

Ahsay Online Backup Manager v7

How To Install AhsayOBM On Windows Server Core

Ahsay Systems Corporation Limited

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Revision History

Date	Descriptions	Type of modification
24 July 2017	First Draft	New

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1 Summary

This guide is focused on the steps of how to download, install, start and uninstall AhsayOBM on the Windows server core.

NOTE

- All the process, i.e. Download, Install, Check Services and Uninstall, must be done within PowerShell.

2 Download and Install AhsayOBM

Download AhsayOBM

1. Login to the Windows server core, and the command prompt would appear.

```
Administrator: C:\Windows\system32\cmd.exe
C:\>
C:\>
C:\>
C:\>
C:\>
C:\>
C:\>
C:\>
```

2. Type in the following command to enter PowerShell.

```
>powershell
```

After successfully entering PowerShell the prompt would be like following:

```
C:\>powershell
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.

PS C:\> _
```

3. Use the following command to download AhsayOBM installer to Windows server core.

```
>Invoke-WebRequest http://YOUR_BACKUP_SERVER/cbs/download/obm-win-80-YOUR_BACKUP_SERVER-http.exe -OutFile 'c:\temp\obm-win-80-YOUR_BACKUP_SERVER-http.exe'
```

```
PS C:\> Invoke-WebRequest http://10.16.10.13/cbs/download/obm-win-80-10.16.10.13-http.exe -OutFile 'C:\temp\obm-win-80-10.16.10.13-http.exe'
```

OR

```
>Invoke-WebRequest https://YOUR_BACKUP_SERVER/cbs/download/obm-win-443-YOUR_BACKUP_SERVER-https.exe -OutFile 'c:\temp\obm-win-443-YOUR_BACKUP_SERVER-https.exe'
```

```
PS C:\temp> Invoke-WebRequest https://gcb.onlinedatastorageuk.co.uk/cbs/download/obm-win-443-gcb.onlinedatastorageuk.co.uk-https.exe -OutFile 'c:\temp\obm-win-443-gcb.onlinedatastorageuk.co.uk-https.exe'
```

NOTE

- You can download with both of the URL started with “*http*” or “*https*”, but *https* will not work with default Ahsay self-signed dummy certificate, so it is suggested to use the URL started with *http*.
- The above command will download the AhsayOBM installer to the path of “*C:\temp*”.
- You could change the download path of the file, which is “*C:\temp*” to other path, but **DO NOT** change the file name of the AhsayOBM installer downloaded, i.e. “*obm-win-80-YOUR_BACKUP_SERVER-http.exe*”.

4. During downloading the process would be like following:

```
Writing web request  
Writing request stream... (Number of bytes written: 3223857)
```

After finishing downloading the screen above would disappear. Press **Enter** button to continue.

