

[External] Generate Scripts API

The Generate Scripts API provided by TikTok For Business is in **Alpha**. If you would like access to this API, [register and be approved as a developer](#) through the developer portal and contact your TikTok representative to be allowlisted to use the Generate Scripts API endpoints. At this time, we will be enrolling a limited number of developers and will be approving more applications in a phased timeline.

This documentation is **private and confidential** and intended for use only by partners and advertisers who are participating in the alpha program.

Please do not circulate or reproduce this documentation without the consent of the TikTok API for Business team. If you are not the intended user, you may not disclose or use the information in this documentation in any way.

Change Log

Date	Product Update	Endpoint Details
June 2025	Alpha launch of Generate Scripts API.	<ul style="list-style-type: none">• /v1.3/file/video/ad/upload/• /v1.3/creative/aigc/script_generation/task/create/• /v1.3/creative/aigc/script/task/get/• /v1.3/creative/aigc/script/list/

Legal requirements for developers

This section sets forth the legal disclaimers that developers will need to implement when using TikTok's Creative GenAI API Tools. Note that failure to comply with these requirements is a violation of TikTok's Developer [Terms](#) and may result in temporary or permanent suspension of your access to TikTok's Developer API Tools.

Requirement

At any point in the user interface where an end user can upload any assets for use in AI-generation, developers must include a notice prior to uploading informing the end user of the following:

By uploading assets, you confirm that you have the necessary legal rights to these assets, the assets do not include any user generated content, and you are authorized to grant TikTok permission to scan and modify the assets. You may not upload any assets that would violate TikTok's [Ad Policies](#) or [Community Guidelines](#).

Can I use the outputs from TikTok Symphony and use them on other platforms?

TikTok is providing these free creation tools to more easily and efficiently create TikTok-fit content for publishing on TikTok. While our terms do not limit using the content on other platforms, we suggest leveraging these creative tools tailored for TikTok to create content for the TikTok platform.

Overview

The Generate Scripts API is a solution designed to convert your product or service information into high-quality scripts. By leveraging AI technologies, this API generates scripts based on insights from trending TikTok content. These scripts can seamlessly integrate with other APIs such as the [Digital Avatar API](#) and [Generate & Remix Videos API](#), enabling you to transform the scripts into TikTok-style videos.

The benefits of AI-driven script generation include:

- **Accelerated content creation:** Generate polished, ready-to-use scripts within minutes, reducing the time and effort traditionally required for scriptwriting.
- **Creative diversity:** Produce multiple script variations to explore different tones, styles, and narratives, helping you overcome writer's block and maintain fresh, compelling content.
- **Scalability:** Easily scale your content production by creating numerous scripts tailored to different formats, audiences, or platforms, enabling more targeted and effective communication.

Get Started

1. Allowlist

1. This feature is currently an allowlist-only feature. If you would like to access it, please contact your TikTok representative.

Step-by-step onboarding workflow

If you are new to API for Business, complete the following steps before making your first API call.

1. [Create a TikTok For Business account](#).
2. [Register as a developer](#).
3. [Create a developer app](#).
4. [Authorization](#).
5. [Authentication](#).
6. Make your first API call.

1. **Permission**

1. Ensure you have the **Generative AI Tool > Video Generation** permission to use the Generate Scripts API. To learn about how to update your developer app permission, see [here](#).

1. **Rate limit**

For `/creative/aigc/script_generation/task/create/`, we recommend that you limit your calls to 2 QPM (queries per minute) per developer app to maintain optimal performance and prevent overload.

Workflow

To generate scripts, follow the following steps:

1. (Optional) **Upload videos to the stock library** using [/file/video/ad/upload/](#).
2. **Create a script generation task** using [/creative/aigc/script_generation/task/create/](#).
3. **Check the result of the script generation task** using [/creative/aigc/script/task/get/](#).
Confirm the `status` of the tasks is `SUCCESS`.
4. **Access generated scripts** using [/creative/aigc/script/list/](#). Retrieve the scripts from the returned `title` and `script`.
5. (Optional) **Use the script to create a video generation and remix task or a digital avatar video task**.
 - To create a video generation and remix task, pass the script to the request parameter `description` in [/creative/aigc/video/task/create/](#).
 - To create a digital avatar video task, pass the script to the request parameter `script` in [/creative/digital_avatar/video/task/create/](#).

