Ahsay Backup

Ahsay Online Backup Manager v8

Windows Server Core Installation Guide

Ahsay Systems Corporation Limited

9 July 2019

A wholly owned subsidiary of
Ahsay Backup Software Development Company Limited
HKEx Stock Code: 8290

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Revision History

Date	Descriptions	Type of modification
8 July 2019	First Draft	New
9 July 2019	Ch. 2 Re-organized into offline and online installation.	Update
	Ch. 3 AhsayOBM Services Check	Update

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1 Summary

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

NOTE

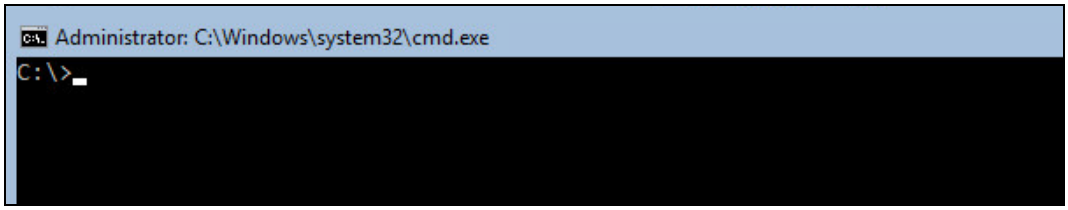
- All the process, i.e. Download, Install, Check Services and Uninstall, must be done within PowerShell.

2 Download and Install AhsayOBM

Option 1: Online Installation Option

Download Online AhsayOBM Installer

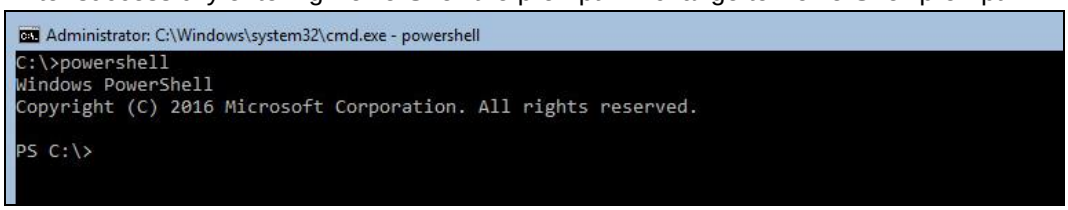
1. Login to the Windows server core, and start the command prompt



2. Type in the following command to enter PowerShell.

```
C:\> powershell
```

After successfully entering PowerShell the prompt will change to PowerShell prompt:



3. Use the following command to download the online AhsayOBM installer to Windows server core *C:\temp* folder

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

Example: *Invoke-WebRequest http://10.3.1.8/cbs/download/obm-win-80-10.3.1.8-http-25212O.exe -OutFile 'c:\temp\obm-win-80-10.3.1.8-http-25212O.exe'*

OR

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

Example: *Invoke-WebRequest https://10.3.1.8/cbs/download/obm-win-443-10.3.1.8-https-25212O.exe -OutFile 'c:\temp\obm-win-443-10.3.1.8-https-25212O.exe'*

NOTE

- You can download using both *"http"* or *"https"*, but *https* will not work with default Ahsay self-signed dummy certificate, so it is recommended to use *http* in this case.
- The above command will download the AhsayOBM installer to the path of "*C:\temp*".
- You can 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-<OwnerID>.exe*".

4. During downloading of AhsayOBM installer the following message will be displayed:

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

After completing the download of the AhsayOBM offline installer the screen above would disappear. Press **Enter** button to continue.