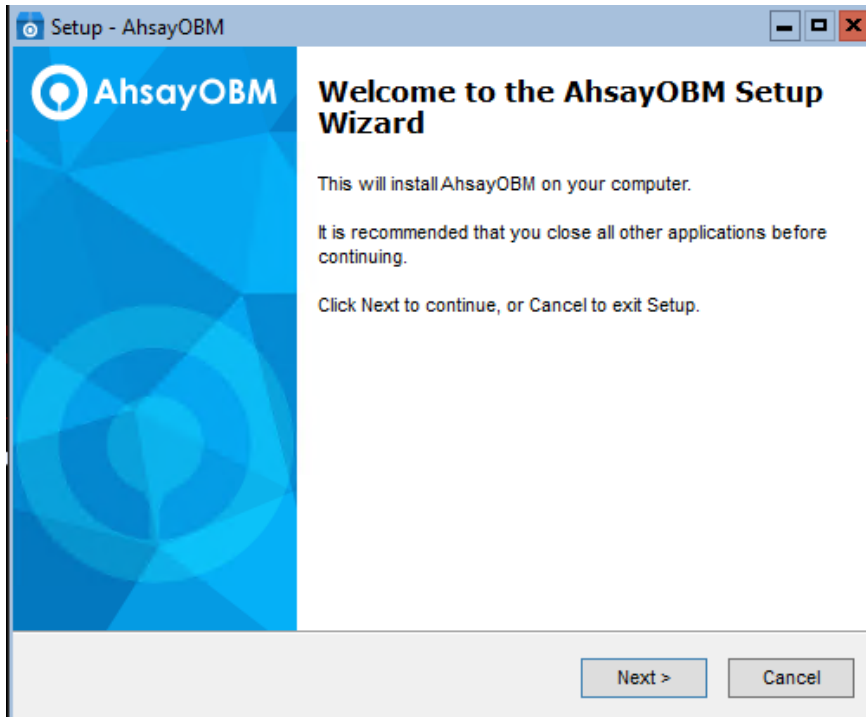
Install AhsayOBM

1. Use the following command to execute the installer:

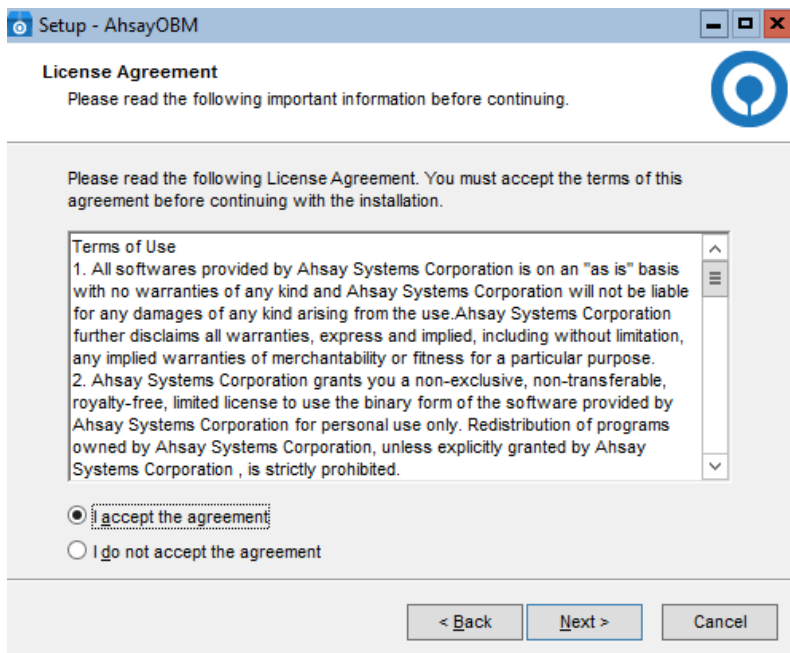
```
>C:\temp\obm-win-80-YOUR_BACKUP_SERVER-http.exe
```

```
PS C:\> C:\temp\obm-win-80-10.16.10.13-http.exe
```

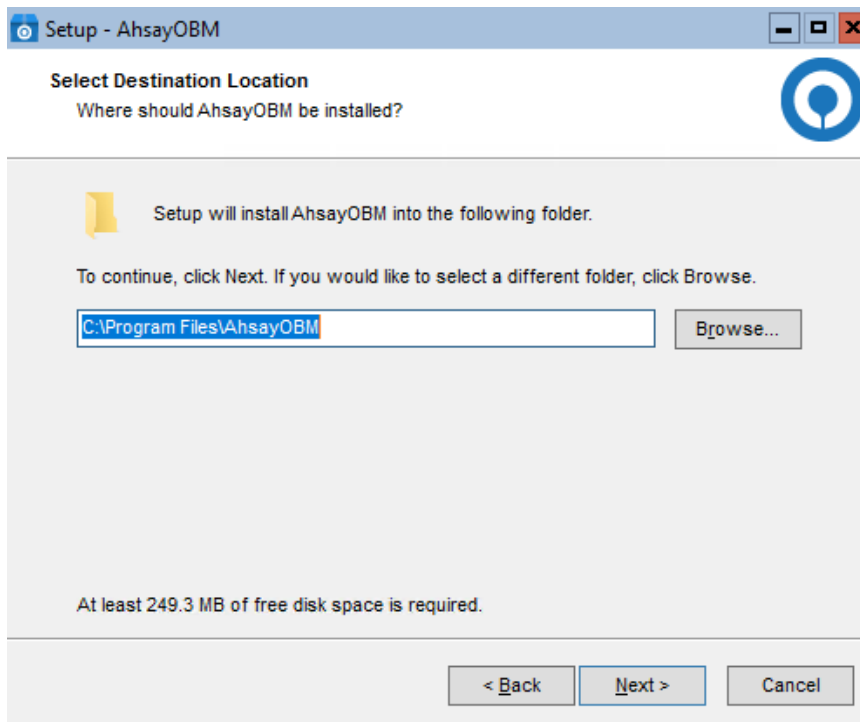
2. Click **Next** to continue.