API Reference

The Generate Scripts API is a solution designed to convert your product or service information into high-quality scripts. By leveraging AI technologies, this API generates scripts based on insights from trending TikTok content. These scripts can seamlessly integrate with other APIs such as the [Digital Avatar API](#) and [Generate & Remix Videos API](#), enabling you to transform the scripts into TikTok-style videos.

This group consists of the following endpoints:

- [Upload videos to the stock library](#)
- [Create a script generation task](#)
- [Get the result of a script generation task](#)
- [Get generated scripts](#)

Upload videos to the stock library

Use this endpoint to upload a video to the stock library. You can then use IDs of videos from the stock library to [create a script generation task](#).

Request timeout for this interface is 10 seconds, and the transmission speed depends on network bandwidth. Make sure that the file size is reasonable.

Important

By uploading assets, you confirm the following: you have the necessary legal rights to the assets, the assets do not include any unauthorized user-generated content, and you are authorized to grant TikTok permission to scan and modify the assets.

You may not upload any assets that would violate TikTok's [Ad Policies](#) or [Community Guidelines](#).

Request

Endpoint https://business-api.tiktok.com/open_api/v1.3/file/video/ad/upload/

Method POST

Header

Field	Data Type	Description
Access-Token Required	string	Authorized access token. For details, see Authentication .
Content-Type Required	string	Request message type. If <code>upload_type</code> is <code>UPLOAD_BY_URL</code> , use <code>application/json</code> .

Parameters

Field	Data Type	Description
-------	-----------	-------------

upload_type Required	string	Video upload method. Enum values: UPLOAD_BY_URL .
use_scenario Required	string	The use scenario for the video. Enum value: AIGC (for script generation tasks).
video_url Conditional	string	Required when upload_type is UPLOAD_BY_URL . Video URL address, such as http://xxx.xxx. (1) File size: better within 10MB. (2) Verification: We will verify Content-Type in the response header. A common invalid media type is text (Content-Type = text/*, such as text/html, text/plain). Also, we will verify the data if you set a Content-MD5 in the response header. (3) Encoding: The URL needs to be a valid URL in the browser. For instance, the spaces in the URL need to be encoded into %20 . You can copy and paste the URL into a browser address bar, then the URL will be automatically encoded. (4) Specifications: <ul style="list-style-type: none"> • Aspect ratio: 9:16, 16:9, and 1:1. • Format: .mp4, .mov, .mpeg, .avi. <p>Note: Before uploading, make sure that the video URL is playable and in a supported format. If the URL is invalid or in an unsupported format (i.e. txt.), you may see an error message or obtain an invalid video ID that cannot be used for task creation.</p>

Example

None

```
curl --location --request POST
'https://business-api.tiktok.com/open_api/v1.3/file/video/ad/upload/' \
--header 'Access-Token: {{Access-Token}}' \
--header 'Content-Type: application/json' \
--data '{
  "upload_type": "UPLOAD_BY_URL",
  "use_scenario": "AIGC",
```

```
"video_url": "{{video_url}}"  
}'
```

Response

Field	Data Type	Description
code	number	Response code. For the complete list of response codes and descriptions, see Appendix - Return Codes .
message	string	Response message. For details, see Appendix - Return Codes .
request_id	string	The log ID of a request, which uniquely identifies the request.
data	object	Returned data.
video_id	string	Video ID. You pass the video ID to the request parameter <code>video_id_list</code> in /creative/aigc/script_generation/task/create/ .

Example

```
None  
HTTPS/1.1 200 OK  
{  
  "code": 0,  
  "message": "OK",  
  "request_id": "{{request_id}}",  
  "data": [  
    {  
      "video_id": "{{video_id}}"  
    }  
  ]  
}
```

Create a script generation task

Use this endpoint to create a script generation task.