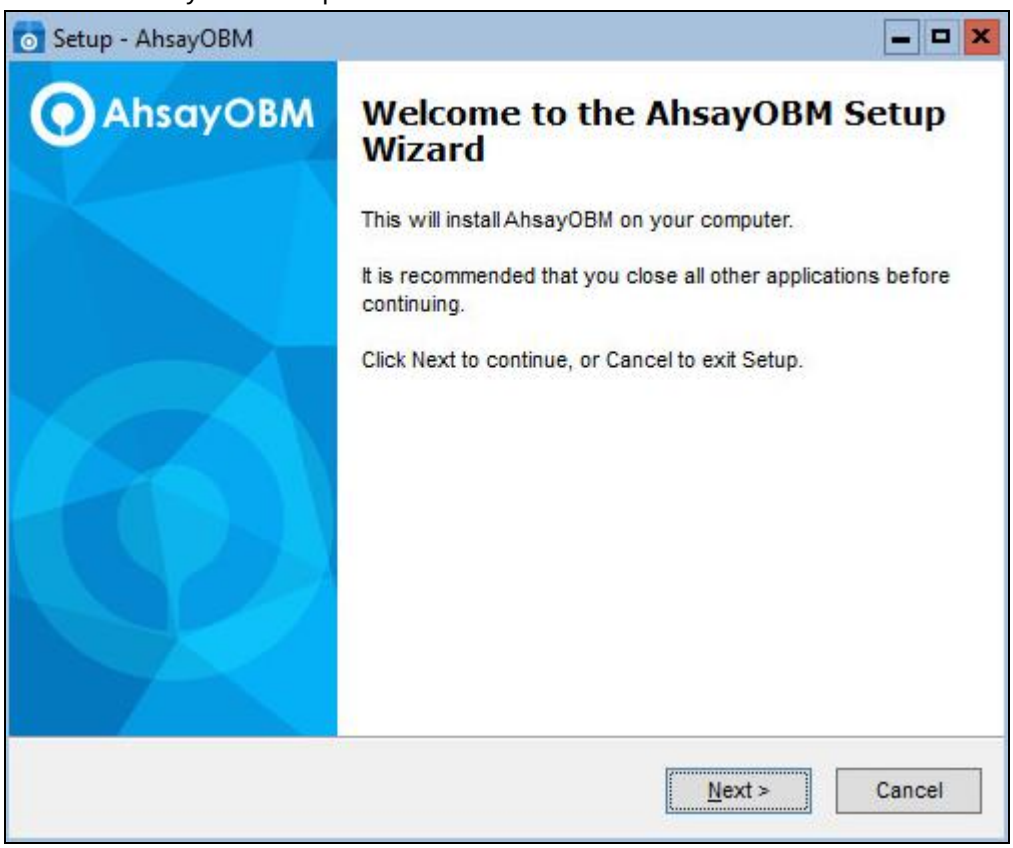
Installing AhsayOBM

1. Use the following command to execute the installer:

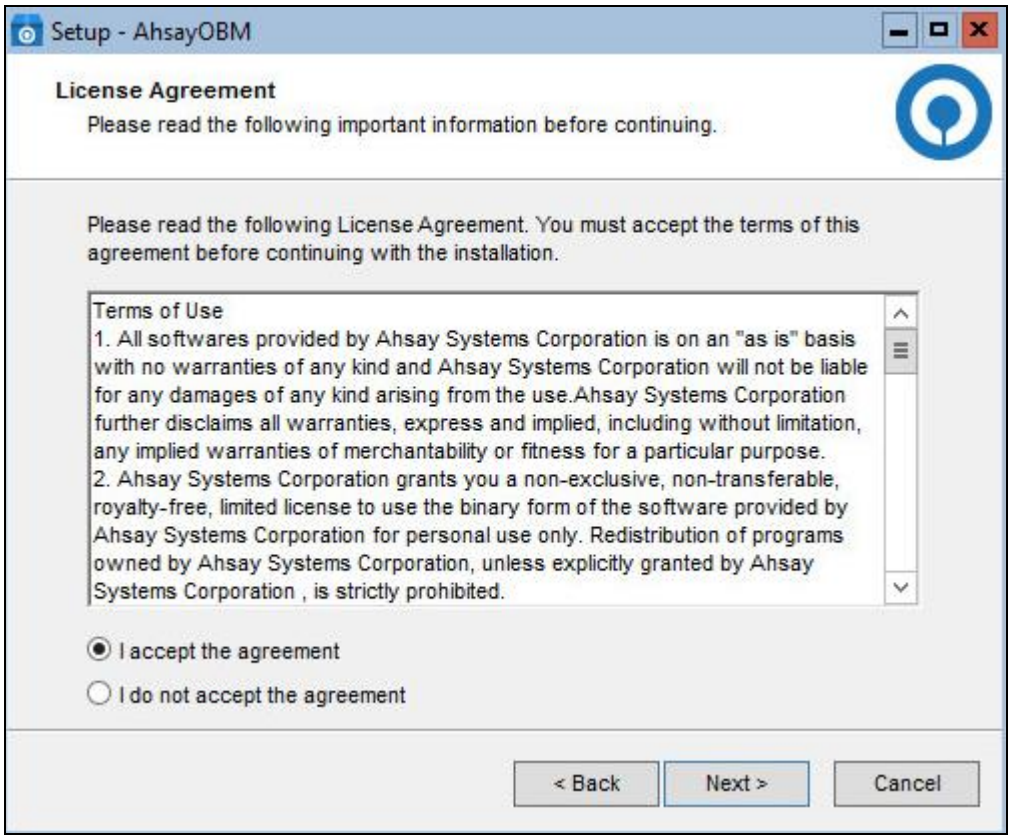
```
>C:\temp\obm-win-80-YOUR_BACKUP_SERVER-http-<OwnerID>.exe

Or

>C:\temp\obm-win-443-YOUR_BACKUP_SERVER-https-<OwnerID>.exe
```

Example: *obm-win-443-10.3.1.8-https-25212O.exe or obm-win-80-10.3.1.8-http-25212O.exe*

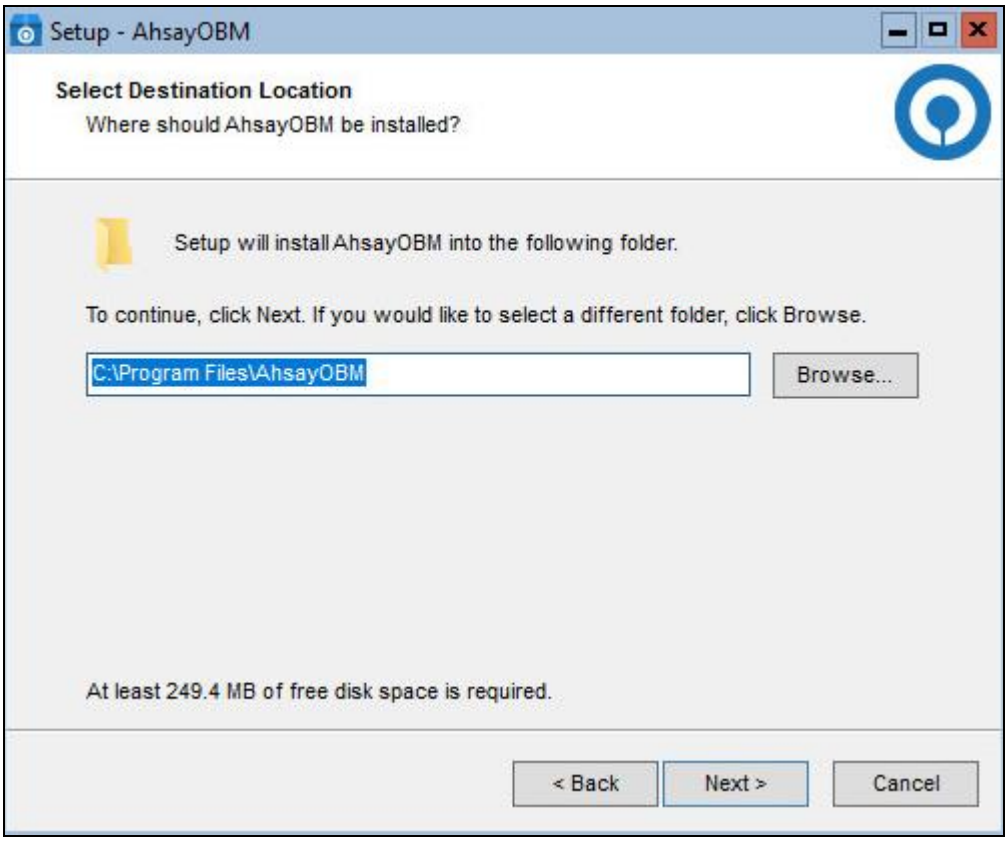
2. When the AhsayOBM Setup Wizard is shown. Click **Next** to continue.



