

24/7
Backup Advanced Backup Manager (B247PRO) v9
Quick Start Guide for Windows Server Core

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Revision History

Date	Descriptions	Version
11 February 2022	▪ Ch. 2.1 – updated instructions on how to find download link	9.1.0.0

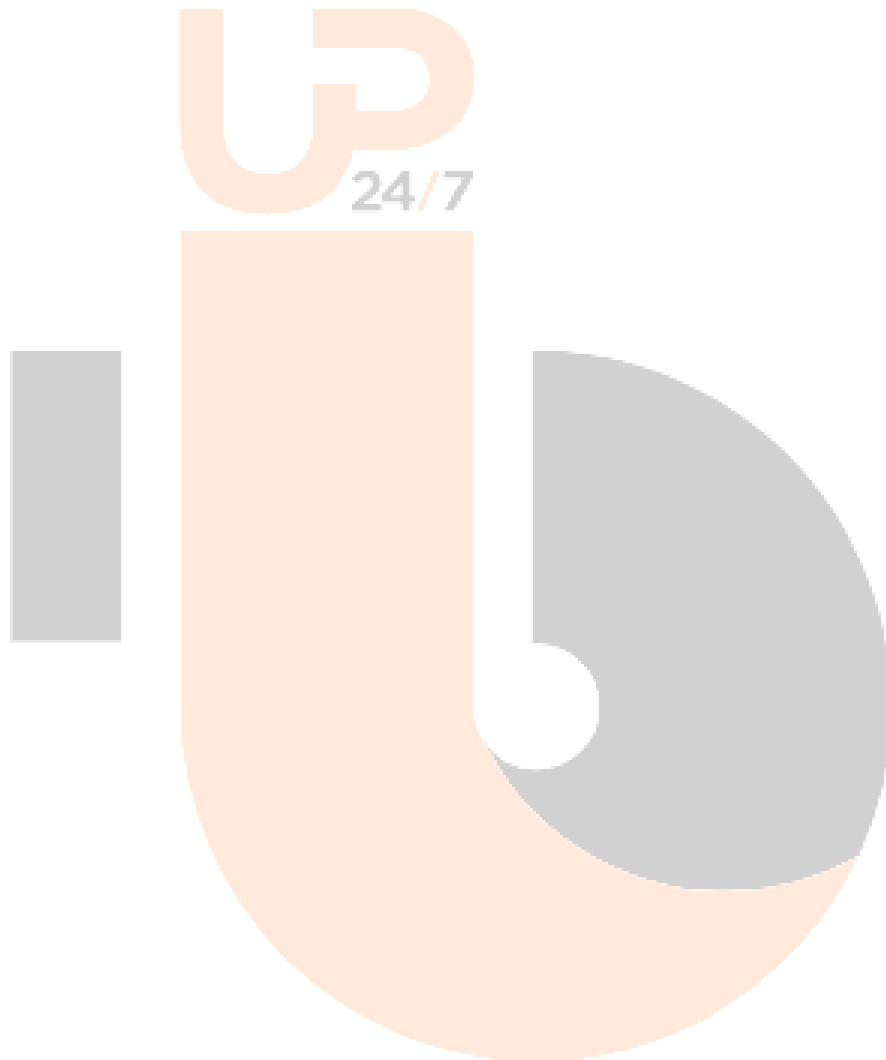


Table of Contents

1 Summary	1
2 Download and Install Backup247 Advanced Client (7B247PRO)	2
2.1 Find Download Link of Backup247 Advanced Client (B247PRO) Installer	2
2.2 Online Installation	3
2.2.1 Download Online Backup247 Advanced Client (B247PRO) Installer	3
2.2.2 Installing Backup247 Advanced Client (B247PRO)	4
2.3 Offline Installation	8
2.3.1 Download Offline Backup247 Advanced Client (B247PRO) Installer	8
2.3.2 Installing Backup247 Advanced Client (B247PRO)	9
3 Backup247 Advanced Client (B247PRO) Services Check	13
3.1 Method 1: Use PowerShell command Prompt	13
3.2 Method 2: Use GUI	14
4 Starting Backup247 Advanced Client (B247PRO)	15
4.1 Method 1: Start Backup247 Advanced Client (B247PRO) from link file in the desktop of the user	15
4.2 Method 2: Start Backup247 Advanced Client (B247PRO) from exe file in the bin of installation directory	15
4.3 Method 3: Start Backup247 Advanced Client (B247PRO) from RunCB.bat in installation directory	15
5 Technical Assistance	18
APPENDIX	19
Uninstall Backup247 Advanced Client (B247PRO)	19

1 Summary

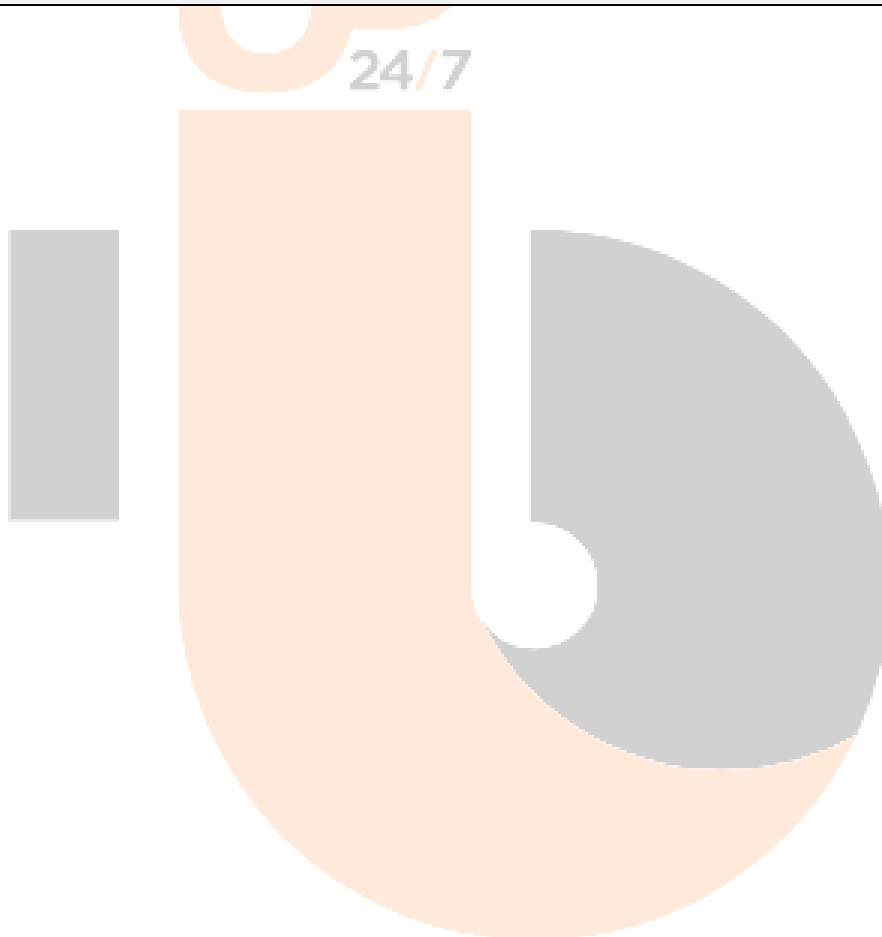
This guide is focused on the steps of how to download, install, start, and uninstall Backup247 Advanced Client (B247PRO) on Windows Server Core.