After you create the task, call </creative/aigc/script/task/get/> to check the task result. The time required to process each script generation task is usually within one minute. If you create multiple scripts simultaneously, the processing time might be longer.

Request

Endpoint

https://business-api.tiktok.com/open_api/v1.3/creative/aigc/script_generation/task/create/

Method POST

Header

Field	Data Type	Description
Access-Token Required	string	Authorized access token. For details, see Authentication .
Content-Type Required	string	Request message type. Allowed value: <code>application/json</code> .

Parameters

Field	Data Type	Description
script_source Required	string	The type of information required to generate the script. Enum values: <ul style="list-style-type: none"><code>PRODUCT</code> : Product information. You need to specify <code>product_info</code> simultaneously.<code>CUSTOM</code>: A custom prompt. You need to specify <code>custom_prompt</code> simultaneously.
custom_prompt Conditional	string	<ul style="list-style-type: none">Required when <code>script_source</code> is <code>CUSTOM</code>.Not supported when <code>script_source</code> is <code>PRODUCT</code>. A custom English script for the video. Length limit: 3,000 characters.

video_duration	string	<ul style="list-style-type: none"> Optional when <code>script_source</code> is <code>PRODUCT</code>. Not supported when <code>script_source</code> is <code>CUSTOM</code>. <p>Video duration. Enum values:</p> <ul style="list-style-type: none"> <code>15S</code>: 15 seconds. <code>30S</code>: 30 seconds. <p>If this field is not specified, the system will apply a recommended video duration to the script.</p>
product_info <code>Conditional</code>	object	<ul style="list-style-type: none"> Required when <code>script_source</code> is <code>PRODUCT</code>. Optional when <code>script_source</code> is <code>CUSTOM</code>. <p>Details of the product that the script is for.</p>
name <code>Conditional</code>	string	<p>Required when <code>product_info</code> is specified. The name of the product or service. Length limit: 300 characters.</p>
brand	string	<p>The brand name of the product or service. Length limit: 100 characters.</p>
price	float	<p>The price of the product or service, kept to two decimal places. Example: 12.98</p>
currency	string	<p>The currency for the price, in ISO 4217 code format. Default value: <code>USD</code>.</p>
description <code>Conditional</code>	string	<p>Required when <code>product_info</code> is specified. The description of the product or service. Length limit: 500 characters.</p>
selling_points	string[]	<p>An array of strings containing selling points of the product or service. Each string in this array represents one selling point and should be a phrase. Max size: 10. Recommended length for each selling point: no more than 10 words. Example: <code>["New Customer Discount", "50% Off Summer Special"]</code>.</p>

media_list Conditional	object	<p>Required when product_info is specified.</p> <p>Details of videos or images to be used for script generation.</p> <p>The maximum total number of images and videos that you can specify through image_url_list and video_id_list is 20.</p>
image_url_list	string[]	<p>A list of image URLs.</p> <p>Ensure that the URLs are valid. Otherwise, they won't be used for script generation.</p>
video_id_list	string[]	<p>A list of video IDs from the stock library.</p> <p>For the best results, upload at least two videos, each between 15 seconds and one minute, without captions.</p> <p>Specify videos of high quality, such as high resolution and bitrate, to ensure the quality of generated videos.</p> <p>To upload videos to the stock library and obtain video IDs, use /file/video/ad/upload/.</p>
script_info	object	<ul style="list-style-type: none"> • Optional when script_source is PRODUCT. • Not supported when script_source is CUSTOM. <p>Additional instructions for the script.</p>
tone	string	<p>The tone of the script.</p> <p>The recommended tone values for the script are:</p> <ul style="list-style-type: none"> • All: All. • Friendly: Friendly. • Confident: Confident. • Professional: Professional. <p>Alternatively, you can specify a customized tone for the script based on your preference.</p>
style	string	<p>The style of the script.</p> <p>For the recommended style values for the script, see List of recommended values for style.</p> <p>Alternatively, you can specify a customized style for the script based on your preference.</p>