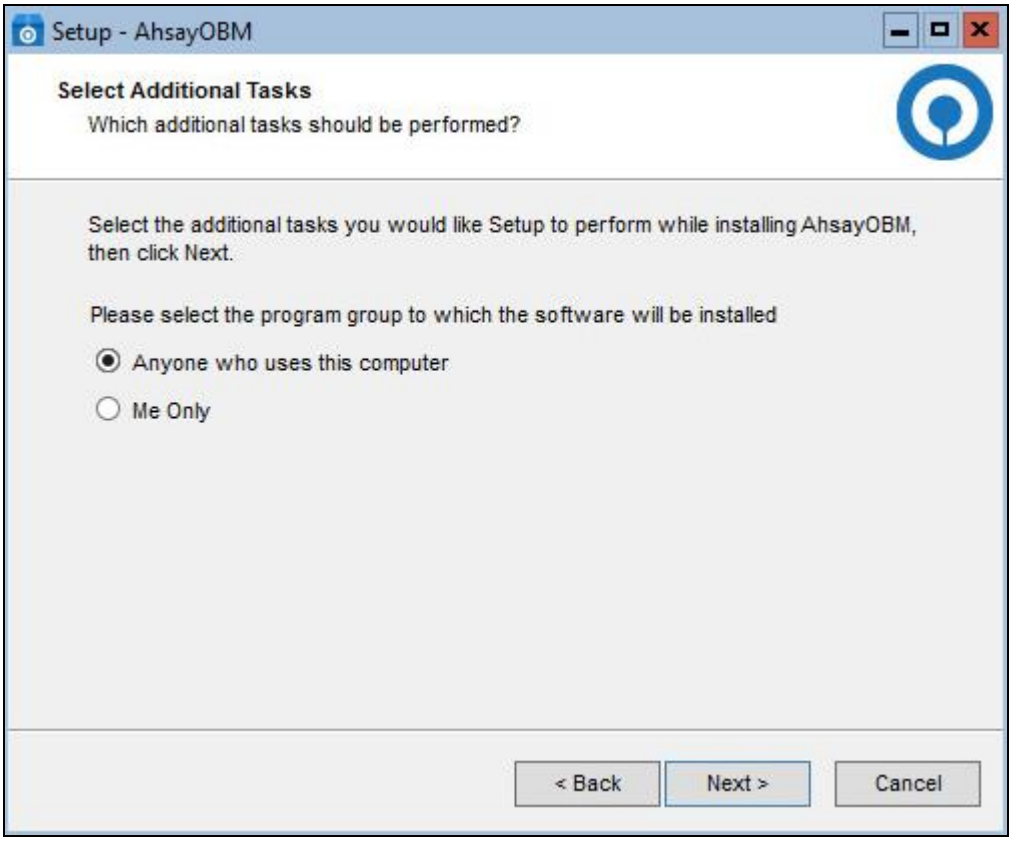
3. Select "**I accept the agreement**" after reading the license agreement. Then click **Next** to continue.



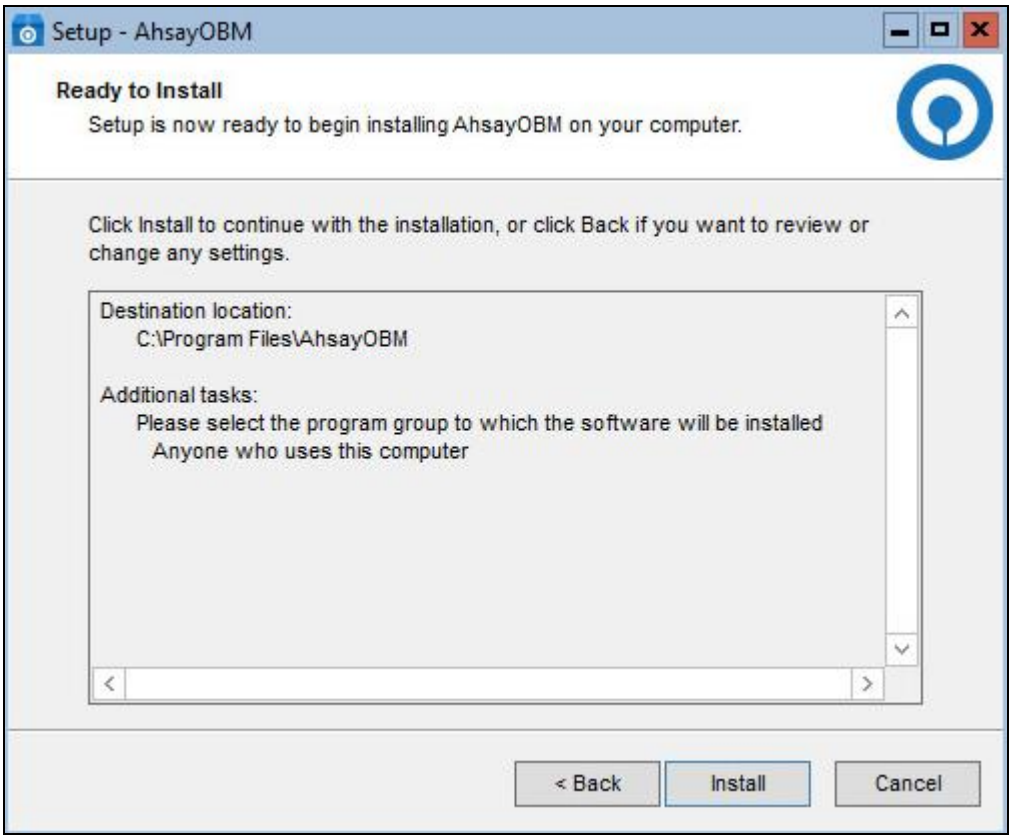
4. Choose the installation directory. Then click **Next** to continue.



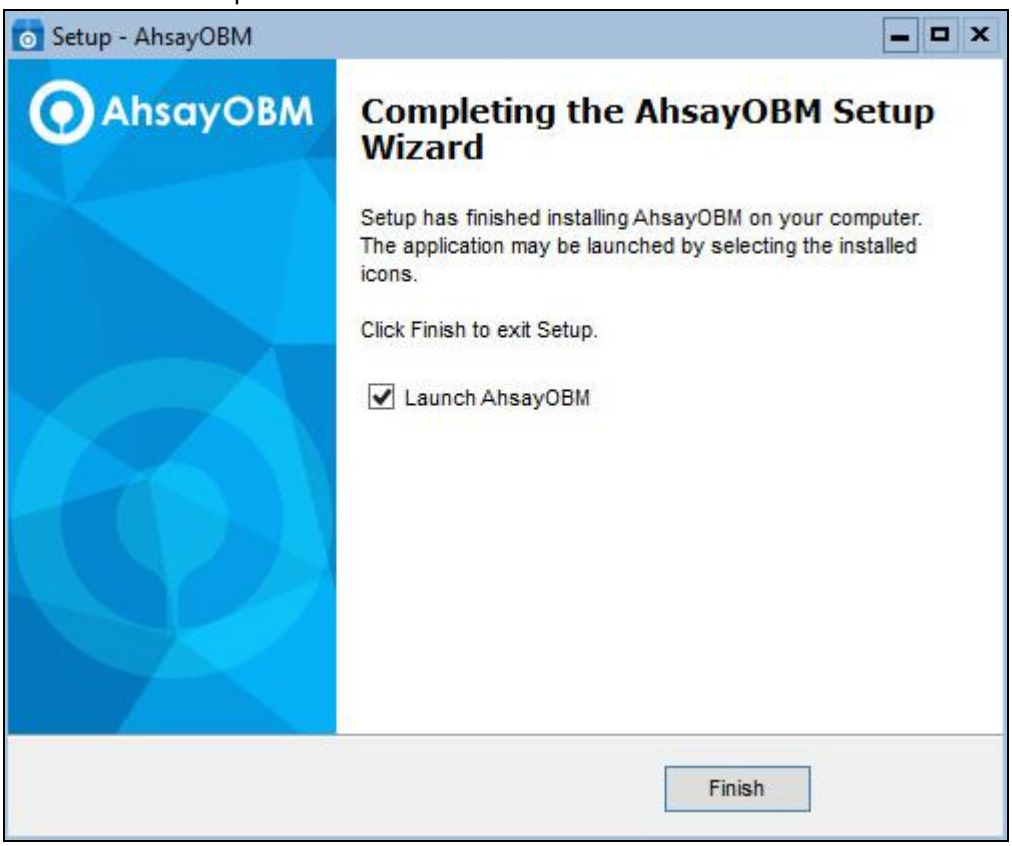
5. Select the program group to which the software will be installed. Then click **Next** to continue.