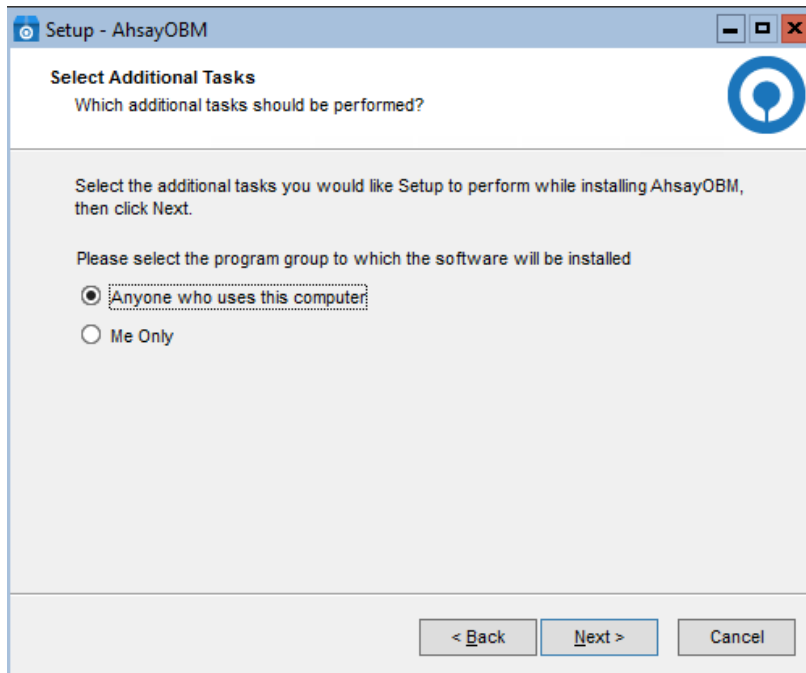
3. Select **"I accept the agreement"** after reading the license agreement. Then click **Next** to continue.



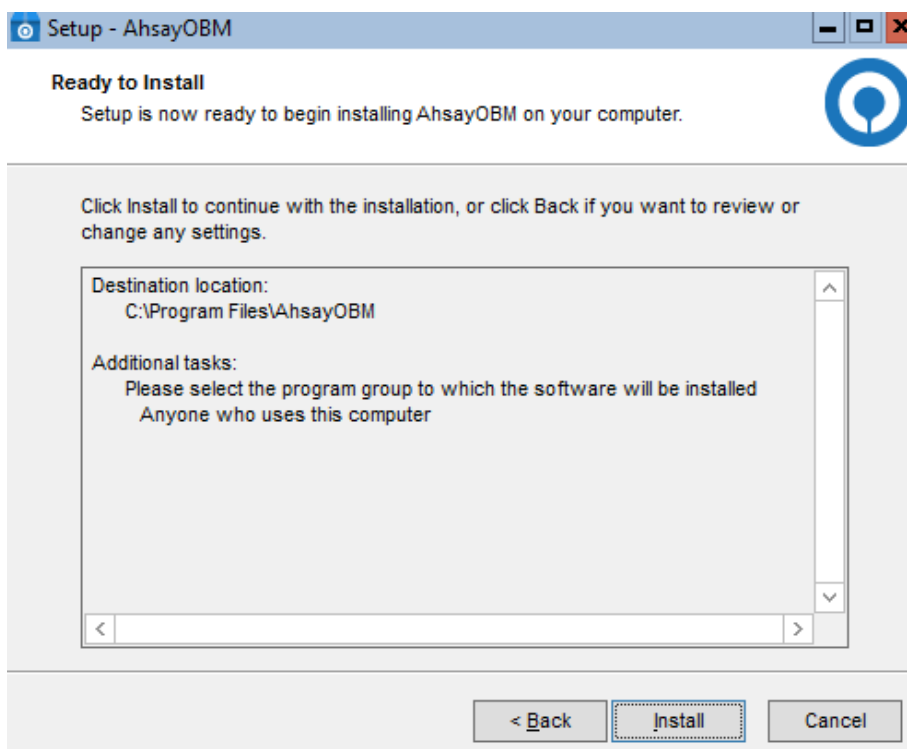
4. Choose the installation directory. Then click **Next** to continue.



