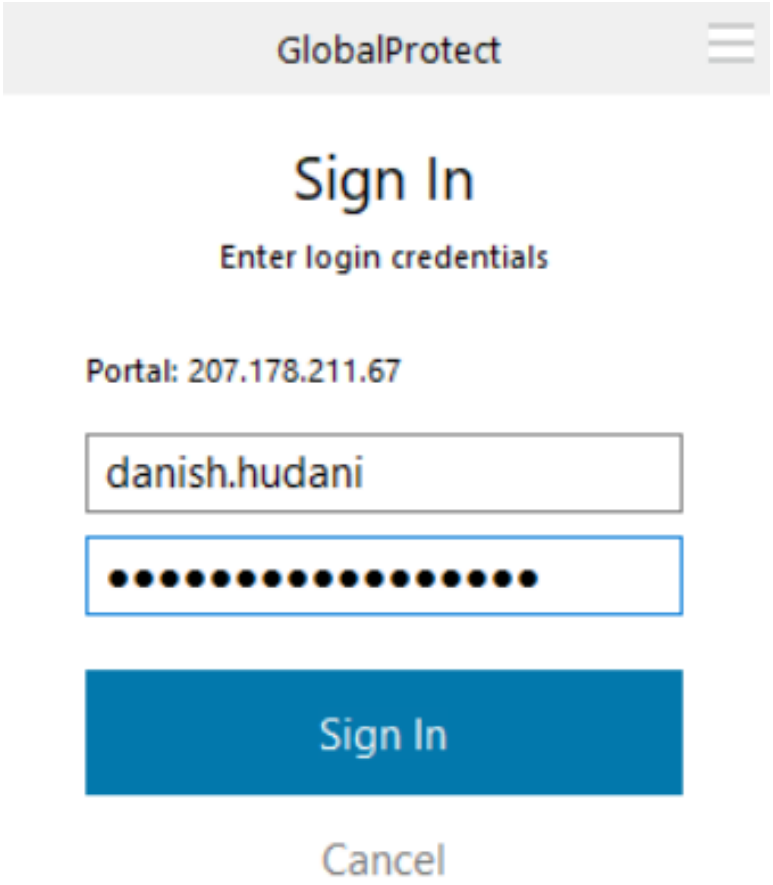
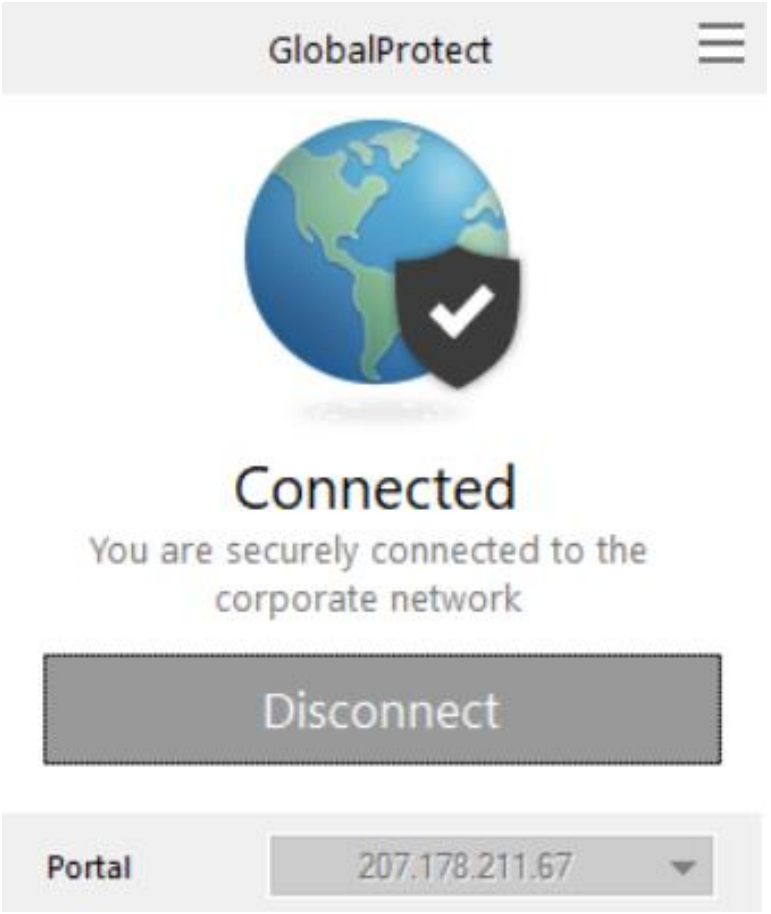
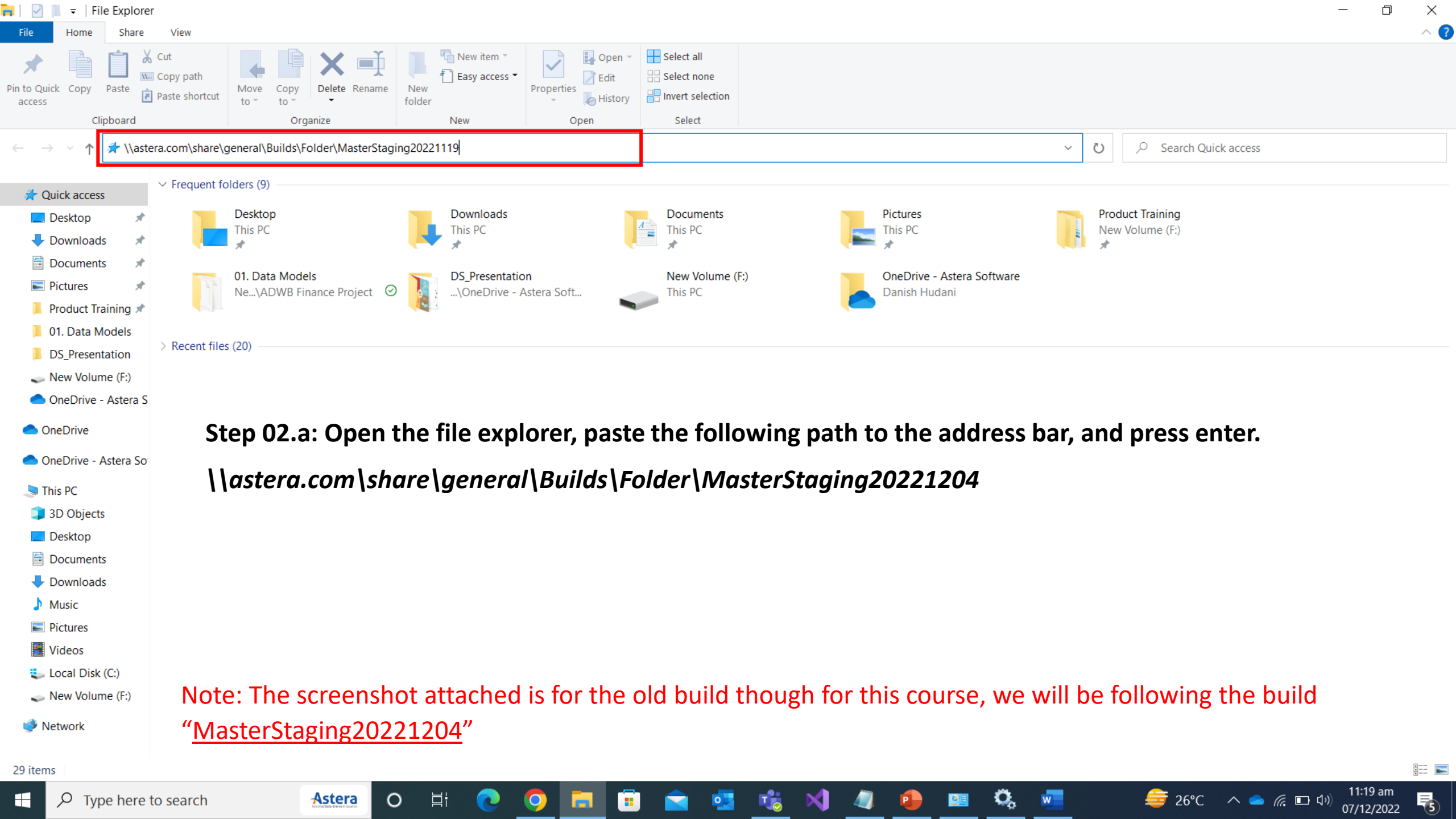
Analytics Workbench Installation

Step 01: Connect to GlobalProtect using your credential with the following IP: **207.178.211.67**





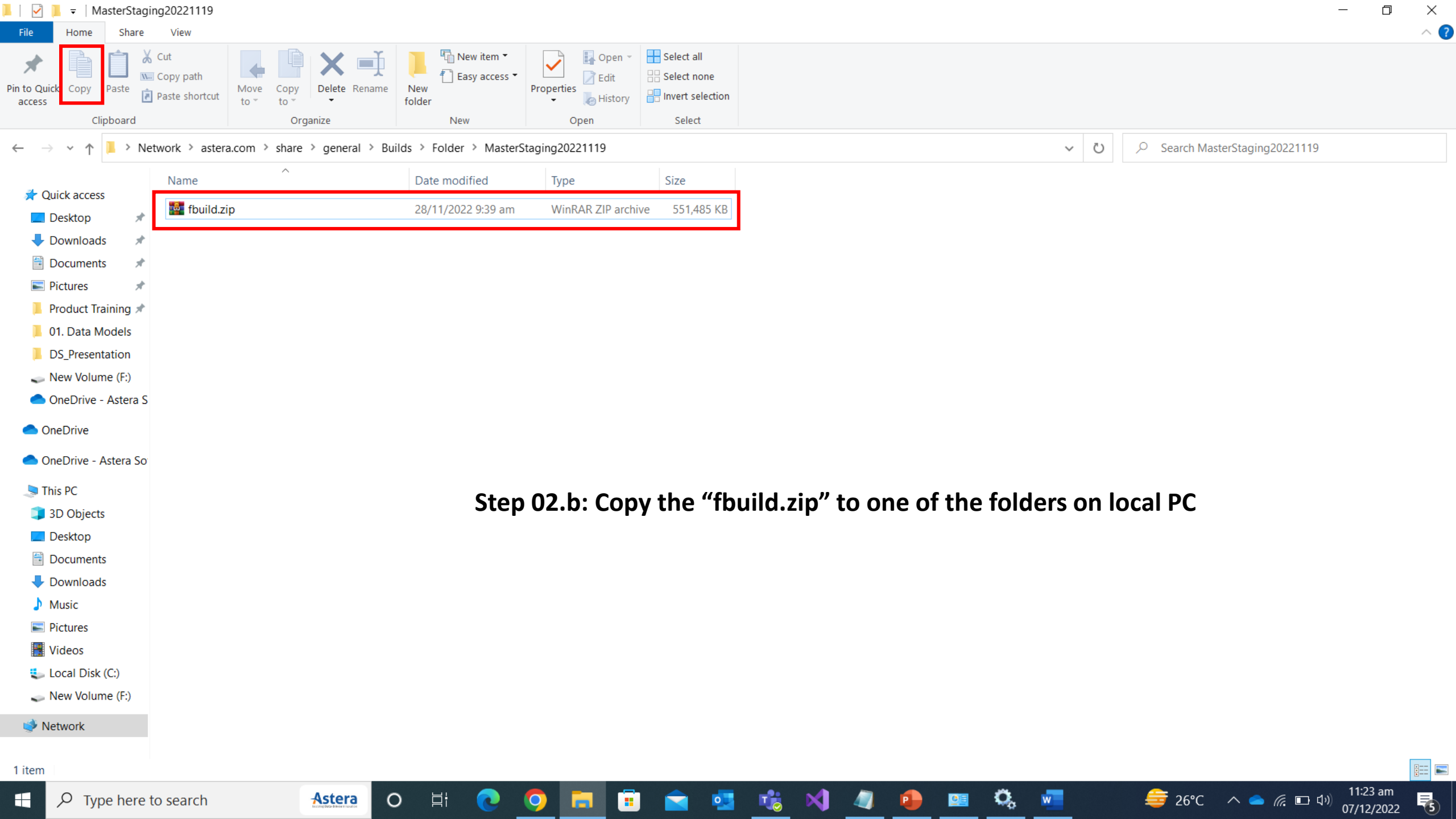
Step 02: Copying **“fbuild.zip”** to the folder on your local PC