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



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



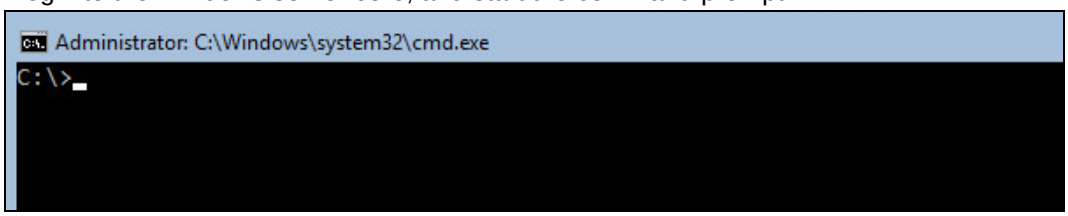
NOTE

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

Option 2: Offline Installation Option

Download Offline AhsayOBM Installer

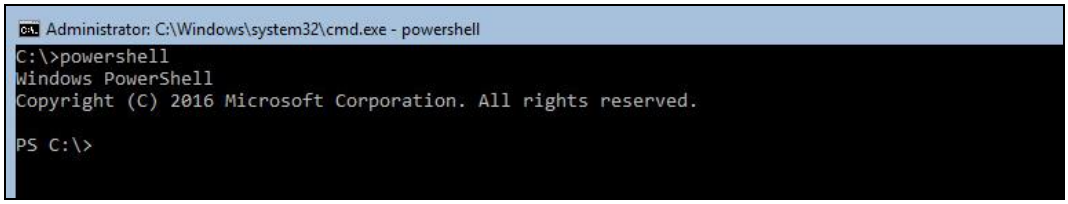
1. Login to the Windows server core, and start the command prompt



2. Type in the following command to enter PowerShell.

```
C:\> powershell
```

After successfully entering PowerShell the prompt will change to PowerShell prompt:



3. Use the following command to download the offline AhsayOBM installer to Windows server core *C:\temp* folder

```
PS C:\> Invoke-WebRequest
http://YOUR_BACKUP_SERVER/cbs/download/obm-win.zip -OutFile
'c:\temp\obm-win.zip'
```

Example: *Invoke-WebRequest http://10.3.1.8/cbs/download/obm-win.zip -OutFile 'c:\temp\obm-win.zip'*

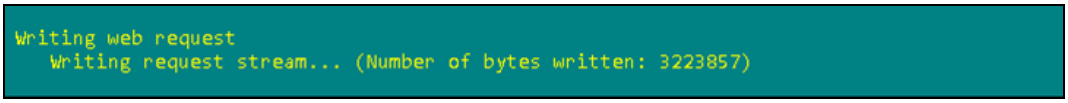
```
PS C:\> Invoke-WebRequest
https://YOUR_BACKUP_SERVER/cbs/download/obm-win.zip -OutFile
'c:\temp\obm-win.zip'
```

Example: *Invoke-WebRequest https://10.3.1.8/cbs/download/obm-win.zip -OutFile 'c:\temp\obm-win.zip'*

NOTE

- You can download using both *"http"* or *"https"*, but *https* will not work with default Ahsay self-signed dummy certificate, so it is recommended to use *http* in this case.
- The above command will download the AhsayOBM installer to the path of "*C:\temp*".

4. During downloading of AhsayOBM installer the following message will be displayed:



After completing the download of the AhsayOBM offline installer, the screen above would disappear. Press **Enter** button to continue.

Installing AhsayOBM

After the obm-win.zip installation file has been downloaded.

1. Use the following PowerShell command to unzip the installation files to directory *C:\temp*

```
PS C:\> Expand-Archive C:\temp\obm-win.zip C:\temp\
```

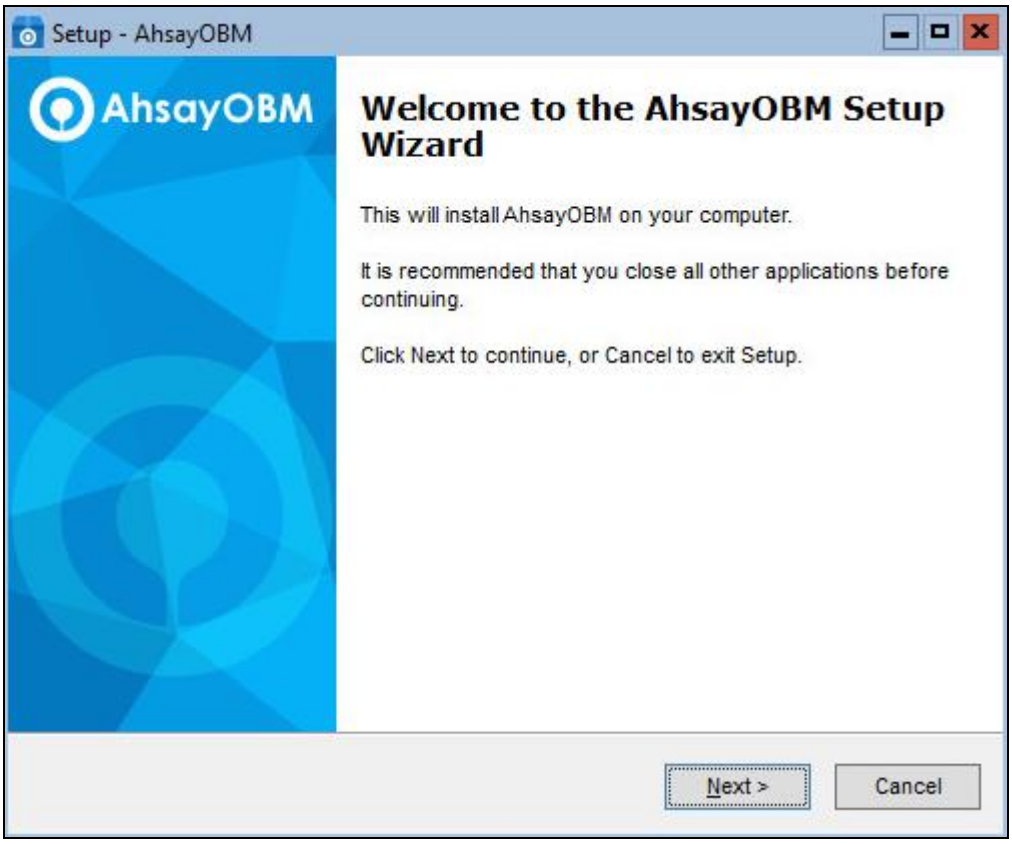
2. Check the installation files are extracted.

```
PS C:\> dir C:\temp

  Directory: C:\temp

Mode        LastWriteTime                Length     Name
----        -------------                -------    -----
d----       7/10/2019    3:24 PM                    app.pkg
-a----      7/10/2019   11:36 AM          3473888    obm-win.exe
-a----      7/10/2019   11:36 AM        170643765    obm-win.zip
```

