

Object Storage Service

Tool Guide (OBS Browser+) (Ankara Region)

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1 Introduction

OBS Browser+ is a GUI-based desktop application that is intuitive and easy to use. It allows you to comprehensively manage OBS buckets and objects from your local end. For example, you can create buckets, and upload and download objects on OBS Browser+.

OBS Browser+ is applicable to Windows 10, Mac OSs, and Windows Server 2016. [Table 1-1](#) lists the specifications required by each OS.

Table 1-1 PC specifications required by OBS Browser+

Item	Specification	Remarks
OS	<ul style="list-style-type: none">Windows 10 Pro 64-bitWindows Server 2016 standard 64-bitMac OS X10.13.3	Linux OSs are not supported. Windows 10 or later Windows OS releases are recommended.
CPU	<ul style="list-style-type: none">Minimum: 2-core 1.6 GHzStandard: 2-core 2.4 GHz	Arm-based chips are not supported.
Memory	<ul style="list-style-type: none">Minimum: 4 GBStandard: 8 GBAvailable memory: ≥ 512 MB	-
Required space for installation	≥ 512 MB	Hard drive space required for installing OBS Browser+
Available space of the data drive	≥ 3 GB	Hard drive space for storing data files of the OBS Browser+ database

2 OBS Browser+ Function Overview

Table 2-1 lists the functions supported by OBS Browser+.

Table 2-1 OBS Browser+ supported functions

Function	Description
Basic operations on buckets	Creating buckets in a specified region, listing buckets, querying basic bucket information, configuring bucket ACLs, managing fragments in buckets, deleting buckets, and others
Basic operations on objects in buckets	Creating folders, uploading objects, listing objects, downloading objects, deleting objects, and more <ul style="list-style-type: none">• Batch upload, download, deletion, copy, and move of objects• Upload by dragging
External bucket management	Managing buckets shared by other accounts <ul style="list-style-type: none">• Adding an external bucket to OBS Browser+, or removing the added bucket• Uploading objects to or downloading objects from external buckets
System settings	Settings of OBS Browser+ parameters, which include: <ul style="list-style-type: none">• Maximum number of concurrent tasks: 1–50• Part size in a multipart upload: 9–5120 MB• Proxy configuration

Function	Description
Task management	<p>Listing statuses of all tasks, pausing, deleting, running, and searching for tasks</p> <ul style="list-style-type: none">• Viewing real-time running statuses (progress, time) of tasks• Pausing, deleting, or retrying a batch of tasks• Searching for completed and failed tasks by types• Automatic retry of failed tasks
Account management	<p>Login using an AK and logout</p> <ul style="list-style-type: none">• Keeping a maximum of 100 accounts login information by default• Clearing and querying login history
Auxiliary functions	<ul style="list-style-type: none">• Favorites folder available for you to save frequently used paths (a maximum of 100 paths by default)• Shortcut menus available for bucket and object lists, helping you quickly find the desired operation

3 Downloading OBS Browser+

To download OBS Browser+, you can click the OBS Browser+ package link above the bucket list on OBS Console.

4 Installing OBS Browser+

Procedure

- Step 1** Click the download link of [OBS Browser+](#) to download the tool.
 - Step 2** Decompress the downloaded software package.
 - Step 3** Run the **obs-browser-plus Setup xxx.exe** file to install OBS Browser+. *xxx* indicates the version number of OBS Browser+.
 - Step 4** Double-click **obs-browser-plus** on the **Start** menu or the desktop shortcut to run OBS Browser+.
- End

5 Logging In to OBS Browser+

You can log in to OBS Browser+ to access OBS and perform operations on buckets and objects. You can also log in to OBS Browser+ to access other object storage services compatible with OBS.

Cloud users and users of other service providers can use a permanent AK/SK pair to log in to OBS Browser+.

For details, see [Table 5-1](#).