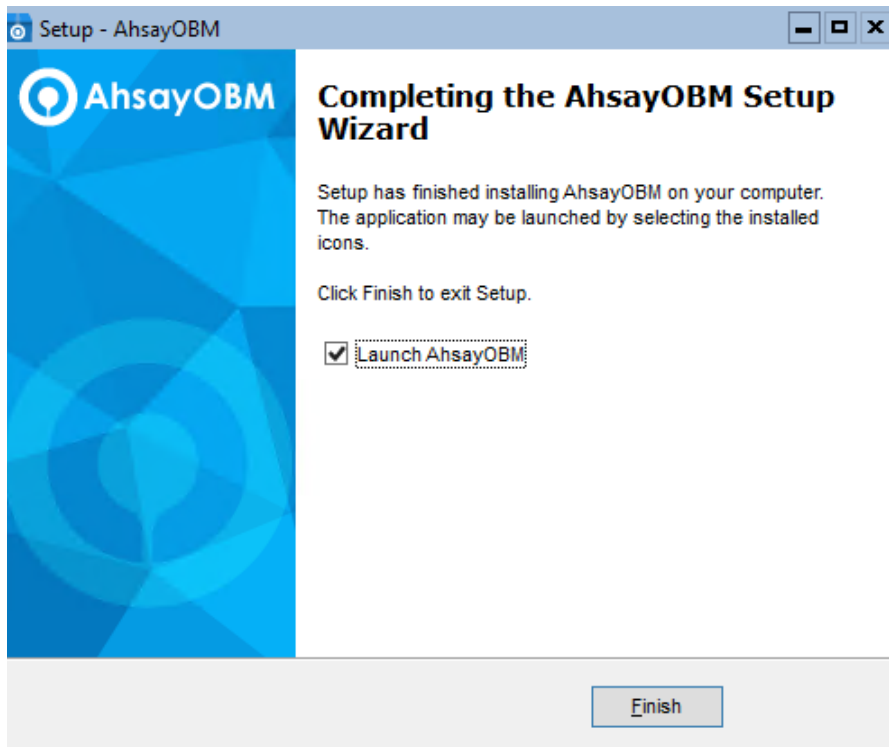
5. Select the program group to which the software will be installed. Then click **Next** to continue.



6. Click **Install** to start installation.



7. Click **Finish** to complete the installation.



NOTE

- If the installation process is smooth, clicking **Finish** with ticking “**Launch AhsayOBM**” would complete the installation and start AhsayOBM user interface directly.

AhsayOBM Services Check

After installation, check whether “Ahsay Online Backup Manager Services” and “NFS Services (Ahsay Systems Corporation)” are running.

NOTE

- “Ahsay Online Backup Manager Services” is used to kick automated or scheduled backup jobs, and “NFS Services (Ahsay Systems Corporation)” is used for Run Direct function.
- Please start both of the services if found them not running, to ensure both of backup jobs and Run Direct function work.

There are 2 methods to check:

1. Method 1: Use PowerShell command prompt:

```
>Get-Service -DisplayName 'Ahsay Online Backup Manager Services'
```

```
PS C:\> Get-Service -DisplayName 'Ahsay Online Backup Manager services'

Status      Name                DisplayName
-----
Running     OBScheduler         Ahsay Online Backup Manager Services
```

```
>Get-Service -DisplayName 'NFS Service (Ahsay Systems Corporation)'
```

```
PS C:\> Get-Service -DisplayName 'NFS service (Ahsay systems corporation)'

Status      Name                DisplayName
-----
Running     OBnfsServer         NFS Service (Ahsay Systems Corporat...
```

If the services are not running, use the command to start the service.

```
>Start-Service-DisplayName 'Ahsay Online Backup Manager Services'
```

```
>Start-Service -DisplayName 'NFS Service (Ahsay Systems Corporation)'
```

```
PS C:\Users\Administrator\Desktop>
PS C:\Users\Administrator\Desktop> Start-Service -DisplayName 'NFS Service (Ahsay Systems Corporation)'
PS C:\Users\Administrator\Desktop> Start-Service -DisplayName 'Ahsay Online Backup Manager Services'
PS C:\Users\Administrator\Desktop> _
```