The examples used in the guide are Backup247 Advanced Client (B247PRO) installation on Windows Server 2016 Core, for a complete list of supported operating systems please refer to:

[FAQ: Backup247 Advanced Client \(B247PRO\) Software Compatibility List \(SCL\) for version 9.1 or above.](#)

NOTE

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




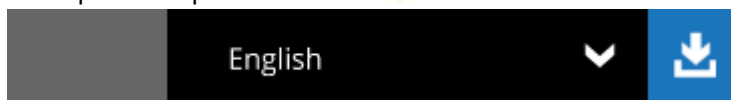
2 Download and Install Backup247 Advanced Client (B247PRO)

2.1 Find Download Link of Backup247 Advanced Client (B247PRO) Installer

If the Windows Server Core machine does not have a web browser installed, use the following steps on another machine with a web browser to obtain the latest download link so it can be used on the Windows Server Core machine.

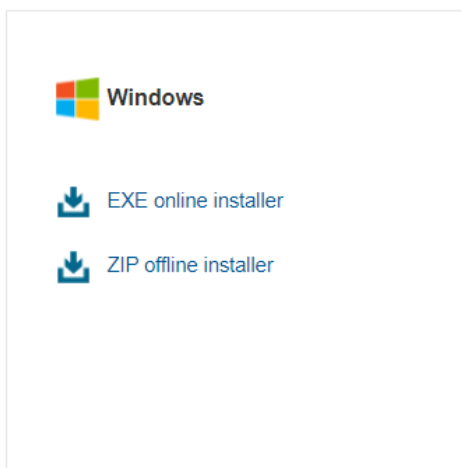
Otherwise, use the web browser on the Windows Server Core Machine to download the Backup247 Advanced Client (B247PRO) installer and follow the steps in [Chapter 2.2.2 Installing Backup247 Advanced Client \(B247PRO\) Online](#) or [Chapter 2.3.2 Installing Backup247 Advanced Client \(B247PRO\) Offline](#).

1. In a web browser, click the download  icon on the top right corner to open the download page for the Backup247 Advanced Client (B247PRO) installation package file from your backup service provider's website.

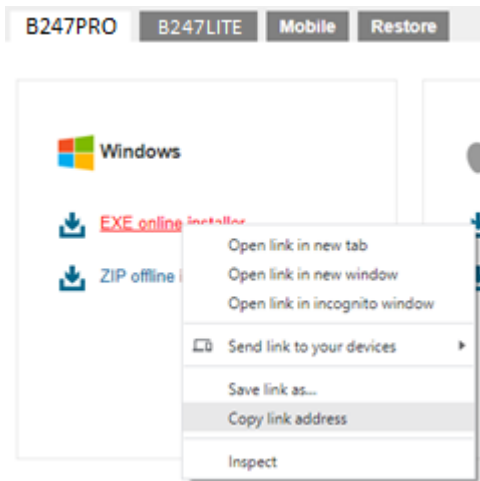


2. In the Backup247 Advanced Client (B247PRO) tab of the download page, choose the Backup247 Advanced Client (B247PRO) installer for Windows.

B247PRO **B247LITE** **Mobile** **Restore**



3. Right-click on the **EXE online installer** or **ZIP offline installer** link and select **Copy link address** to save the download link.



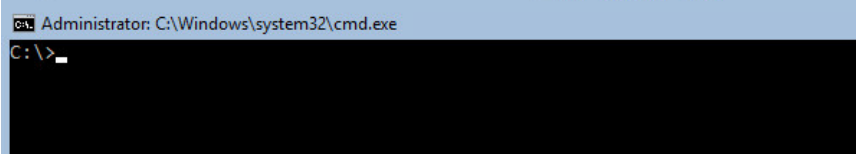
4. Use this download link in the Windows Server Core machine to download the latest Backup247 Advanced Client (B247PRO) package installer.

```
https://10.3.1.8/cbs/download/B247PRO-win-443-10.3.1.8-https-00.exe
```

2.2 Online Installation

2.2.1 Download Online Backup247 Advanced Client (B247PRO) Installer

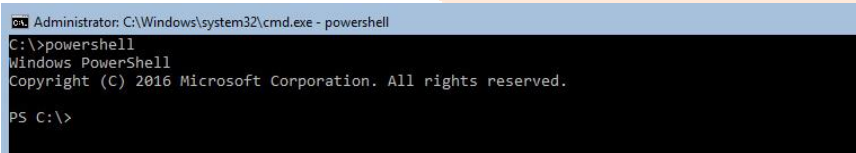
1. Login to the Windows server core, and start the command prompt



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 Backup247 Advanced Client (B247PRO) installer to Windows Server Core C:\temp folder

```
PS C:\>Invoke-WebRequest
http://YOUR_BACKUP_SERVER/cbs/download/B247PRO-win-80-
YOUR_BACKUP_SERVER-http-<OwnerID>0.exe -OutFile
'c:\temp\B247PRO-win-80-YOUR_BACKUP_SERVER-http-
<OwnerID>0.exe'
```

Example: *Invoke-WebRequest http://10.3.1.8/cbs/download/B247PRO-win-80-10.3.1.8-http-252120.exe -OutFile 'c:\temp\B247PRO-win-80-10.3.1.8-http-252120.exe'* (The Owner ID is 25212)

OR

```
PS C:\> Invoke-WebRequest
https://YOUR_BACKUP_SERVER/cbs/download/B247PRO-win-443-
YOUR_BACKUP_SERVER-https-<OwnerID>0.exe -OutFile
'c:\temp\B247PRO-win-443-YOUR_BACKUP_SERVER-https-
<OwnerID>0.exe'
```

Example: *Invoke-WebRequest https://10.3.1.8/cbs/download/B247PRO-win-443-10.3.1.8-https-252120.exe -OutFile 'c:\temp\B247PRO-win-443-10.3.1.8-https-252120.exe'* (The Owner ID is 25212)

NOTE

- You can download using both “*http*” or “*https*”, but *https* will not work with default Backup247 self-signed dummy certificate, so it is recommended to use *http* in this case.
- The above command will download the Backup247 Advanced Client (B247PRO) 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 Backup247 Advanced Client (B247PRO) installer downloaded, i.e. “*B247PRO-win-80-YOUR_BACKUP_SERVER-http-<OwnerID>0.exe*”.
- You can obtain the “<OwnerID>” value from the download page of Backup247CBS. It will be in the Synology installer part.



Synology

Please copy and paste the following URL information into the “URL” text field during installation

<https://10.90.10.14:443?ownerid=0>

- Aside from the IP address, “YOUR_BACKUP_SERVER” can also be the FQDN (hostname.domain.com) of either the primary Backup247CBS site or the sub-admin site.
- Another way to get the address to be used in downloading the installer is by opening another machine’s web browser to copy the link.
- Ports “80” and “443” are default HTTP and HTTPS ports, if custom connector ports are used then it should be replaced with the custom connector port.

4. During downloading of Backup247 Advanced Client (B247PRO) installer the following message will be displayed:

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

After completing the download of the Backup247 Advanced Client (B247PRO) online installer the screen above would disappear. Press **Enter** button to continue.