Table 5-1 OBS Browser+ login methods

Service	Method	Scenario
OBS	Login with a Permanent AK/SK Pair	You have a permanent AK/SK pair.
Other object storage services compatible with OBS		

Prerequisites

- You have configured a proxy (if needed) by choosing **More > Settings > Network** on the login page.

Using OBS Browser+ to Access OBS

The following explains how to log in to OBS Browser+ to access OBS.

Login with a Permanent AK/SK Pair

In AK/SK login, you need to enter the AK and SK.

NOTE

- OBS Browser+ does not support login using a temporary AK/SK pair and a security token.

Table 5-2 Login parameters

Parameter	Mandatory (Yes/No)	Description
Account Name	Yes	It is user-defined and is a unique identifier that is different from the cloud service accounts you use to log in to OBS Browser+. An account name contains 3 to 63 characters, and cannot contain the following special characters: \ : * ? ' < > ! @ # \$ % ^ ~
Server Address	Yes	Enter an endpoint: TR-Ankara-PUR: obs.tr-central-201.hc.vodafone.com.tr
Access Key ID & Secret Access Key	Yes	You can click Obtain Access Keys on the login page to jump to the IAM console and create access keys. <ul style="list-style-type: none"> An access key ID (AK) defines a user that accesses the OBS system. An AK belongs to only one user, but one user can have multiple AKs. OBS identifies users through access key IDs. A secret access key (SK) is the key used by users to access OBS. It is the authentication information generated based on the AK and the request header. An SK matches an AK, and they group into a pair.
Access Path	No	Enter the path of a bucket or object. After login, you can only see the specified bucket or object. Example: obs://bucket/folder

 **NOTE**

OBS Browser+ can keep the login information of up to 100 accounts.

6 FAQs

6.1 Where Can I Obtain Access Keys (AK and SK)?

When using OBS Browser+ to access OBS, you need to use the AK and SK for authentication. To obtain the AK and SK, perform the following steps:

- Step 1** Log in to the console.
- Step 2** Click the login username in the upper right corner and choose **My Credentials** from the drop-down list.
- Step 3** Choose **Access Keys**.
- Step 4** Click **Create Access Key**.
- Step 5** Enter an access key description (optional) and click **OK**.
- Step 6** Enter the verification code sent to your mobile phone, virtual MFA device, or email, and click **OK**.

 **NOTE**

This step is required only when you have enabled operation protection.

- Step 7** Click **Download** to obtain the access key file.

 **NOTE**

Keep AKs and SKs properly to prevent information leakage.

----End

6.2 Can I Install Two OBS Browser+ Tools from Different Sites in One System?

No. You can install only one OBS Browser+ tool in a system, because OBS Browser+ available at different site provides different functions.

6.3 Why Does the Task Processing Speed Slow After the Number of Tasks Exceeds a Million?

If the number of tasks in OBS Browser+ reaches a million or above, the system will spend more time in searching among massive amounts of tasks, which adds load to your device. In this case, clear historical task records to improve performance.

6.4 Why Are the Displayed Number of Objects and Used Storage Capacity Different from the Actual Number of Objects and Storage Capacity?

The statistics displayed on OBS Browser+ are not real-time statistics, which is for reference only.

6.5 How Can I Access a Specific Bucket or Directory?

In some scenarios, when you try to log in to OBS Browser+ using access keys (AK and SK) that have only the permission to access a specific bucket or a specific directory in a bucket, the login will fail because of the lack of listing and other permissions. To address this issue, you can specify an access path (in the **obs://bucketName/folder** format) on the login page.

6.6 Can OBS Browser+ List Objects with Special Characters in Their Names?

No. You can use OBS SDKs to list such objects.

7 Uninstalling OBS Browser+

On the Windows **Start** menu, choose **Control Panel > Programs > Programs and Features**. Locate and right-click **obs-browser-plus xxx**, choose **Uninstall**, and uninstall the software as instructed.

8 Change History

Released On	Description
2024-04-15	This is the first official release.