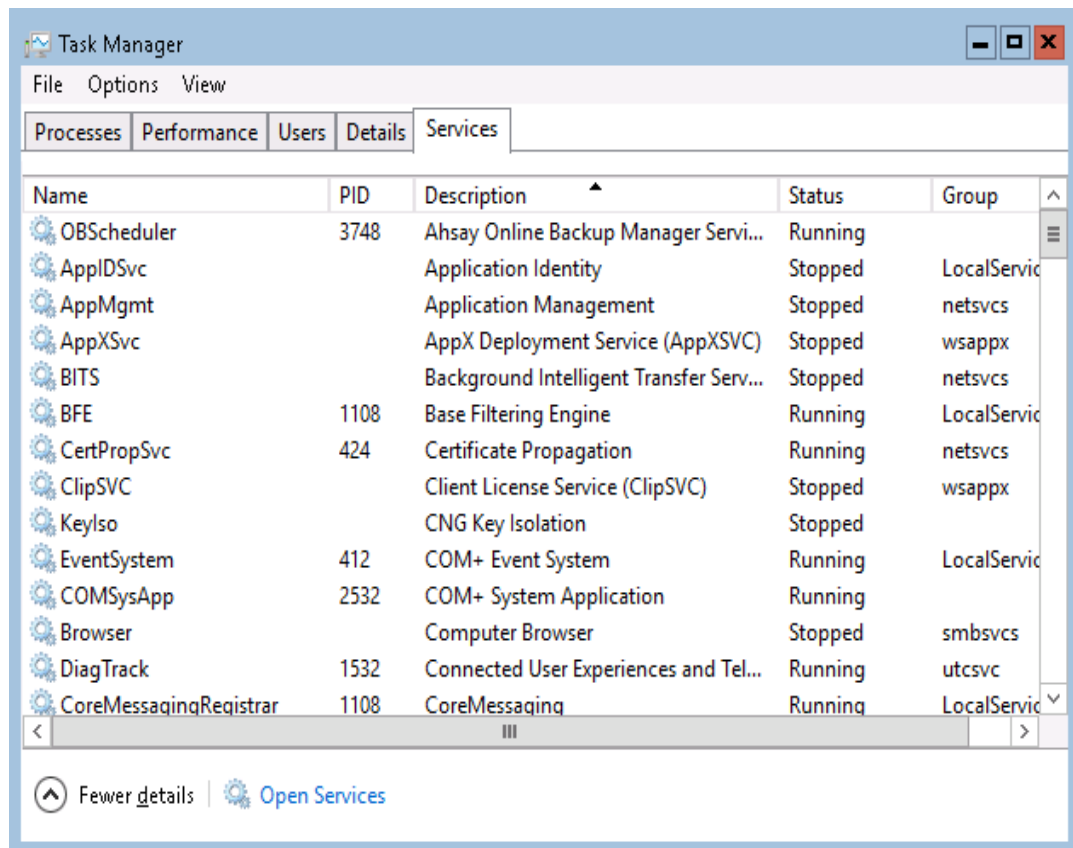
2. Method 2: Use GUI:

- i. Use the following command to open task manager.

```
>taskmgr
```

```
PS C:\> taskmgr
```

- ii. **Task Manager** should appear. Navigate to **Services**.



- iii. Ensure the following services exist and running.

Name	PID	Description	Status
OBScheduler	3748	Ahsay Online Backup Manager Services	Running
OBNfsServer	3348	NFS Service (Ahsay Systems Corporation)	Running

If the services are not running, right click to start.

3 Start AhsayOBM

After installation, if unselect “Launch AhsayOBM” and click Finish, installation would be completed and AhsayOBM would not be started. Then there are 3 methods to start AhsayOBM in the PowerShell.