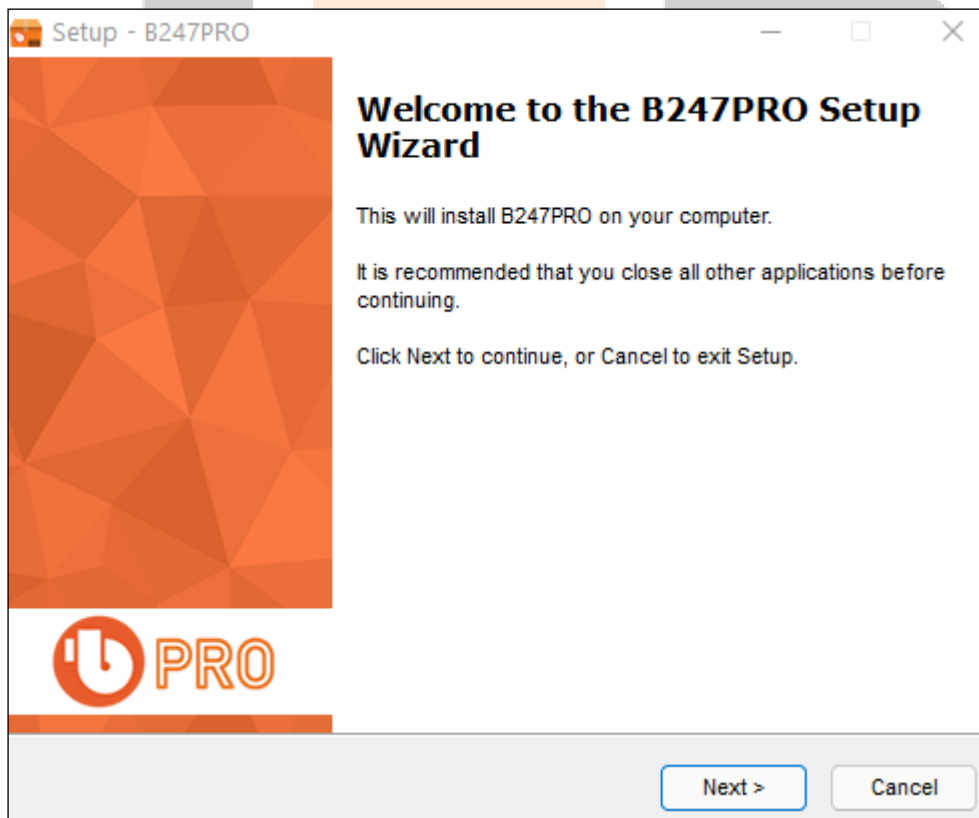
2.2.2 Installing Backup247 Advanced Client (B247PRO)

1. Use the following command to execute the installer:

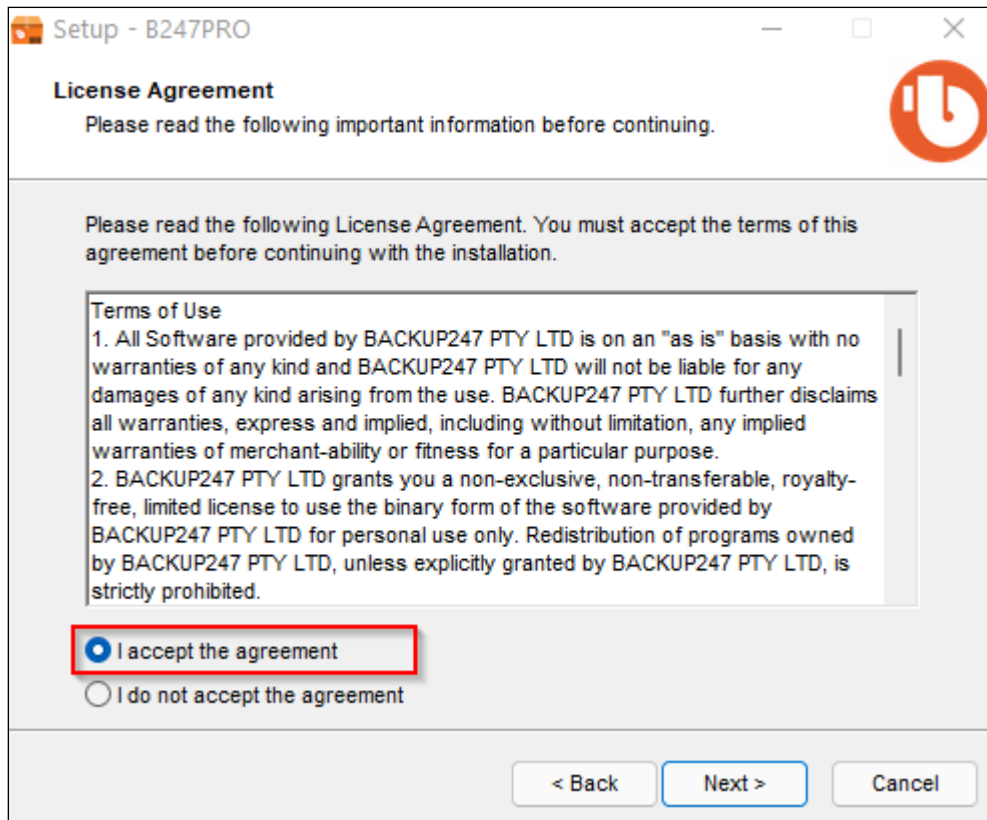
```
>C:\temp\B247PRO-win-80-YOUR_BACKUP_SERVER-http-  
<OwnerID>.exe  
  
Or  
  
>C:\temp\B247PRO-win-443-YOUR_BACKUP_SERVER-https-  
<OwnerID>.exe
```

Example: *B247PRO-win-443-10.3.1.8-https-252120.exe* or *B247PRO-win-80-10.3.1.8-http-252120.exe*

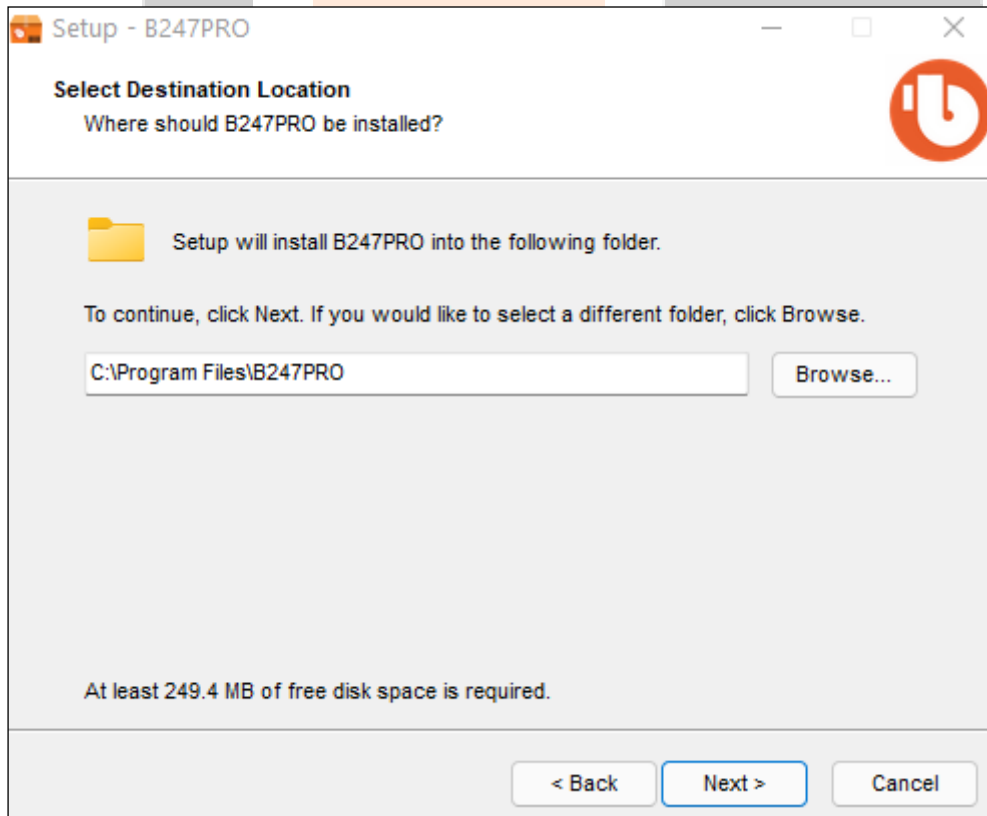
2. When the Backup247 Advanced Client (B247PRO) Setup Wizard is shown. Click **Next** to continue.



