

# [V7] FAQ: How to start AhsayCBS in debug mode?

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**Product Version:**

AhsayCBS: 7.3.0.0 to 7.x

OS: All platforms

**ATTENTION** 1st January, 2022: v7 officially End-of-Life [[details](#)]

## Description

This article contains instructions on how to start AhsayCBS in debug mode.

## Steps

Refer to the following steps to start AhsayCBS in debug mode.

1. Edit the 'cbs.opt' file, located in the installation home and installation home conf folder:

`${Install-Home}\conf`

Value of `${Install-Home}` for various operating system:

- (Windows) C:\Program Files\AhsayCBS
- (Linux/Unix) /usr/local/cbs

2. Open the 'cbs.opt' file with a text editor:

```
cbs.opt (Updated)
...
#
# OBS debug options
# Verify backup data (hashed path, client path, size, block sequence, crc, etc.) during upload
com.ahsay.obs.core.bfs.append.debug=
#
# Verify rebuild operation
com.ahsay.obs.core.bfs.Rebuild.debug=
com.ahsay.obs.core.bfs.debug= true
#
...
```

**Note:** There are multiple debug options that are available in the 'cbs.opt' file.

Consult with [Ahsay support representatives](#) if you are unsure which debug mode should you enable (e.g. to troubleshoot on your server issue).

3. Save the changes to the 'cbs.opt' file afterward, then restart the AhsayCBS service.

**Note:** For AhsayCBS version 7.9.0.0 or above, restart the AhsayCBS NFS service as well.

## Keywords

obs, rebuild, debug, troubleshoot, troubleshooting, cbs

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