1. Method 1: Start AhsayOBM from link file in the desktop of the user:

```
> .\Users\Public\Desktop\AhsayOBM.lnk
```

```
PS C:\>  
PS C:\> .\Users\Public\Desktop\AhsayOBM.lnk  
PS C:\> _
```

2. Method 2: Start AhsayOBM from exe file in the bin of installation directory:

- i. Change the directory to the **bin** folder of installation directory.

```
> cd '.\Program Files\AhsayOBM\bin\'
```

```
PS C:\> cd '.\Program Files\AhsayOBM\bin\'
```

- ii. Run the **systemTray.exe** (for 32-bit OS) or **systemTray64.exe** (for 64-bit OS) with argument **-UI**.

```
> .\systemTray.exe -UI
```

OR

```
> .\systemTray64.exe -UI
```

```
PS C:\Program Files\AhsayOBM\bin> .\SystemTray.exe -UI
```

3. Method 3: Start AhsayOBM from **RunCB.bat** in installation directory.

- i. Change the directory to the **bin** folder of installation directory.

```
> cd '.\Program Files\AhsayOBM\bin\'
```

```
PS C:\> cd '.\Program Files\AhsayOBM\bin\'
```

- ii. Run **RunCB.bat** to startup AhsayOBM.

```
> start .\RunCB.bat
```

```
PS C:\Program Files\AhsayOBM\bin> start .\RunCB.bat
```

Another PowerShell command prompt would pop out and show like following. The upper one is original, while the lower one is new for RunCB.bat.

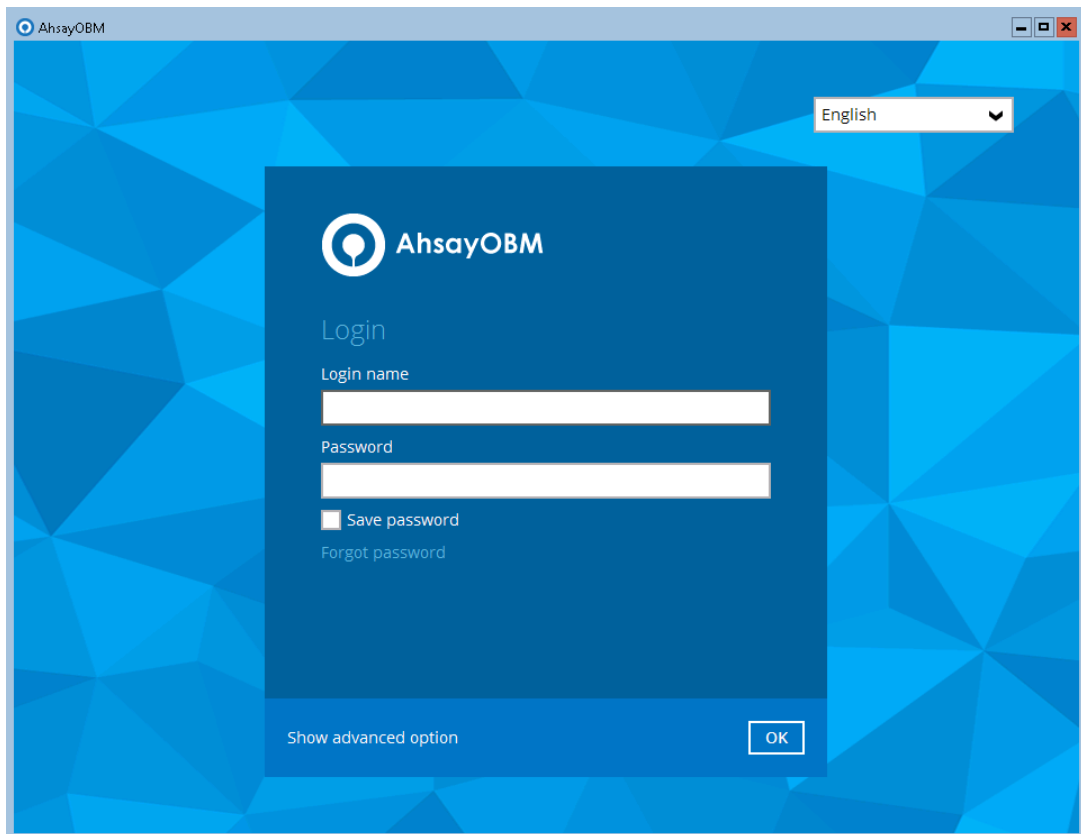
```
C:\Windows\system32\cmd.exe - powershell - powershell - powershell

PS C:\Program Files\AhsayOBM\bin>
PS C:\Program Files\AhsayOBM\bin>
PS C:\Program Files\AhsayOBM\bin>
PS C:\Program Files\AhsayOBM\bin>
PS C:\Program Files\AhsayOBM\bin>
PS C:\Program Files\AhsayOBM\bin>
PS C:\Program Files\AhsayOBM\bin>
PS C:\Program Files\AhsayOBM\bin>
PS C:\Program Files\AhsayOBM\bin>
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PS C:\Program Files\AhsayOBM\bin>
PS C:\Program Files\AhsayOBM\bin>
PS C:\Program Files\AhsayOBM\bin>
PS C:\Program Files\AhsayOBM\bin>
PS C:\Program Files\AhsayOBM\bin>
PS C:\Program Files\AhsayOBM\bin> start .\RunCB.bat
PS C:\Program Files\AhsayOBM\bin>

C:\Windows\system32\cmd.exe

SETTING_HOME=""
JAVA_HOME=..\jvm
JAVA_EXE=..\jvm\bin\java.exe
JAVA_OPTS=-Xms128m -Xmx2048m -XX:MaxDirectMemorySize=1024m -Dsun.java2d.noddraw -Dsun.nio.PageAlignDirectMemory=true
JAVA_LIB_PATH=-Djava.library.path=..\bin
PATH=..\bin\X64;..\jvm\bin;..\jvm\bin;..\bin\X64;..\jvm\bin;..\jvm\bin;..\bin\X64;..\jvm\bin;..\jvm\bin;C:\Windows\system32;C:\Windows;C:\Windows\System32\Wbem;C:\Windows\System32\WindowsPowerShell\v1.0\;C:\Users\Administrator\AppData\Local\Microsoft\WindowsApps;
CLASSPATH=..\bin;..\bin\cb.jar
-

C:\Program Files\AhsayOBM\bin>..\jvm\bin\java.exe -Djava.library.path=..\bin -cp ..\bin;..\bin\cb.jar -Xms128m -Xmx2048m -XX:MaxDirectMemorySize=1024m -Dsun.java2d.noddraw -Dsun.nio.PageAlignDirectMemory=true Gui "" .. ""
JComFlashPlayer failed to start. Please update your Flash player and try again
log4j:WARN No appenders could be found for logger (org.apache.http.impl.conn.PoolingClientConnectionManager).
log4j:WARN Please initialize the log4j system properly.
log4j:WARN See http://logging.apache.org/log4j/1.2/faq.html#noconfig for more info.
```



