

CAS Rest

- [TÜRKÇE](#)
 - [1. Epias CAS Sistemi Üzerinden TGT alma](#)
 - [2. Epias CAS Sistemi Üzerinden ST alma](#)
- [ENGLISH](#)
 - [1. Getting a TGT via the EPIAŞ CAS System](#)
 - [2. Getting a ST via the EPIAŞ CAS System](#)

TÜRKÇE

Aşağıda, Epias Piyasa uygulamaları kullanıcı girişini sağlayan EPIAŞ CAS Sistemi (ve Şeffaflık Platformu girişini sağlayan GİRİŞ.EPIAŞ) Rest servislerini kullanarak TGT ve ST alma servis çağırım örnekleri mevcuttur.

1. Epias CAS Sistemi Üzerinden TGT alma

İstek:

HTTP Metodu: POST

URL Adresi(CANLI ORTAM): <https://cas.epias.com.tr/cas/v1/tickets> (sonunda / ya da ?format=text olmamalıdır)

URL Adresi(TEST ORTAMI): <https://testcas.epias.com.tr/cas/v1/tickets> (sonunda / ya da ?format=text olmamalıdır)

İstek Başlığı(Header):

- Content-Type:application/x-www-form-urlencoded
- Accept:text/plain (application/json da olabilir, her iki şekilde sadece TGT değerinin dönmesi sağlanır)

İstek Değer Alanı(Request Body - Form Data):

- username:KULLANICIADINIZ
- password:SIFRENIZ

Örnek: username=KULLANICIADINIZ&password=SIFRENIZ

Örnek HTTP İsteği:

```
POST https://testcas.epias.com.tr/cas/v1/tickets
Content-Type: application/x-www-form-urlencoded
Accept: application/json

username=KULLANICIADINIZ&password=SIFRENIZ
```

İstek cURL komutu örneği:

```
curl -X POST https://testcas.epias.com.tr/cas/v1/tickets \
-H "Content-Type: application/x-www-form-urlencoded" \
-H "Accept: text/plain" \
-d 'username=KULLANICIADINIZ&password=SIFRENIZ'
```

Tek satırda aynı komut:

```
curl -X POST https://testcas.epias.com.tr/cas/v1/tickets -H "Content-Type: application/x-www-form-urlencoded" -H "Accept: text/plain" -d 'username=KULLANICIADINIZ&password=SIFRENIZ'
```

İstek Sonucu:

Başarılı Sonuç:

HTTP 201 Created durum kodu ile dönen **TGT** değeri, örneğin:

```
HTTP/1.1 201 Created
Location: http://testcas.epias.com.tr/cas/v1/tickets/TGT-*****
...
TGT-*****
```

Hatalı Sonuç:

HTTP Sonuç Durum Kodu	Açıklama
400 Bad Request	İstek url sonunda / olması, kullanıcı adı şifre bilgisinin istek değer kısmında düzgün verilmemesi durumunda döner
401 Unauthorized	Yanlış kullanıcı adı ya da şifre bilgisi verildiğinde döner
404 Not Found	Url bilgisi yanlış ya da istek URL değerinin sonuna / konması gibi durumlarda döner
415 Unsupported Media Type	İstek yanlış HTTP metodu ya da yanlış Content-Type bilgisi ile gönderildiğinde döner
500 Internal Server Error	Beklenmeyen bir hatada döner. Bu durumda EPİAŞ Yardım Masası 'na başvurunuz

2. Epias CAS Sistemi Üzerinden ST alma

İstek:

HTTP Metodu: POST

URL Adresi(CANLI ORTAM): https://cas.epias.com.tr/cas/v1/tickets/TGT-*****

URL Adresi(TEST ORTAMI): https://testcas.epias.com.tr/cas/v1/tickets/TGT-*****

İstek Başlığı(Header):

- Content-Type:application/x-www-form-urlencoded
- Accept:text/plain (application/json da olabilir, her iki şekilde direk ST değerinin dönmesi sağlanır)

İstek Değer Alanı(Request Body - Form Data):

- service:SERVICEURL

Örnek: service=https%3A%2F%2Fgip.epias.com.tr

Örnek HTTP İsteği:

```
POST https://testcas.epias.com.tr/cas/v1/tickets/TGT-*****
Content-Type: application/x-www-form-urlencoded
Accept: application/json

service=https%3A%2F%2Fgip.epias.com.tr
```

İstek cURL komutu örneği:

```
curl -X POST 'https://testcas.epias.com.tr/cas/v1/tickets/TGT-*****' \
--data-urlencode 'service=https://gip.epias.com.tr'
```

İstek Sonucu:

Başarılı Sonuç:

HTTP 200 OK durum kodu ile dönen ST değeri, örneğin:

```
HTTP/1.1 200 OK
...
ST-*****
```

Hatalı Sonuç:

HTTP Sonuç Durum Kodu	Açıklama
404 Not Found	URL'ye TGT bilgisi girilmediğinde ya da geçerli olmayan bir TGT değeri girildiğinde döner
415 Unsupported Media Type	İstek yanlış HTTP metodu ya da yanlış Content-Type bilgisi ile gönderildiğinde döner
500 Internal Server Error	<i>service</i> istek değeri girilmediğinde ya da beklenmeyen bir hatada döner

ENGLISH

Below are example service calls for obtaining TGT and ST using the REST services of the EPIAŞ CAS System, which provides user login for EPIAŞ Market applications (and GİRİŞ.EPIAŞ, which provides login for the Transparency Platform).

1. Getting a TGT via the EPIAŞ CAS System

Request:

HTTP Method: POST

URL Address (PRODUCTION ENVIRONMENT): https://cas.epias.com.tr/cas/v1/tickets (there must not be a trailing / or ?format=text at the end)

URL Address (TEST ENVIRONMENT): https://testcas.epias.com.tr/cas/v1/tickets (there must not be a trailing / or ?format=text at the end)

Request Headers:

- Content-Type: application/x-www-form-urlencoded
- Accept: text/plain (can also be application/json; in each case the TGT value is returned directly)

Request Body (Form Data):

- username: YOURUSERNAME
- password: YOURPASSWORD

Example: username=YOURUSERNAME&password=YOURPASSWORD

Example HTTP Request:

```
POST https://testcas.epias.com.tr/cas/v1/tickets
Content-Type: application/x-www-form-urlencoded
Accept: application/json

username=YOURUSERNAME&password=YOURPASSWORD
```

Example cURL command for the request:

```
curl -X POST https://testcas.epias.com.tr/cas/v1/tickets \
-H "Content-Type: application/x-www-form-urlencoded" \
-H "Accept: text/plain" \
-d 'username=YOURUSERNAME&password=YOURPASSWORD'
```

Same command on a single line:

```
curl -X POST https://testcas.epias.com.tr/cas/v1/tickets -H "Content-Type: application/x-www-form-urlencoded" -H "Accept: text/plain" -d 'username=YOURUSERNAME&password=YOURPASSWORD'
```

Response

Successful Response:

The TGT value is returned with HTTP status code 201 Created, for example:

```
HTTP/1.1 201 Created
Location: http://cas.epias.com.tr/cas/v1/tickets/TGT-*****
...

TGT-*****
```

Error Response:

HTTP Status Code	Description
400 Bad Request	Returned if there is a / at the end of the request URL, or if username/password is not properly provided in the request body.
401 Unauthorized	Returned when an incorrect username or password is provided.
404 Not Found	Returned when the URL is incorrect or when a / is added to the end of the request URL.
415 Unsupported Media Type	Returned when the request is sent with the wrong HTTP method or incorrect Content-Type.
500 Internal Server Error	Returned in case of an unexpected error. In this case, please contact the EPIAŞ Help Desk.

2. Getting a ST via the EPIAŞ CAS System

Request:

HTTP Method: POST

URL Address (PRODUCTION ENVIRONMENT): https://cas.epias.com.tr/cas/v1/tickets/TGT-*****

URL Address (TEST ENVIRONMENT): https://testcas.epias.com.tr/cas/v1/tickets/TGT-*****

Request Headers:

- Content-Type: application/x-www-form-urlencoded
- Accept: text/plain (can also be application/json in each case ST value is returned directly)

Request Body (Form Data):

- service: SERVICEURL

Example: service=https%3A%2F%2Fgip.epias.com.tr

Example HTTP Request:

```
POST https://testcas.epias.com.tr/cas/v1/tickets/TGT-*****
Content-Type: application/x-www-form-urlencoded
Accept: application/json

service=https%3A%2F%2Fgip.epias.com.tr
```

Example cURL command for the request:

```
curl -X POST 'https://testcas.epias.com.tr/cas/v1/tickets/TGT-*****' \
--data-urlencode 'service=https://gip.epias.com.tr'
```

Response:

Successful Response:

The ST value is returned with HTTP status code 200 OK, for example:

```
HTTP/1.1 200 OK
...

ST-*****
```

Error Response:

HTTP Status Code	Description
404 Not Found	Returned when no TGT is provided in the URL or when an invalid TGT value is provided.
415 Unsupported Media Type	Returned when the request is sent with the wrong HTTP method or incorrect Content-Type.
500 Internal Server Error	Returned when the service request value is not provided or in case of an unexpected error.