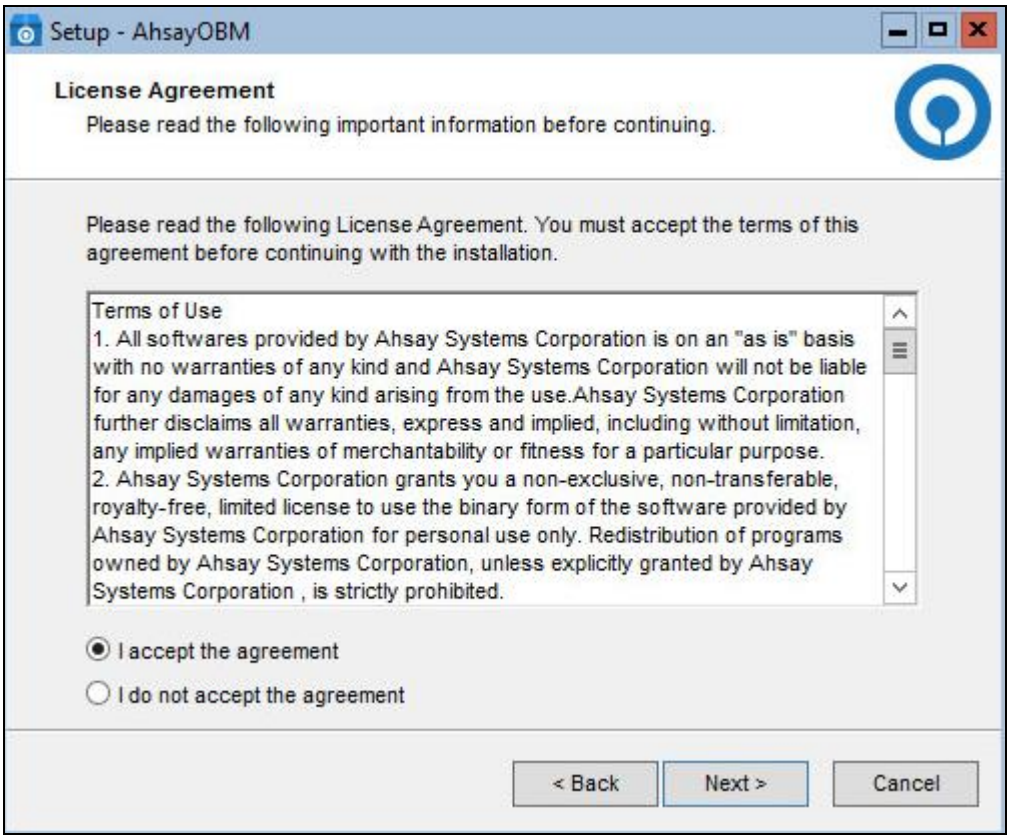
3. Use the following commands to execute the installer:

```
PS C:\> cd \temp
PS C:\temp> .\obm-win.exe
```

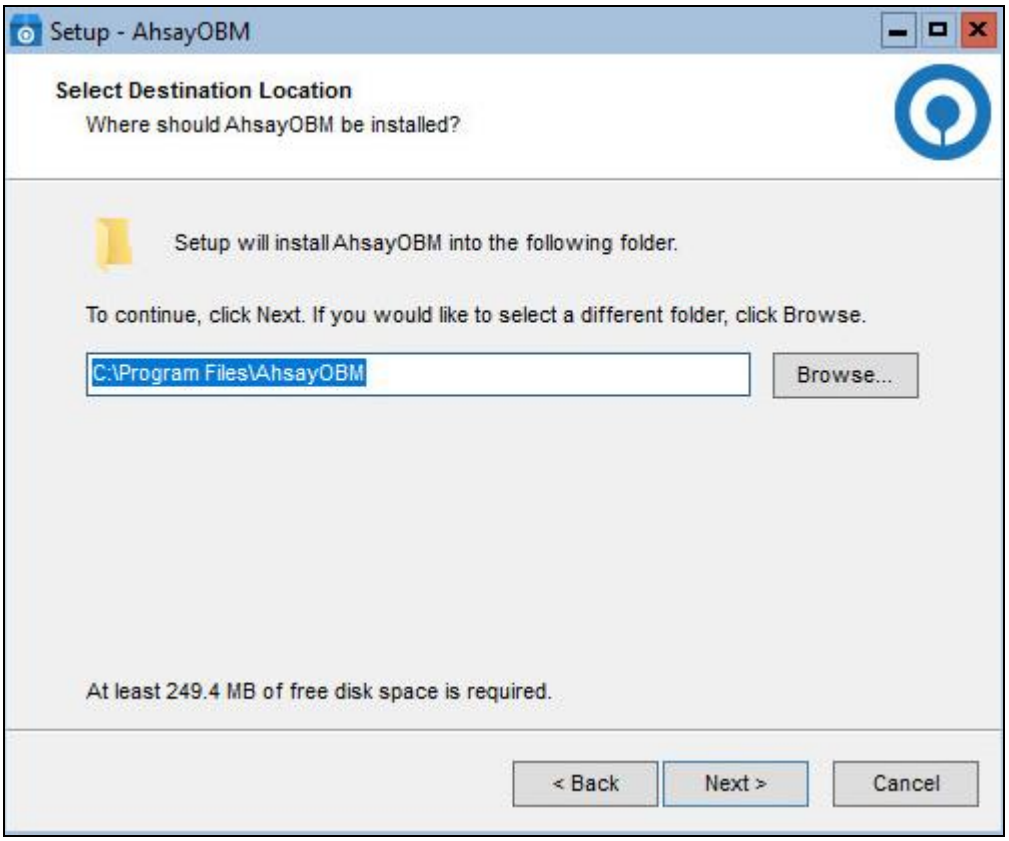
4. When the AhsayOBM Setup Wizard is shown. Click **Next** to continue.



