

# Carrier Decryption API

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## Introduction

Decryption API's:

- ✓ PGP
- ✓ TripleDES (3Des)

## API Payload Examples

### PGP Decryption

Attribute	Value
API URL	<a href="https://pgp-decrypt-content-api.p.rapidapi.com/pgpdecryptAPI2.php">https://pgp-decrypt-content-api.p.rapidapi.com/pgpdecryptAPI2.php</a>
Content-Type	application/json
Call Type	POST
Message Type	JSON of array of below parameters)

#### Request Details

Parameter	Description
passphrase	PGP passphrase String
pgpkeycontent	PGP Private Key File Content
encontent	PGP Encrypted file Content
enresult	If 'Y' then decrypted data is encoded in base 64, if 'N' then decrypted is in raw data

#### Response Details(JSON Encoding of array ['message'=>message,decrypted=> decrypted])

Parameter	Description
message	PGP Status
decrypted	Decrypted Content

## Sample

```
<?php
$datarr=['passphrase'=>$passphrase,pgpkeycontent=>$pgpkeycontent,encontent=>$encontent,
'encresult'=>$encresult];
$datajsonstr =json_encode($data);

$url= https://pgp-decrypt-content-api.p.rapidapi.com/pgpdecryptAPI2.php ';
set_time_limit(0);
$ch = curl_init();
curl_setopt_array($ch, [
    CURLOPT_RETURNTRANSFER => 1,
    CURLOPT_URL => $url,
    CURLOPT_SSL_VERIFYPEER => false,
    CURLOPT_SSL_VERIFYHOST => false,
    CURLOPT_TIMEOUT => 1000000,
    CURLOPT_POSTFIELDS => $datajsonstr,
    CURLOPT_HTTPHEADER => ['Content-Type: application/json', 'Content-Length: ' . strlen($datajsonstr)]
]);

$result = curl_exec($ch);
curl_close($ch);
$decodedresult = json_decode($result,true);
echo 'Message : '.$decodedresult['message'],'<BR>';
echo 'Decrypted : '.base64_decode($decodedresult['decrypted'],'<BR>';
?>
```

## 3DES Decryption

Attribute	Value
API URL	<a href="https://3des-decryption-api.p.rapidapi.com/3desdecryptionAPI2.php">https://3des-decryption-api.p.rapidapi.com/3desdecryptionAPI2.php</a>
Content-Type	application/json
Call Type	POST
Message Type	JSON of array ('thedata'=>Base64 encoding of JSON encoding of array of below parameters)

### Request Details

Parameter	Description
3deskeycontent	Triple DES Key File Content
encontent	Encrypted file Content
enresult	If 'Y' then decrypted data is encoded in base 64, if 'N' then decrypted is in raw data

### Response Details(JSON Encoding of array ['message'=>message,decrypted=> decrypted])

Parameter	Description
message	Decryption Status
decrypted	Decrypted Content

## Sample

```
<?php
$datarr=[encontent=>$encontent,3deskeycontent=>$3deskeycontent, 'encresult'=>$encresult];
$datajsonstr =json_encode($datarr);

$url=https://3des-decryption-api.p.rapidapi.com/3desdecryptionAPI2.php ';

set_time_limit(0);
$ch = curl_init();
curl_setopt_array($ch, [
    CURLOPT_RETURNTRANSFER => 1,
    CURLOPT_URL => $url,
    CURLOPT_SSL_VERIFYPEER => false,
    CURLOPT_SSL_VERIFYHOST => false,
    CURLOPT_TIMEOUT => 1000000,
    CURLOPT_POSTFIELDS => $datajsonstr,
    CURLOPT_HTTPHEADER => ['Content-Type: application/json', 'Content-Length: ' . strlen($datajsonstr)]
]);

$result = curl_exec($ch);
curl_close($ch);
$decodedresult = json_decode($result,true);
echo 'Message : '.$decodedresult['message'],'<BR>';
echo Decrypted : '.base64_decode($decodedresult['decrypted'],'<BR>';
?>
```

## Cost Plans

### PGP

<https://rapidapi.com/progwhiz1/api/pgp-decrypt-content-api>

### 3DES

<https://rapidapi.com/progwhiz1/api/3des-decrypt-content-api>