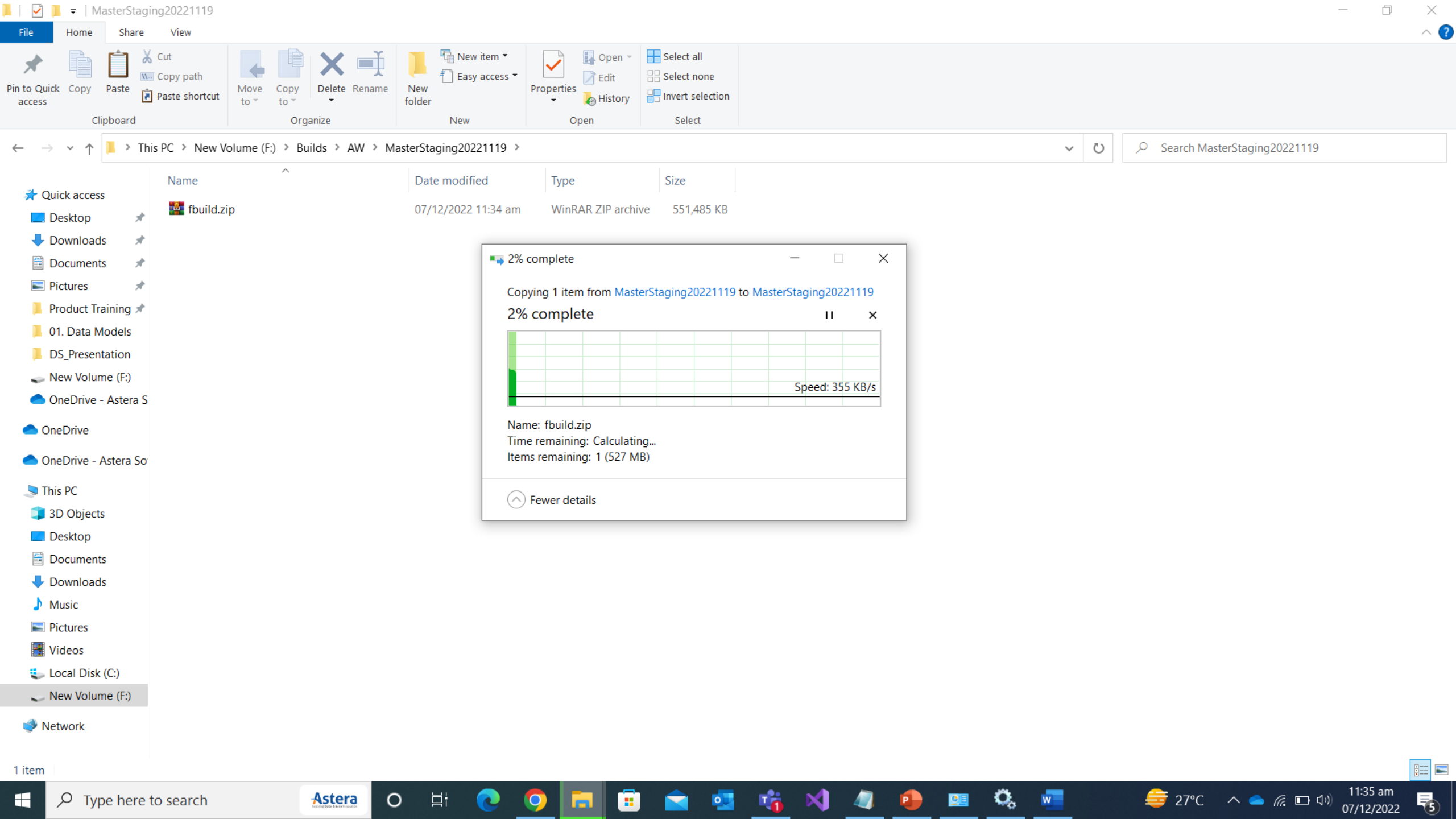


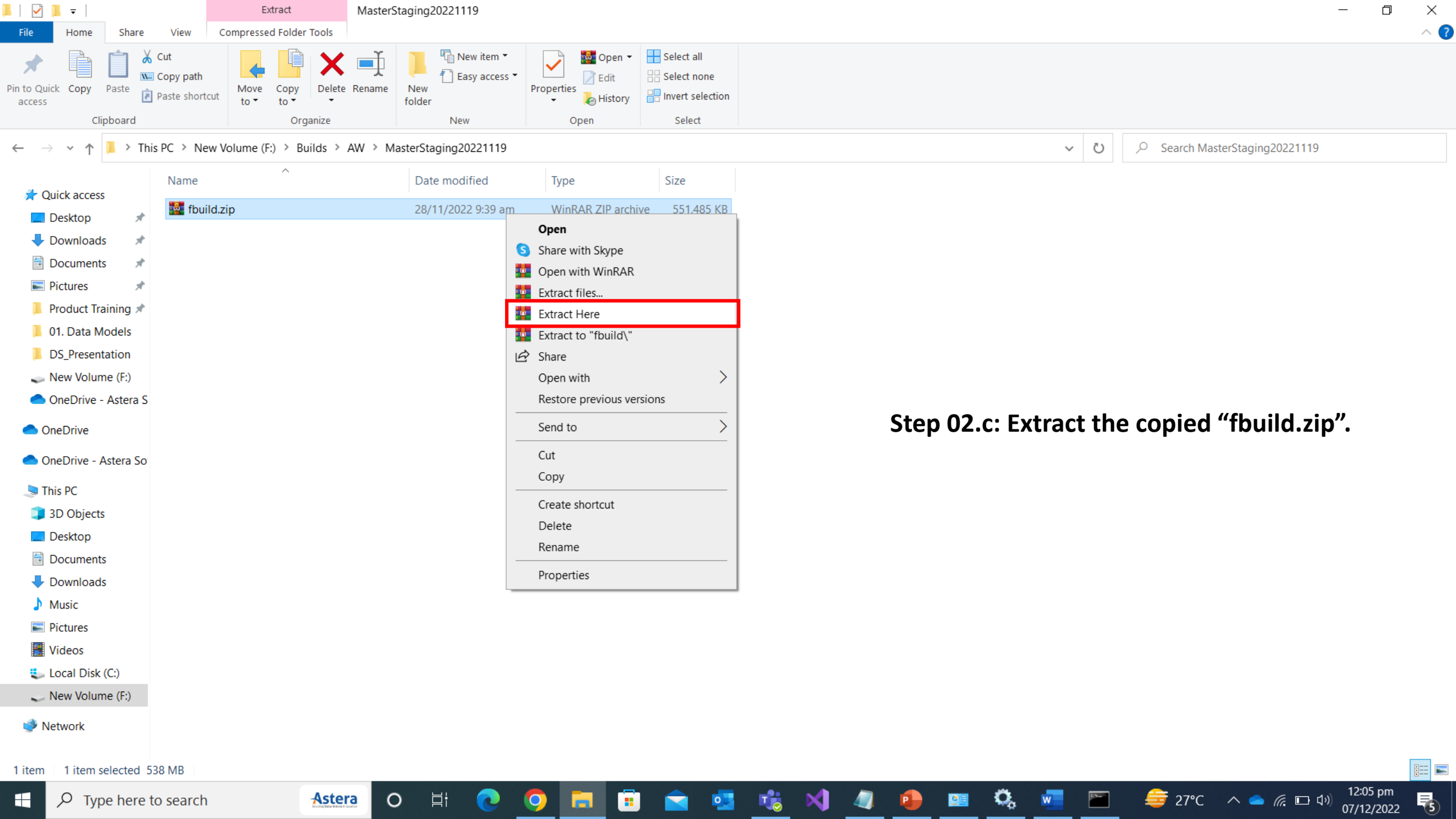
Step 02.a: Open the file explorer, paste the following path to the address bar, and press enter.

\\astera.com\share\general\Builds\Folder\MasterStaging20221204

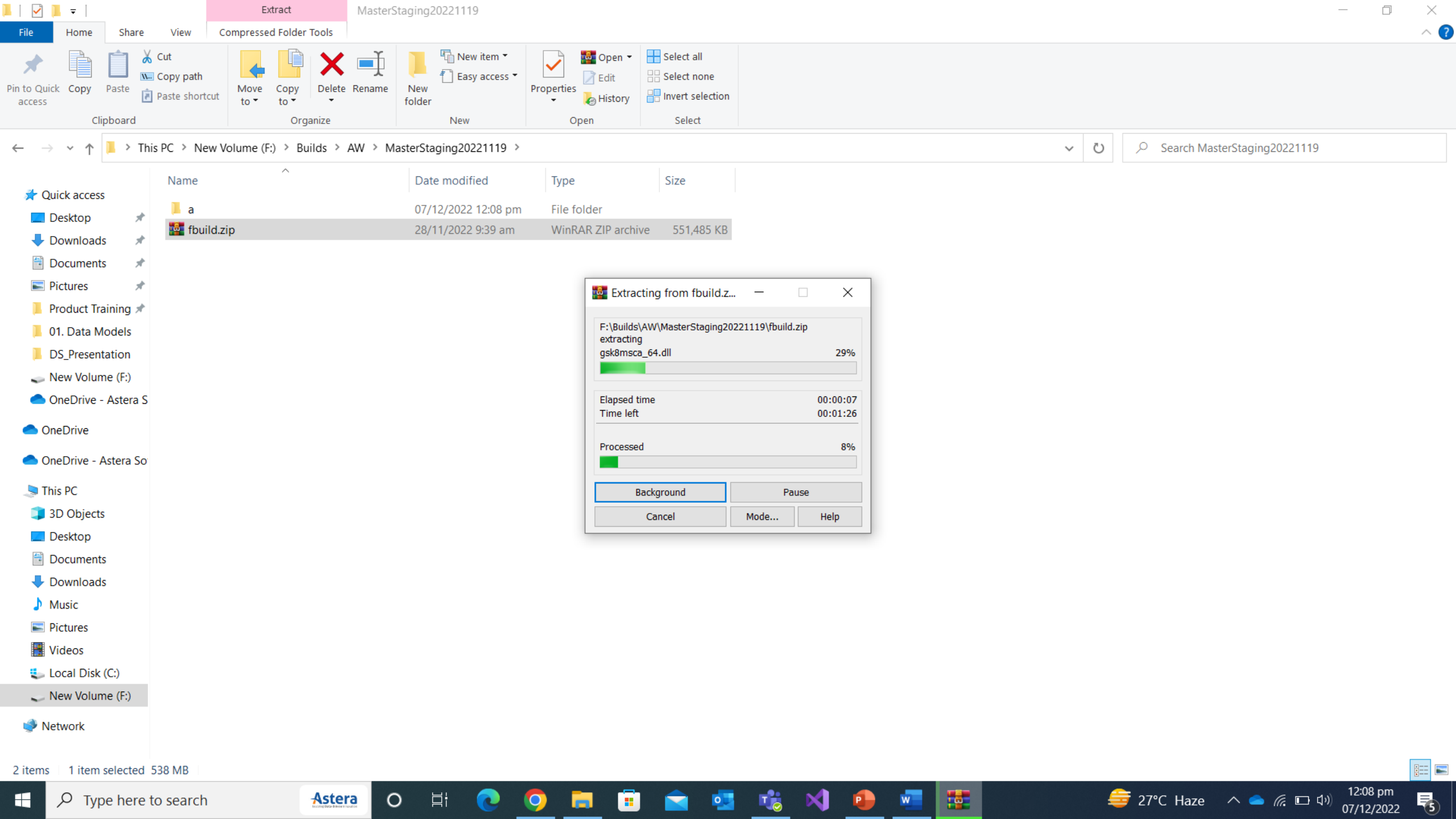
Note: The screenshot attached is for the old build though