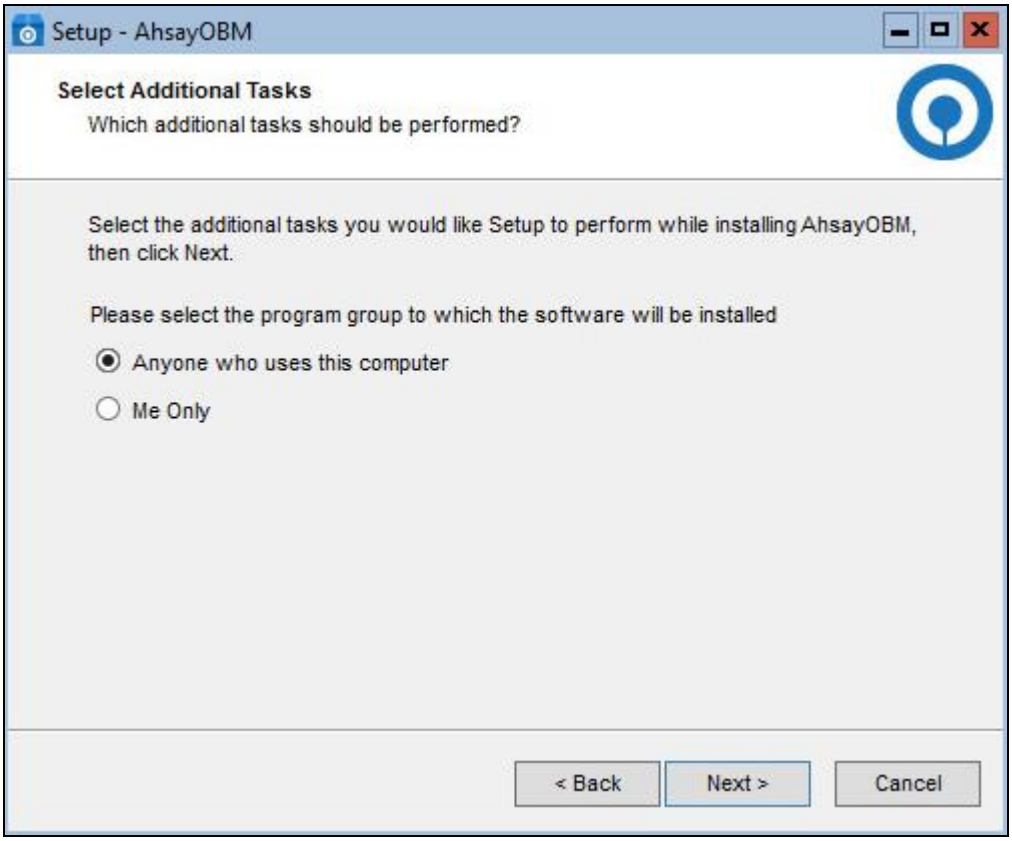
5. Select "**I accept the agreement**" after reading the license agreement. Then click **Next** to continue.



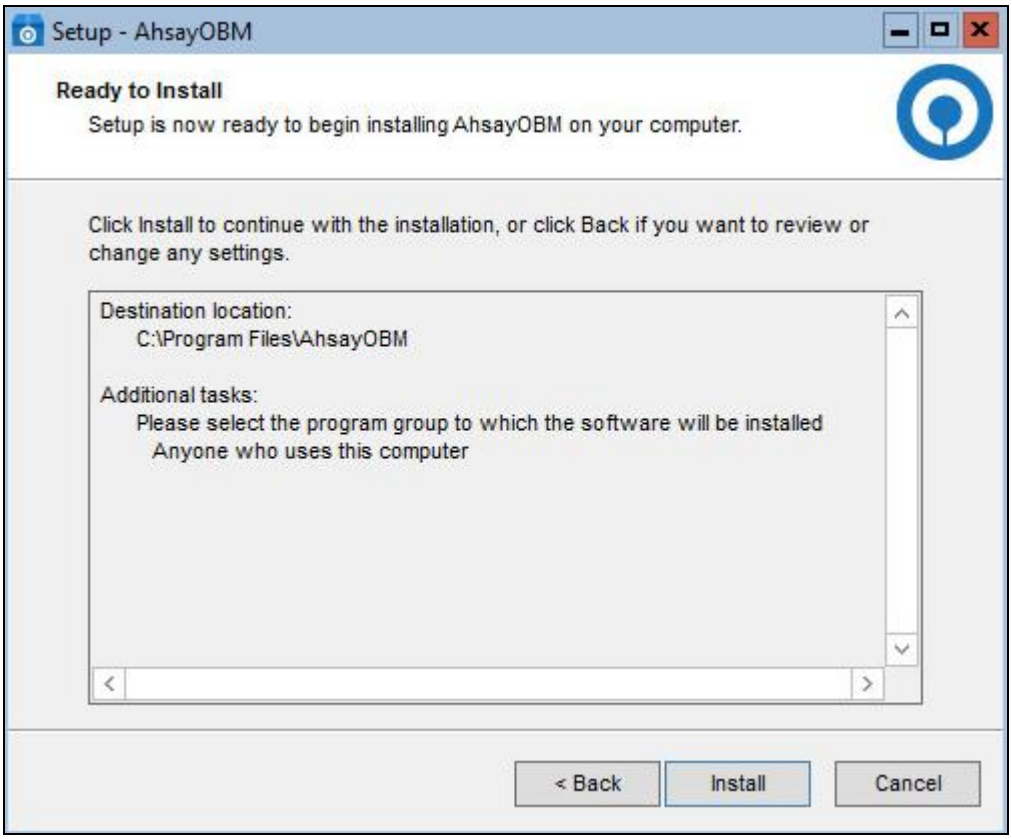
6. Choose the installation directory. Then click **Next** to continue.



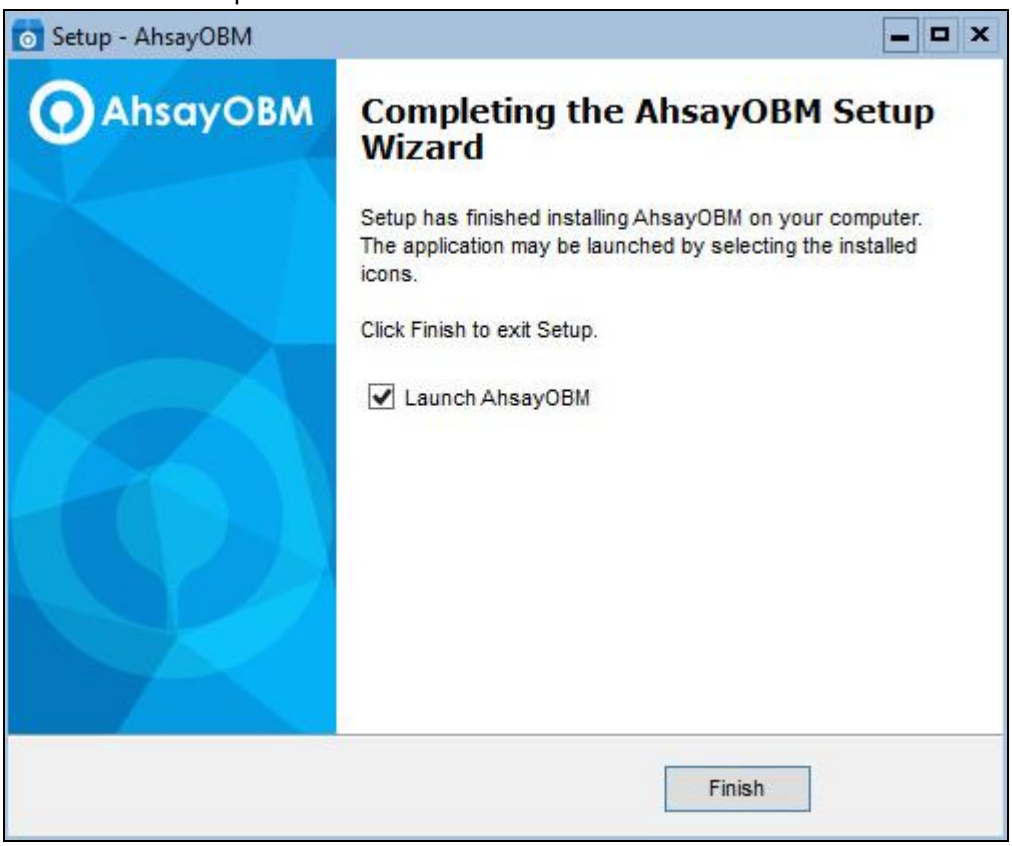
7. Select the program group to which the software will be installed. Then click **Next** to continue.



