TeleSign status or error codes from

the `status.code` and `errors.code` properties in the response payload, rather than the HTTP status code of the response.

Error code	Description
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-40005	Method Not Allowed
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429

Too many requests. The user sent too many requests in a given amount of time. Code against the Telesign status or error codes from the `status.code` and `errors.code` properties in the response payload, rather than the HTTP status code of the response.

Error code	Description
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-40008	{product} exceeded transaction hard cap. Request denied.
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503

Service unavailable. The system is unavailable, try again. Code against the Telesign status or error codes from the `status.code` and `errors.code` properties in the response payload, rather than the HTTP status code of the response.

Error code	Description
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-90001	System Unavailable, please try again later.
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