for this course, we will be following the build "MasterStaging20221204"


MasterStaging20221119
File
Home
Share
View
Pin to Quick access
Copy
Paste
Cut
Copy path
Paste shortcut
Clipboard
Move to
Copy to
Delete
Rename
Organize
New folder
New item
Easy access
New
Properties
Open
Edit
History
Open
Select all
Select none
Invert selection
Select
Network
astera.com
share
general
Builds
Folder
MasterStaging20221119
Search MasterStaging20221119
Name
Date modified
Type
Size
fbuild.zip
28/11/2022 9:39 am
WinRAR ZIP archive
551,485 KB
Quick access
Desktop
Downloads
Documents
Pictures
Product Training
01. Data Models
DS_Presentation
New Volume (F:)
OneDrive - Astera S
OneDrive
OneDrive - Astera So
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
New Volume (F:)
Network
1 item
Step 02.b: Copy the “fbuild.zip” to one of the folders on local PC
Type here to search
Astera
26°C
11:23 am
07/12/2022

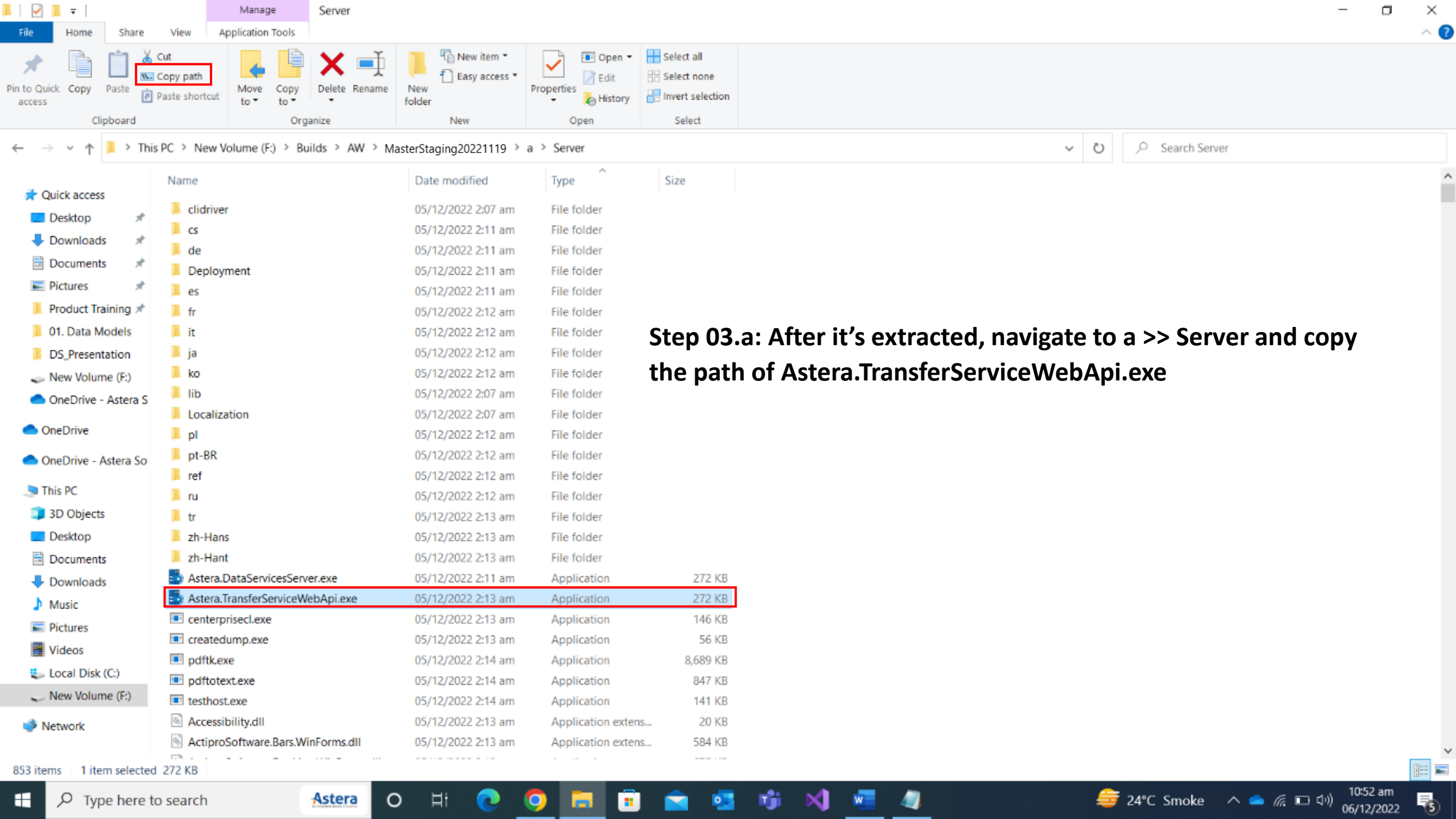

MasterStaging20221119
File
Home
Share
View
Pin to Quick access
Copy
Paste
Cut
Copy path
Paste shortcut
Clipboard
Move to
Copy to
Delete
Rename
Organize
New folder
New item
Easy access
New
Properties
Open
Edit
History
Open
Select all
Select none
Invert selection
Select
This PC
New Volume (F:)
Builds
AW
MasterStaging20221119
Search MasterStaging20221119
Name
Date modified
Type
Size
fbuild.zip
07/12/2022 11:34 am
WinRAR ZIP archive
551,485 KB
Quick access
Desktop
Downloads
Documents
Pictures
Product Training
01. Data Models
DS_Presentation
New Volume (F:)
OneDrive - Astera S
OneDrive
OneDrive - Astera So
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
New Volume (F:)
Network
2% complete
Copying 1 item from MasterStaging20221119 to MasterStaging20221119
2% complete
Speed: 355 KB/s
Name: fbuild.zip
Time remaining: Calculating...