NOTE

- Please keep running the prompt for RunCB.bat while running the whole process of AhsayOBM. Any time when you close the new prompt, AhsayOBM user interface will be shut down.
- After finishing applying AhsayOBM, you can close the prompt for RunCB.bat to quit AhsayOBM user interface, or you can close AhsayOBM user interface and then press any key in the RunCB.bat prompt to shut it down.
- During new prompt for RunCB.bat running, you can still make use of the original one to perform other operations.

APPENDIX

Appendix A Uninstall AhsayOBM

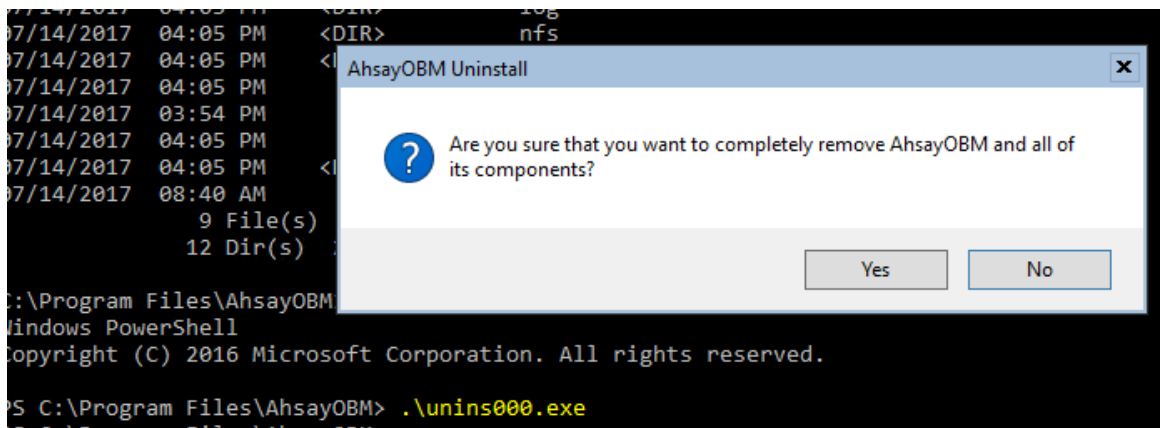
1. Change the directory to the installation directory.

```
> cd '.\Program Files\AhsayOBM\'
```