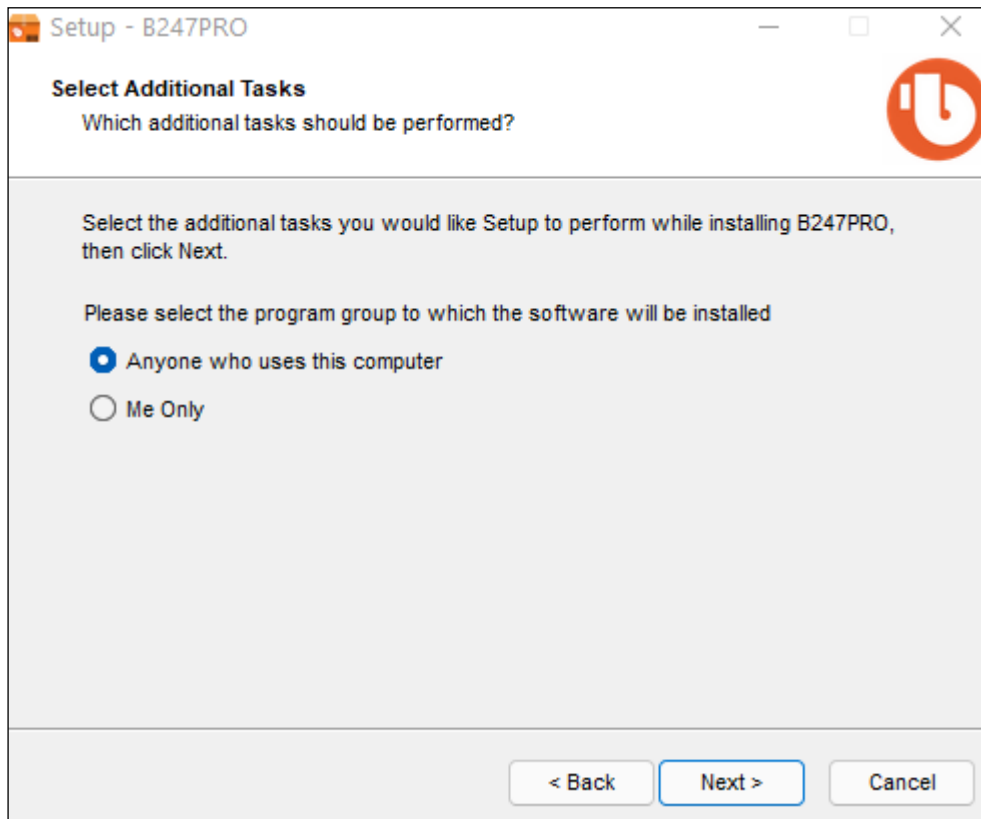
3. Select **"I accept the agreement"** after reading the license agreement. Then click **Next** to continue.



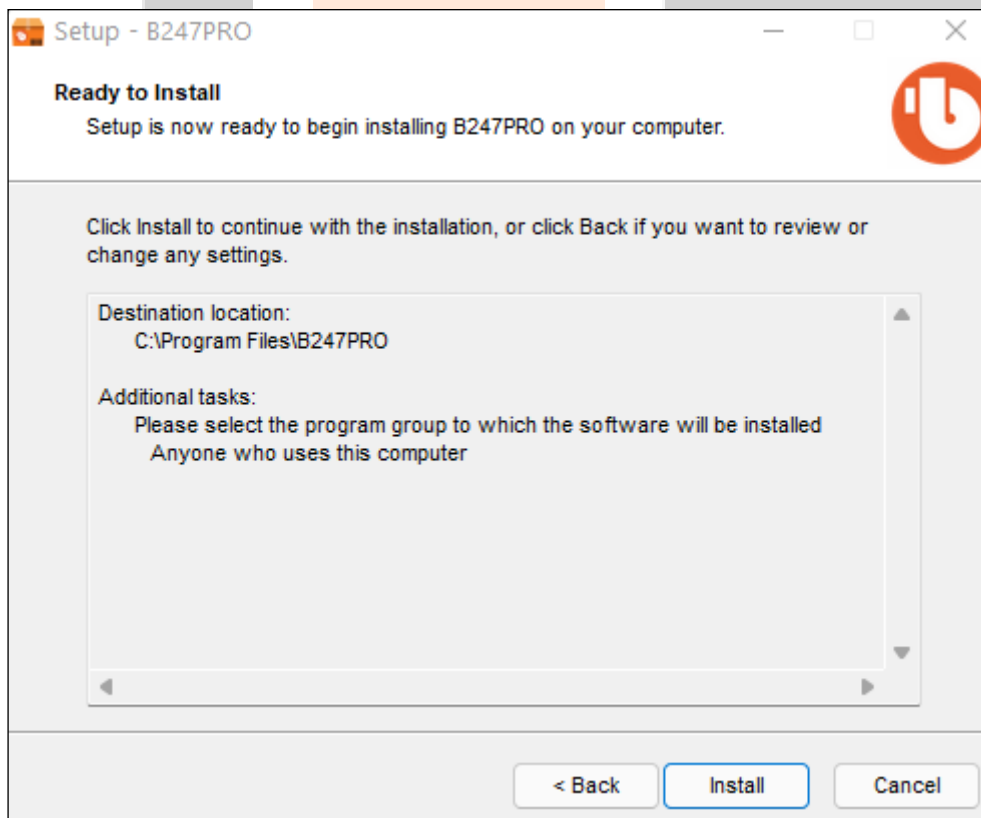
4. Choose the installation directory. Then click **Next** to continue.