point_of_view	string	<p>The point of view of the script.</p> <p>The recommended point_of_view values for the script are:</p> <ul style="list-style-type: none"> • All: All. • From consumer: From consumer. • From brand: From brand. <p>Alternatively, you can specify a customized point of view for the script based on your preference.</p>
script_language	string	<p>The language of the script.</p> <p>Enum values:</p> <ul style="list-style-type: none"> • en: English. • de: German. • es: Spanish. • fr: French. • id: Indonesian. • ml: Malay. • vi: Vietnamese. <p>Default value: en.</p>
relevant_industry	string	<p>A relevant industry for the script.</p> <p>For the recommended relevant_industry values for the script, see List of recommended values for relevant industry. Alternatively, you can specify a customized relevant industry for the script based on your preference.</p>
script_generation_count	integer	<p>The number of scripts to generate.</p> <p>Value range: 1-8.</p> <p>Default value: 4.</p>

List of recommended values for **style**

The following table lists the recommended **style** values for the script.

Recommended style value	Style type
Recommended	Recommended
Authority and trust	Authority and trust
Challenges	Challenges
Community	Community

Comparisons	Comparisons
Emotional appeal	Emotional appeal
Engagement	Engagement
Engaging questions	Engaging questions
Humor	Humor
Informative	Informative
Lists and inspiration	Lists and inspiration
Personal stories	Personal stories
Problem solving	Problem solving
Product focused	Product focused
Promotions	Promotions
Unique experiences	Unique experiences

List of recommended values for **relevant_industry**

The following table lists the recommended **relevant_industry** values for the script.

Recommended relevant_industry value	Relevant industry type
All	All
Apparel & accessories	Apparel & accessories
Appliances	Appliances
Apps	Apps
Baby, kids & maternity	Baby, kids & maternity
Beauty & personal care	Beauty & personal care
Business services	Business services

Comics	Comics
E-commerce (non-app)	E-commerce (non-app)
Education	Education
Financial services	Financial services
Food & beverage	Food & beverage
Games	Games
Health	Health
Home improvement	Home improvement
Household products	Household products
Life services	Life services
News & entertainment	News & entertainment
Pets	Pets
Sports & outdoor	Sports & outdoor
Tech & electronics	Tech & electronics
Travel	Travel
Vehicles & transportation	Vehicles & transportation

Example

None

```
curl --location --request GET
'https://business-api.tiktok.com/open_api/v1.3/creative/aigc/script_generation/task/create/' \
--header 'Access-Token: {{Access-Token}}' \
--header 'Content-Type: application/json' \
```

```
--data '{
  "script_source": "PRODUCT",
  "video_duration": "30S",
  "product_info": {
    "name": "{{name}}",
    "brand": "{{brand}}",
    "price": {{price}},
    "currency": "USD",
    "description": "{{description}}",
    "selling_points":
["{{selling_point}}", "{{selling_point}}", "{{selling_point}}"]
  },
  "media_list": {
    "image_url_list": [
      "{{image_url}}",
      "{{image_url}}"
    ],
    "video_id_list": [
      "{{video_id}}",
      "{{video_id}}"
    ]
  },
  "script_info": {
    "tone": "Professional",
    "style": "Product focused",
    "point_of_view": "From consumer",
    "script_language": "en",
    "relevant_industry": "Tech & electronics"
  },
  "script_generation_count": 5
}'
```

Response

Field	Data Type	Description

code	number	Response code. For the complete list of response codes and descriptions, see Appendix - Return Codes .
message	string	Response message. For details, see Appendix - Return Codes .
request_id	string	The log ID of a request, which uniquely identifies the request.
data	object	Returned data.
task_id	string	The ID of the script generation task.

Example

```

None
HTTPS/1.1 200 OK
{
  "code": 0,
  "message": "OK",
  "request_id": "{{request_id}}",
  "data": {
    "task_id": "{{task_id}}"
  }
}

```

Get the result of a script generation task

Use this endpoint to retrieve the result of a script generation task.