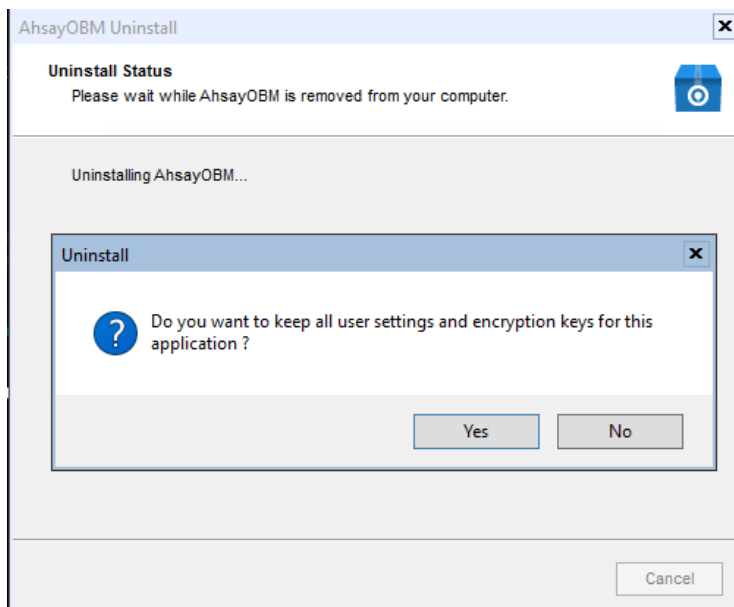
```
PS C:\> cd '.\Program Files\AhsayOBM\'
```

2. Execute **unins000.exe** and click **Yes**.

```
> .\unins000.exe
```



3. When you see the following screen:



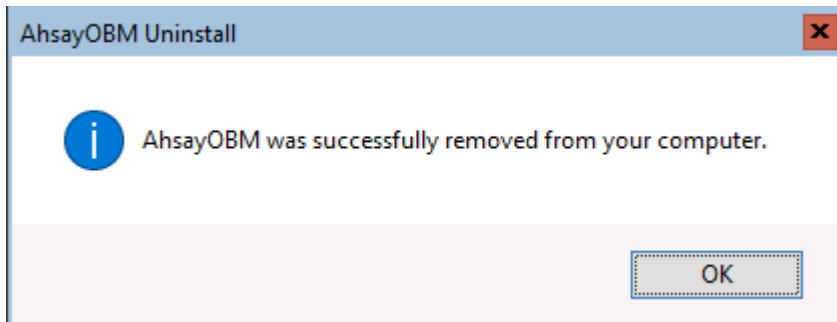
- i. Choose **Yes** to keep all user settings and the encryption keys associated with the users. If you are likely to install AhsayOBM on the same machine in the future again, the user settings, e.g. login details, backup sets and so forth will remain in "C:\Users\username\AhsayOBM" by default.

- ii. Choose **No** to delete all user settings and encryption keys with this uninstallation.

NOTE

- Please keep a separate written record for the encryption key before deleting it.

- 4. The following screen prompts when the uninstallation is completed.



- 5. (Optional) If you choose "Yes" to "keep all user settings and encryption keys" when you remove AhsayOBM, for a later complete removal of all the AhsayOBM-related files in your machine, run the following command in the **Program Files** directory and choose **Y**.

```
> cd C:\Program Files
```

```
PS C:\Program Files\AhsayOBM> cd C:\Program Files
```

```
> rm .\AhsayOBM\
```

```
PS C:\Program Files> rm .\AhsayOBM\
Confirm
The item at C:\Program Files\AhsayOBM\ has children and the Recurse parameter was not specified. If you continue, all children will be removed with the item. Are you sure you want to continue?
[Y] Yes [A] Yes to All [N] No [L] No to All [S] Suspend [?] Help (default is "Y"): Y
```