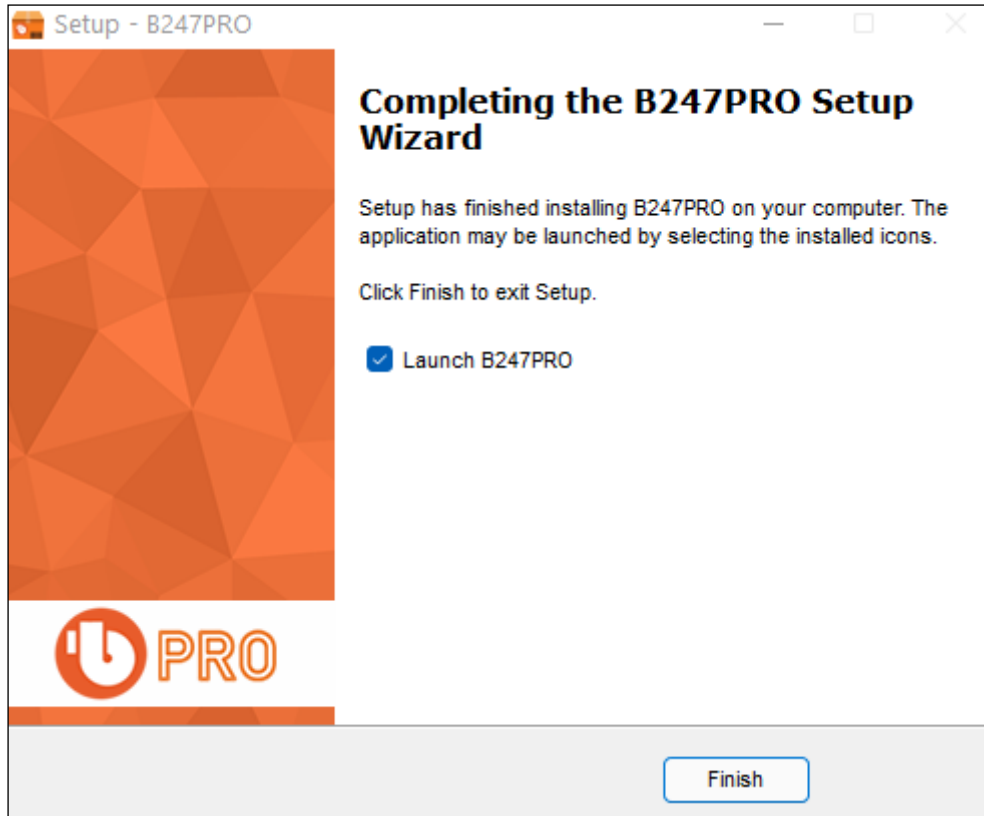
5. Select the B247PROgram group to which the software will be installed. Then click **Next** to continue.



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



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



NOTE

If the installation B247PROcess is smooth, clicking **Finish** with ticking "**Launch Backup247 Advanced Client (B247PRO)**" would complete the installation and start Backup247 Advanced Client (B247PRO) user interface directly.

2.3 Offline Installation

2.3.1 Download Offline Backup247 Advanced Client (B247PRO) Installer

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

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

2. Type in the following command to enter PowerShell.

```
C:\> powershell
```

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

```
Administrator: C:\Windows\system32\cmd.exe - powershell
C:\>powershell
Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. All rights reserved.
PS C:\>
```

3. Use the following command to download the offline Backup247 Advanced Client (B247PRO) installer to Windows Server Core C:\temp folder

```
PS C:\> Invoke-WebRequest  
http://YOUR_BACKUP_SERVER/cbs/download/B247PRO-win.zip  
-OutFile 'c:\temp\B247B247PRO-win.zip'
```

Example: *Invoke-WebRequest http://10.3.1.8/cbs/download/B247B247PRO-win.zip -OutFile 'c:\temp\B247PRO-win.zip'*

```
PS C:\> Invoke-WebRequest  
https://YOUR_BACKUP_SERVER/cbs/download/B247PRO-win.zip  
-OutFile 'c:\temp\B247B247PRO-win.zip'
```

Example: *Invoke-WebRequest https://10.3.1.8/cbs/download/B247B247PRO-win.zip -OutFile 'c:\temp\B247PRO-win.zip'*

NOTE

- You can download using both “*http*” or “*https*”, but *https* will not work with default Backup247 self-signed dummy certificate, so it is recommended to use *http* in this case.
- The above command will download the Backup247 Advanced Client (B247PRO) installer to the path of “*C:\temp*”.

4. During downloading of Backup247 Advanced Client (B247PRO) installer the following message will be displayed:

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

After completing the download of the Backup247 Advanced Client (B247PRO) offline installer, the screen above would disappear. Press **Enter** button to continue.

2.3.2 Installing Backup247 Advanced Client (B247PRO)

After the B247PRO-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\B247PRO-win.zip C:\temp\
```

2. Check the installation files are extracted.

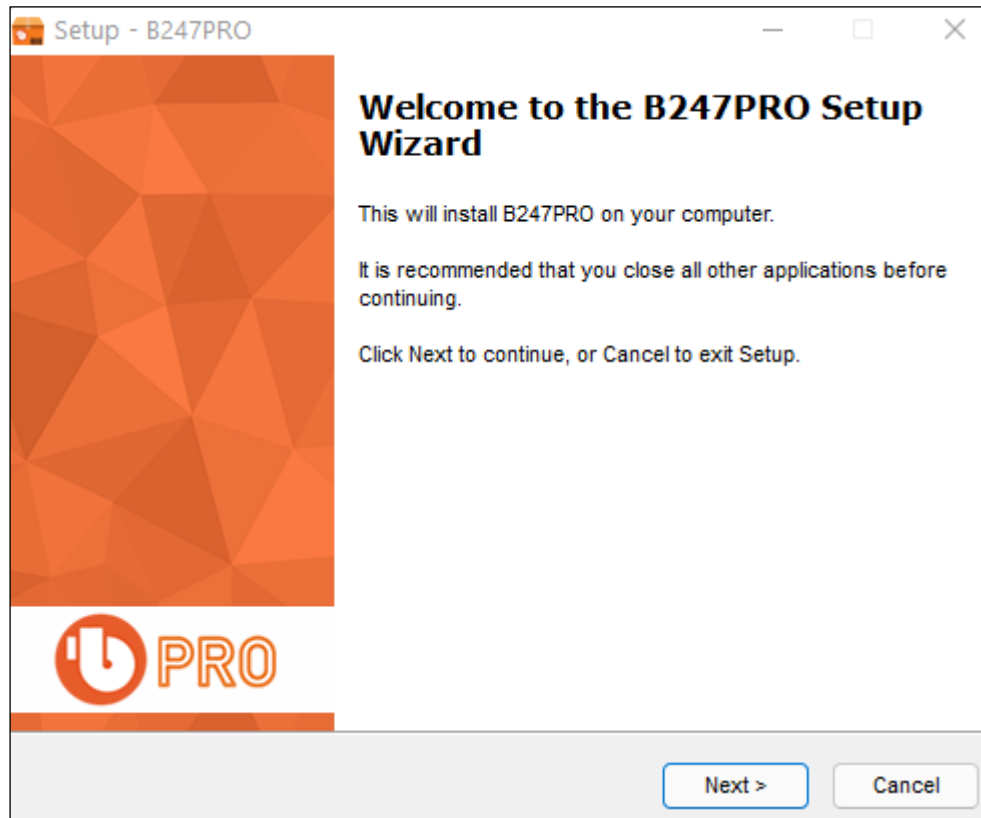
```
PS C:\> dir C:\temp  
  