8. Click **Install** to start installation.



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



NOTE

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

3 AhsayOBM Services Check

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

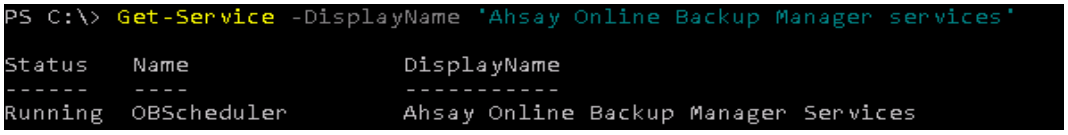
NOTE

- *"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 you find them not running, to ensure both backup jobs and Run Direct function work.

There are two methods to check the services status:

1. Method 1: Use PowerShell command prompt:

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




```
PS C:\> Get-Service -DisplayName 'NFS Service (Ahsay Systems Corporation)'
```

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

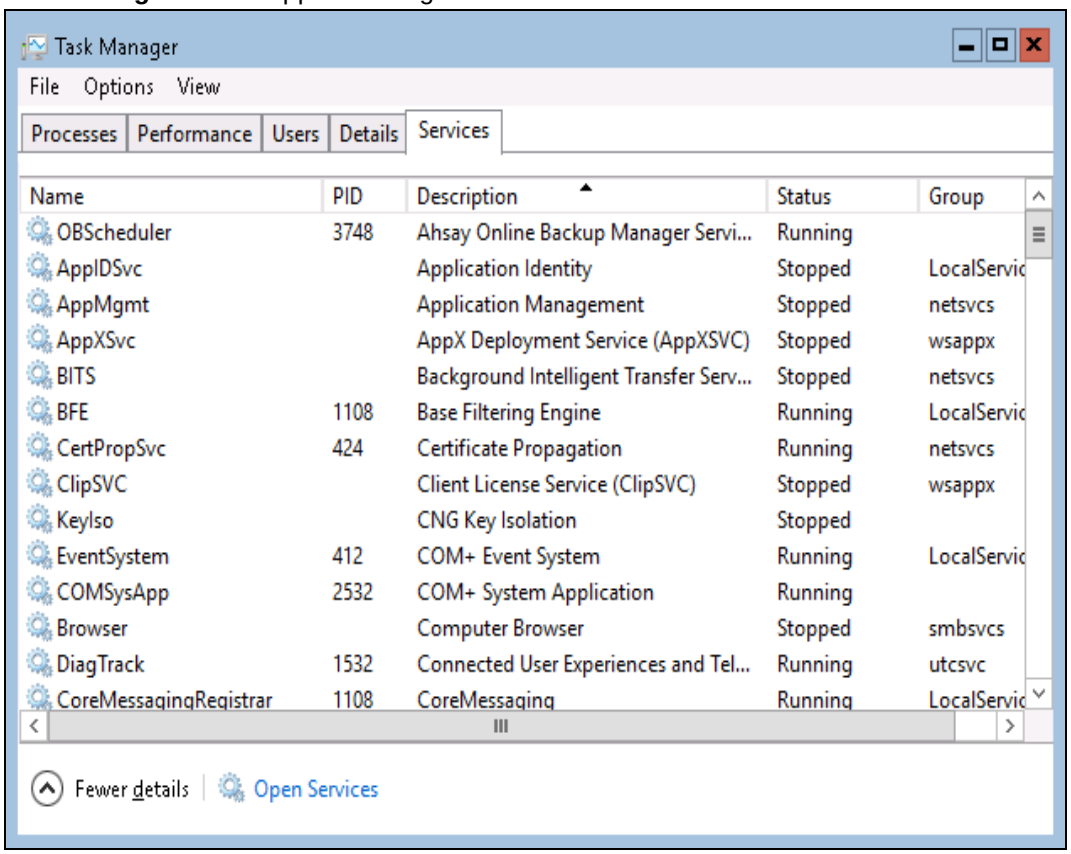
```
PS C:\> Start-Service-DisplayName 'Ahsay Online Backup Manager Services'

PS C:\> Start-Service -DisplayName 'NFS Service (Ahsay Systems Corporation)'
```

2. Method 2: Use GUI:

   i. Use the following command to open task manager.

```
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 runing, right click to start.

4 Starting AhsayOBM

Then there are three methods to start AhsayOBM on Windows server core using PowerShell.

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

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

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.

```
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**.

```
PS C:\> .\systemTray.exe -UI
```

   OR

```
PS C:\> .\systemTray64.exe -UI
```

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

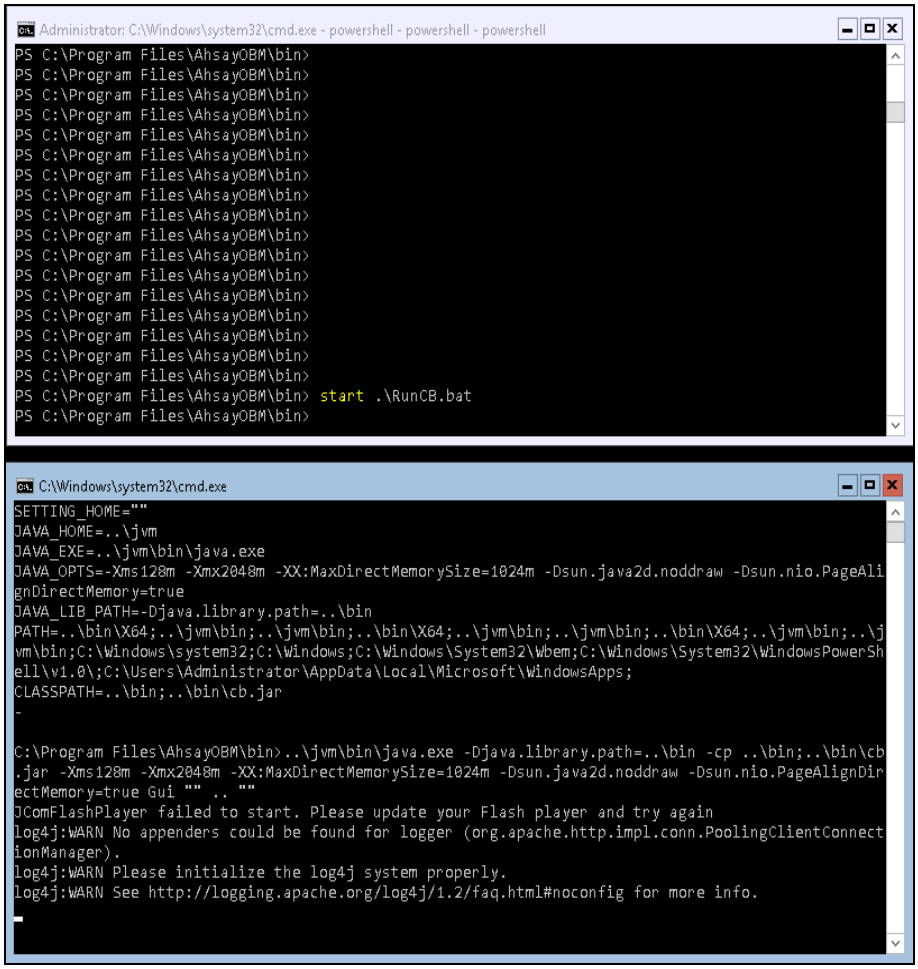
   i. Change the directory to the **bin** folder of installation directory.