Request

Endpoint https://business-api.tiktok.com/open_api/v1.3/creative/aigc/script/task/get/

Method GET

Header

Field	Data Type	Description
Access-Token Required	string	Authorized access token. For details, see Authentication .

Parameters

Field	Data Type	Description
task_id Required	string	<p>The ID of a script generation task to retrieve the result for.</p> <p>To create a script generation task and obtain the task ID, use /creative/aigc/script_generation/task/create/.</p>

Example

None

```
curl --location --request GET
'https://business-api.tiktok.com/open_api/v1.3/creative/aigc/script/task/get/?task_id={{task_id}}'\
--header 'Access-Token: {{Access-Token}}'
```

Response

Field	Data Type	Description
code	number	Response code. For the complete list of response codes and descriptions, see Appendix - Return Codes .
message	string	Response message. For details, see Appendix - Return Codes .
request_id	string	The log ID of a request, which uniquely identifies the request.
data	object	Returned data.
task_id	string	The ID of the script generation task.
status	string	<p>The status of the script generation task.</p> <p>Enum values:</p> <ul style="list-style-type: none"> SUBMITTED: The task was submitted and script generation has not started yet. PROCESSING: Script generation is in progress. PARTIAL_SUCCESS: Some scripts have been generated while others are still being processed. SUCCESS: Script generation succeeded for all scripts in the task.

		<ul style="list-style-type: none"> ● FAILED: Script generation failed for all scripts in the task.
list	object[]	Information about the generated scripts.
script_id	string	The ID of the generated script.
title	string	The title of the generated script.
script	string	The text content of the generated script.

Example

None

HTTPS/1.1 200 OK

```
{
  "code": 0,
  "message": "OK",
  "request_id": "{{request_id}}",
  "data": {
    "task_id": "{{task_id}}",
    "status": "SUCCESS",
    "list": [
      {
        "script_id": "{{script_id}}",
        "title": "{{title}}",
        "script": "{{script}}"
      },
      {
        "script_id": "{{script_id}}",
        "title": "{{title}}",
        "script": "{{script}}"
      }
    ]
  }
}
```


Get generated scripts

Use this endpoint to retrieve the list of generated scripts under your TikTok For Business account.

Request

Endpoint https://business-api.tiktok.com/open_api/v1.3/creative/aigc/script/list/

Method GET

Header

Field	Data Type	Description
Access-Token Required	string	Authorized access token. For details, see Authentication .

Parameters

Field	Data Type	Description
page	integer	Current page number. Default value: 1. Value range: ≥ 1 .
page_size	integer	Page size. Default value: 10. Value range: 1-100.

Example

None

```
curl --location --request GET
'https://business-api.tiktok.com/open_api/v1.3/creative/aigc/script/list/?page=1&page_size=100' \
--header 'Access-Token: {{Access-Token}}'
```

Response

Field	Data Type	Description
code	number	Response code. For the complete list of response codes and descriptions, see Appendix - Return Codes .

message	string	Response message. For details, see Appendix - Return Codes .
request_id	string	The log ID of a request, which uniquely identifies the request.
data	object	Returned data.
list	object[]	Information about the generated scripts.
script_id	string	The ID of the generated script.
title	string	The title of the generated script.
script	string	The text content of the generated script.
page_info	object	Pagination information.
page	integer	Current page number.
page_size	integer	Page size.
total_number	integer	Total number of results.
total_page	integer	Total pages of results.

Example

None

HTTPS/1.1 200 OK

```
{
  "code": 0,
  "message": "OK",
  "request_id": "{{request_id}}",
  "data": {
    "list": [
      {
        "script_id": "{{script_id}}",
        "title": "{{title}}",
        "script": "{{script}}"
      },

```

```
        {
            "script_id": "{{script_id}}",
            "title": "{{title}}",
            "script": "{{script}}"
        }
    ],
    "page_info": {
        "page": 1,
        "page_size": 100,
        "total_number": 2,
        "total_page": 1
    }
}
```