Directory: C:\temp  
  
Mode                LastWriteTime         Length      Name  
----                -  
d----             7/10/2019   3:24 PM                app.pkg  
-a----             7/10/2019  11:36 AM         473888      B247PRO-win.exe  
-a----             7/10/2019  11:36 AM    70643765      B247PRO-win.zip
```



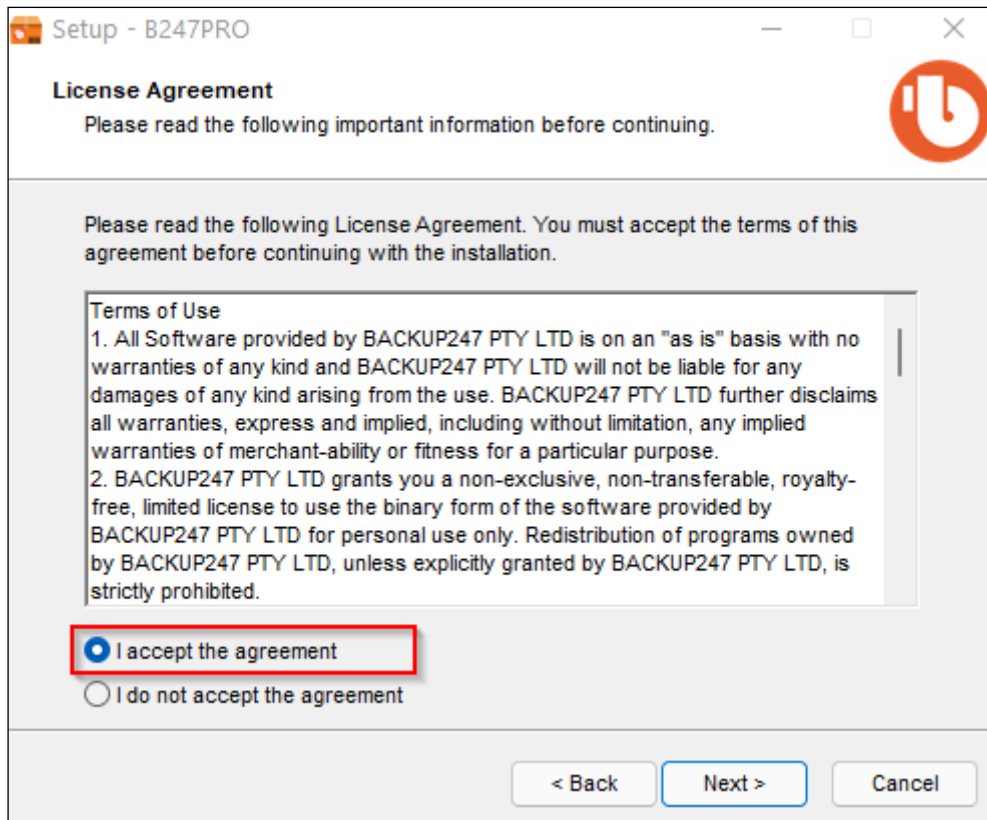
3. Use the following commands to execute the installer:

```
PS C:\> cd \temp  
PS C:\temp> .\B247PRO-win.exe
```

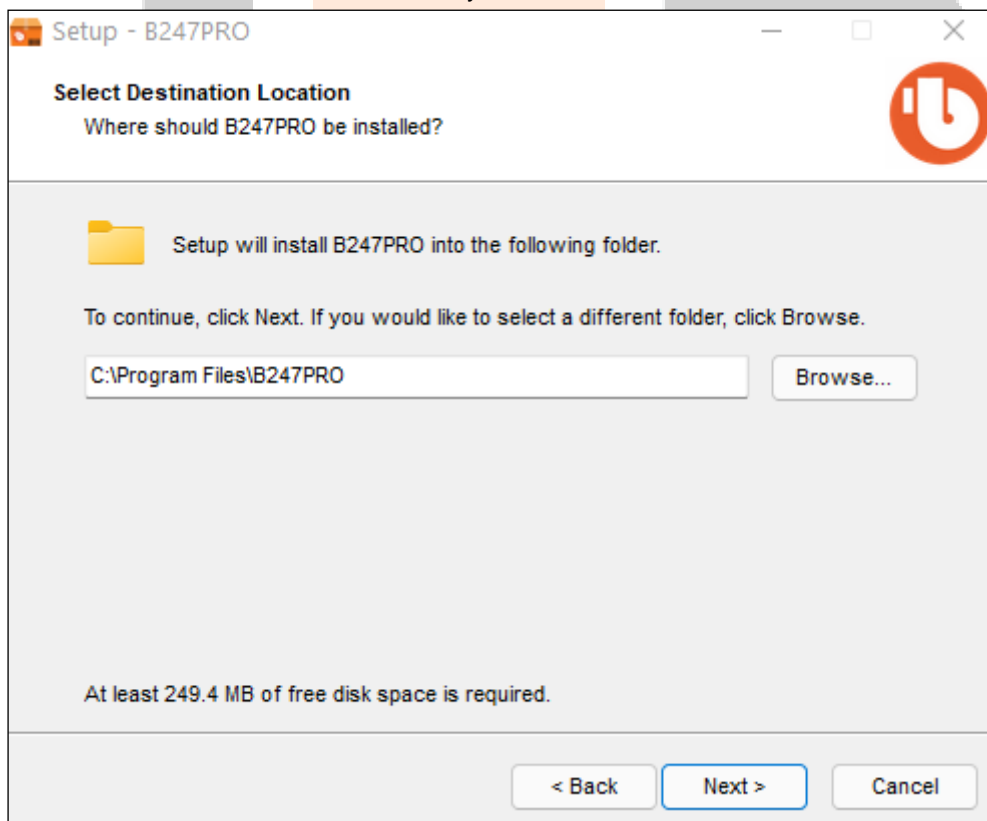
4. When the Backup247 Advanced Client (B247PRO) Setup Wizard is shown. Click **Next** to continue.



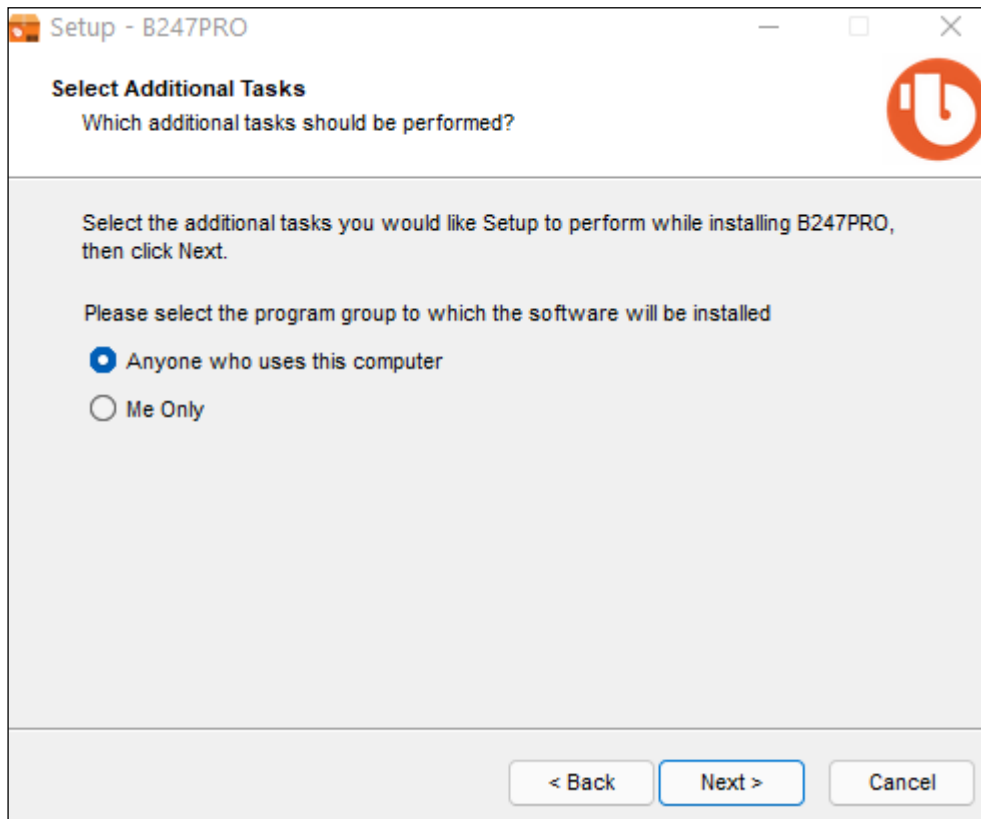
5. Select **"I accept the agreement"** after reading the license agreement. Then click **Next** to continue.



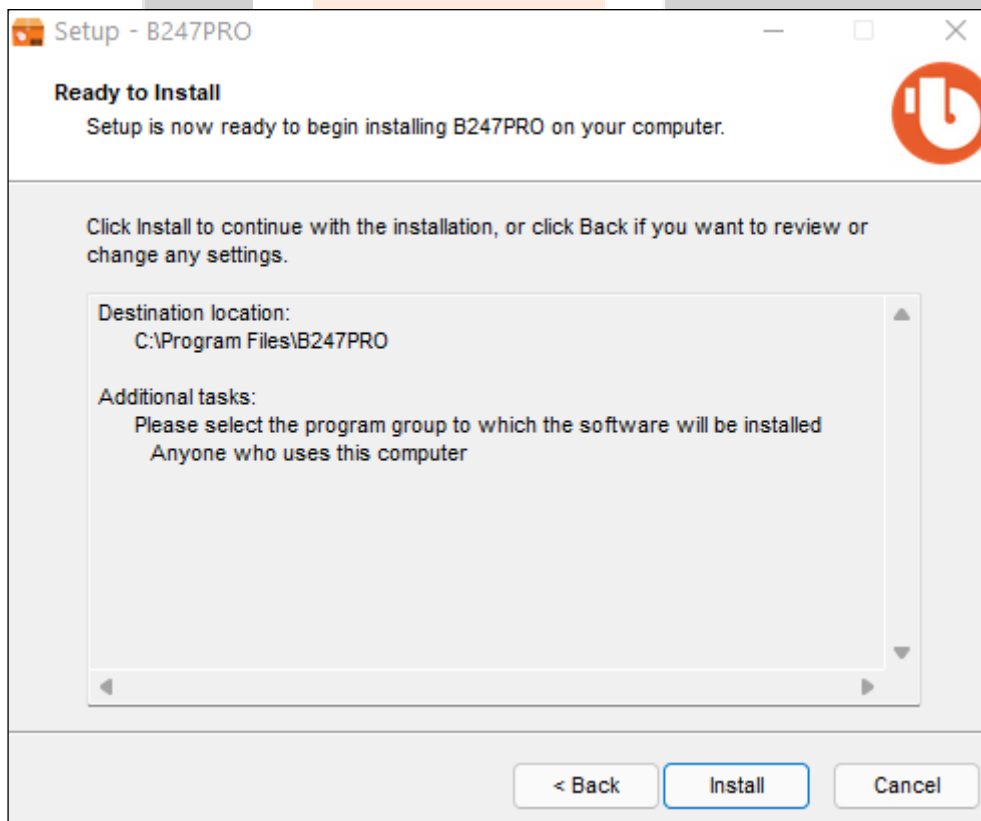
6. Choose the installation directory. Then click **Next** to continue.



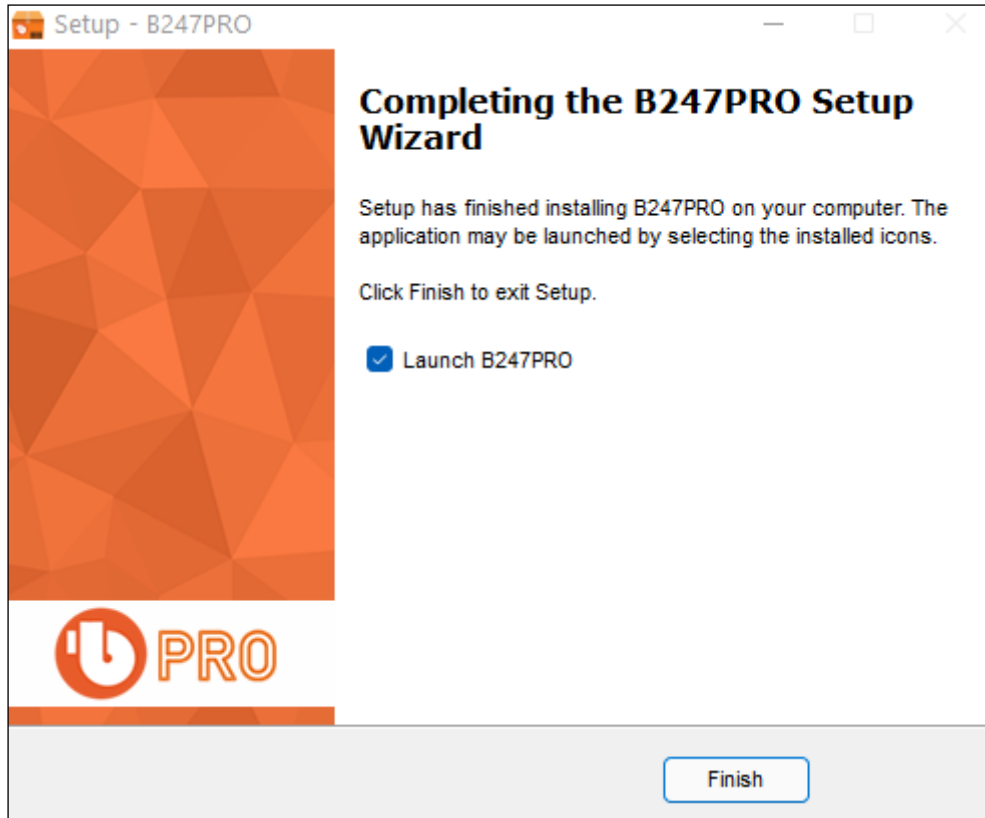
7. Select the Program group to which the software will be installed. Then click **Next** to continue.



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



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



NOTE

If the installation Process is smooth, clicking **Finish** with ticking "**Launch Backup247 Advanced Client (B247PRO)**" would complete the installation and start Backup247 Advanced Client (B247PRO) user interface directly.

3 Backup247 Advanced Client (B247PRO) Services Check

After installation, check whether “Backup247 Online Backup Manager Services” and “NFS Services (Backup247 Systems Corporation)” are running.

NOTE

- “OBScheduler” is used to kick automated or scheduled backup jobs, and “OBNfsServer” 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:

3.1 Method 1: Use PowerShell command Prompt

```
PS C:\> Get-Service -Name 'OBScheduler'
```

```
PS C:\temp> Get-Service -Name 'OBScheduler'
```

Status	Name	DisplayName
Running	OBScheduler	B247PRO Backup Manager Services

```
PS C:\> Get-Service -Name 'OBNfsServer'
```

```
PS C:\> Get-Service -Name 'OBNFsServer'
```

Status	Name	DisplayName
Running	OBNFsServer	NFS Service (B247PRO Systems Corporat...

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

```
PS C:\> Start-Service -Name 'OBScheduler'
```

```
PS C:\> Start-Service -Name 'OBNfsServer'
```

4 Starting Backup247 Advanced Client (B247PRO)

Then there are three methods to start Backup247 Advanced Client (B247PRO) on Windows server core using PowerShell.

4.1 Method 1: Start Backup247 Advanced Client (B247PRO) from link file in the desktop of the user

```
PS C:\> .\Users\Public\Desktop\Backup247 Advanced Client (B247PRO).lnk
```

4.2 Method 2: Start Backup247 Advanced Client (B247PRO) from exe file in the bin of installation directory

1. Change the directory to the `bin` folder of installation directory.