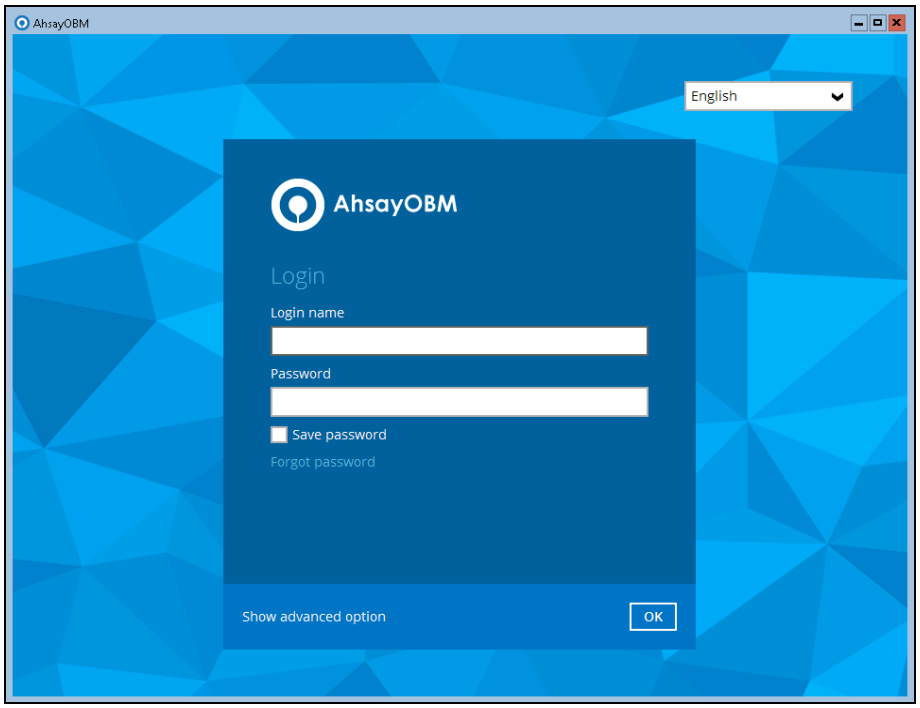
```
PS C:\> cd '.\Program Files\AhsayOBM\bin\'
```

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

```
PS C:\> start .\RunCB.bat
```

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





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.

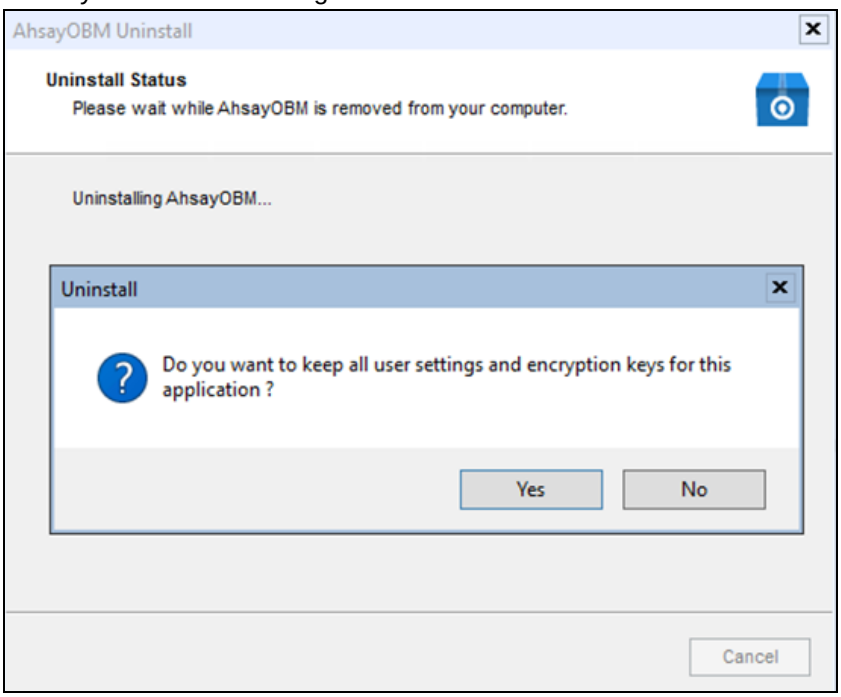
```
> cd '.\Program Files\AhsayOBM\'
```

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

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

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

3. When you see the following screen:



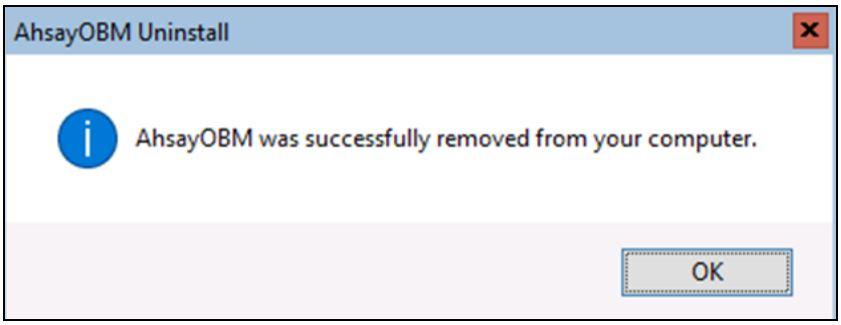
i. Choose **Yes** to keep all user settings and the encryption keys associated with the users. If you are likely to install AhsayOBM on the same machine in the future again, the user settings, e.g. login details, backup sets and so forth will remain in "*C:\Users\[username]\.obm*" by default.

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, al
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
```