```
PS C:\> cd '..\Program Files\Backup247 Advanced Client (B247PRO)\bin\'
```

2. 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
```

4.3 Method 3: Start Backup247 Advanced Client (B247PRO) from RunCB.bat in installation directory

1. Change the directory to the `bin` folder of installation directory.

```
PS C:\> cd '..\Program Files\Backup247 Advanced Client (B247PRO)\bin\'
```

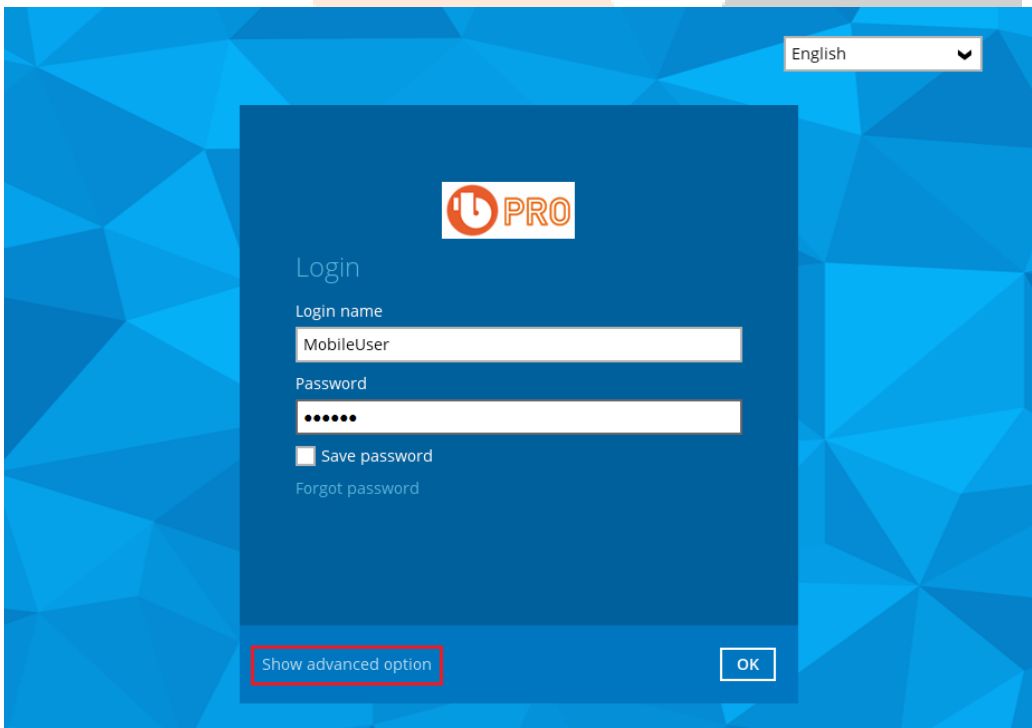
2. Run `RunCB.bat` to startup Backup247 Advanced Client (B247PRO).

```
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.

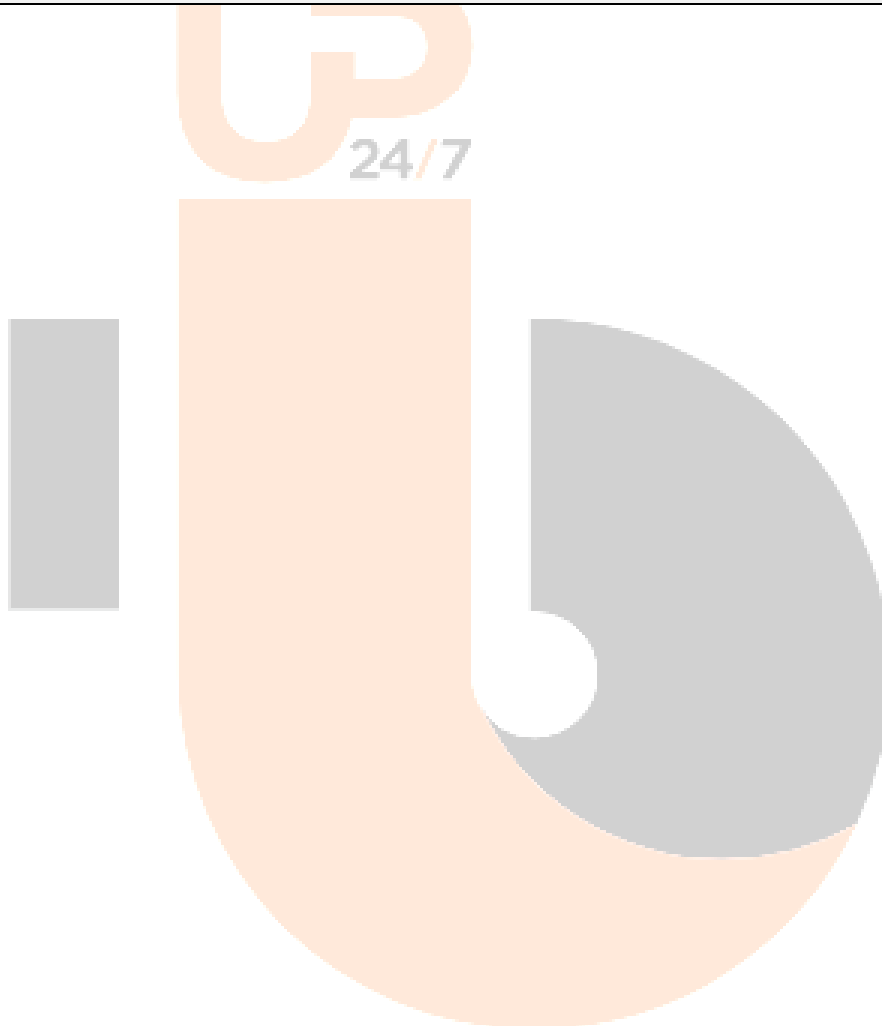
```
Administrator: C:\Windows\system32\cmd.exe - powershell - powershell - powershell  
PS C:\Program Files\AhsayOBM\bin>  
PS C:\Program Files\AhsayOBM\bin>  
PS C:\Program Files\AhsayOBM\bin>  
PS C:\Program Files\AhsayOBM\bin>  
PS C:\Program Files\AhsayOBM\bin>  
PS C:\Program Files\AhsayOBM\bin>  
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 Backup247 Advanced Client (B247PRO). Any time when you close the new prompt, Backup247 Advanced Client (B247PRO) user interface will be shut down.
- Once done using Backup247 Advanced Client (B247PRO), you can close the prompt for RunCB.bat to quit Backup247 Advanced Client (B247PRO) user interface, or you can close Backup247 Advanced Client (B247PRO) 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.



5 Technical Assistance

To contact Backup247 support representatives for technical assistance, visit our website
<https://backup247.com.au/Support.php>