Items remaining: 1 (527 MB)
Fewer details
1 item
Type here to search
Astera
27°C
11:35 am
07/12/2022



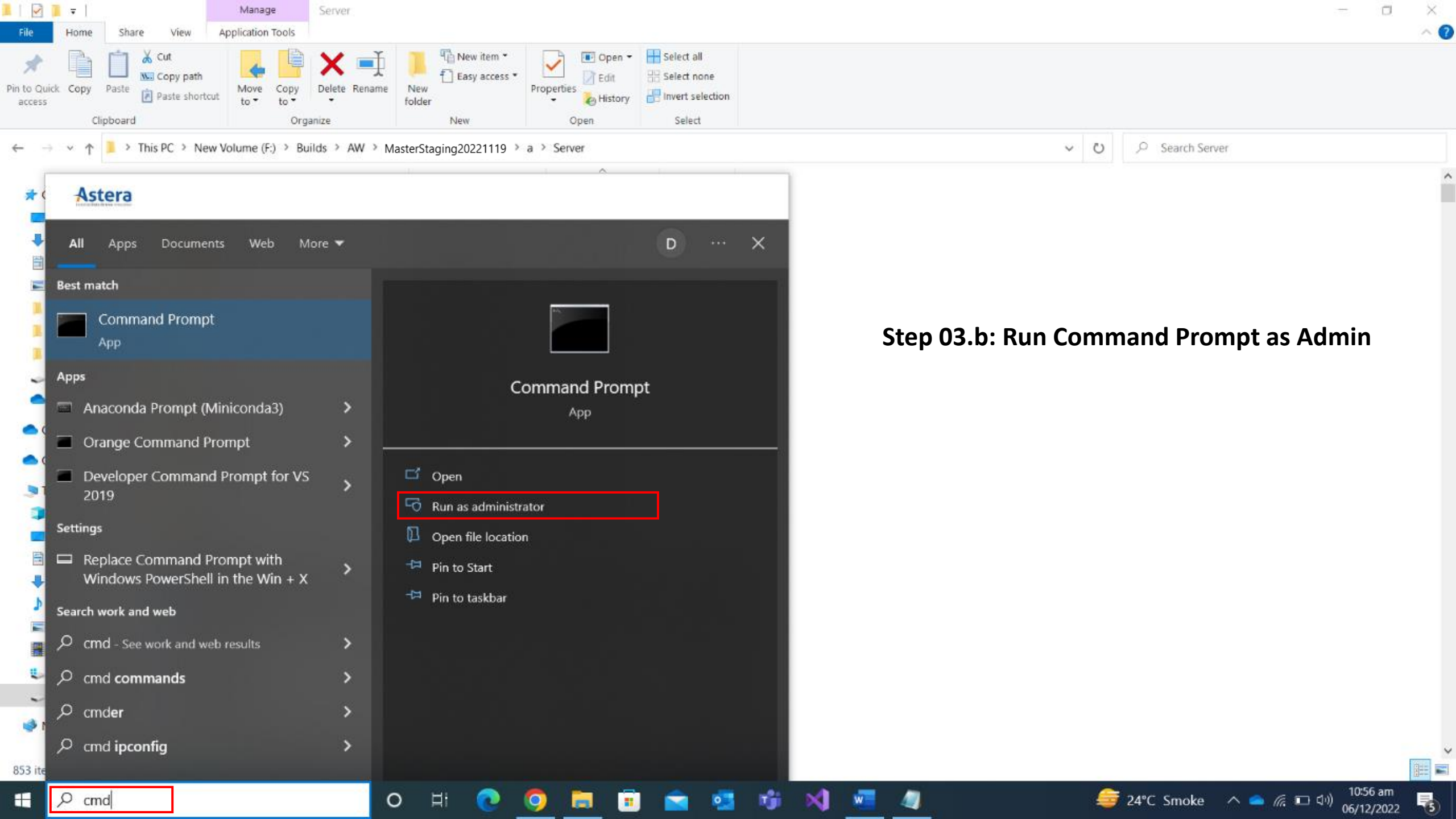
Step 02.c: Extract the copied “fbuild.zip”.


Extract
MasterStaging20221119
File
Home
Share
View
Compressed Folder Tools
Pin to Quick access
Copy
Paste
Cut
Copy path
Paste shortcut
Clipboard
Move to
Copy to
Delete
Rename
Organize
New folder
New item
Easy access
New
Properties
Open
Edit
History
Open
Select all
Select none
Invert selection
Select
This PC
New Volume (F:)
Builds
AW
MasterStaging20221119
Search MasterStaging20221119
Name
Date modified
Type
Size
a
07/12/2022 12:08 pm
File folder
fbuild.zip
28/11/2022 9:39 am
WinRAR ZIP archive
551,485 KB
Quick access
Desktop
Downloads
Documents
Pictures
Product Training
01. Data Models
DS_Presentation
New Volume (F:)
OneDrive - Astera S
OneDrive
OneDrive - Astera So
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
New Volume (F:)
Network
Extracting from fbuild.z...
F:\Builds\AW\MasterStaging20221119\fbuild.zip
extracting
gsk8msca_64.dll
29%
Elapsed time
00:00:07
Time left
00:01:26
Processed
8%
Background
Pause
Cancel
Mode...
Help
2 items
1 item selected 538 MB
Type here to search
Astera
27°C Haze
12:08 pm
07/12/2022

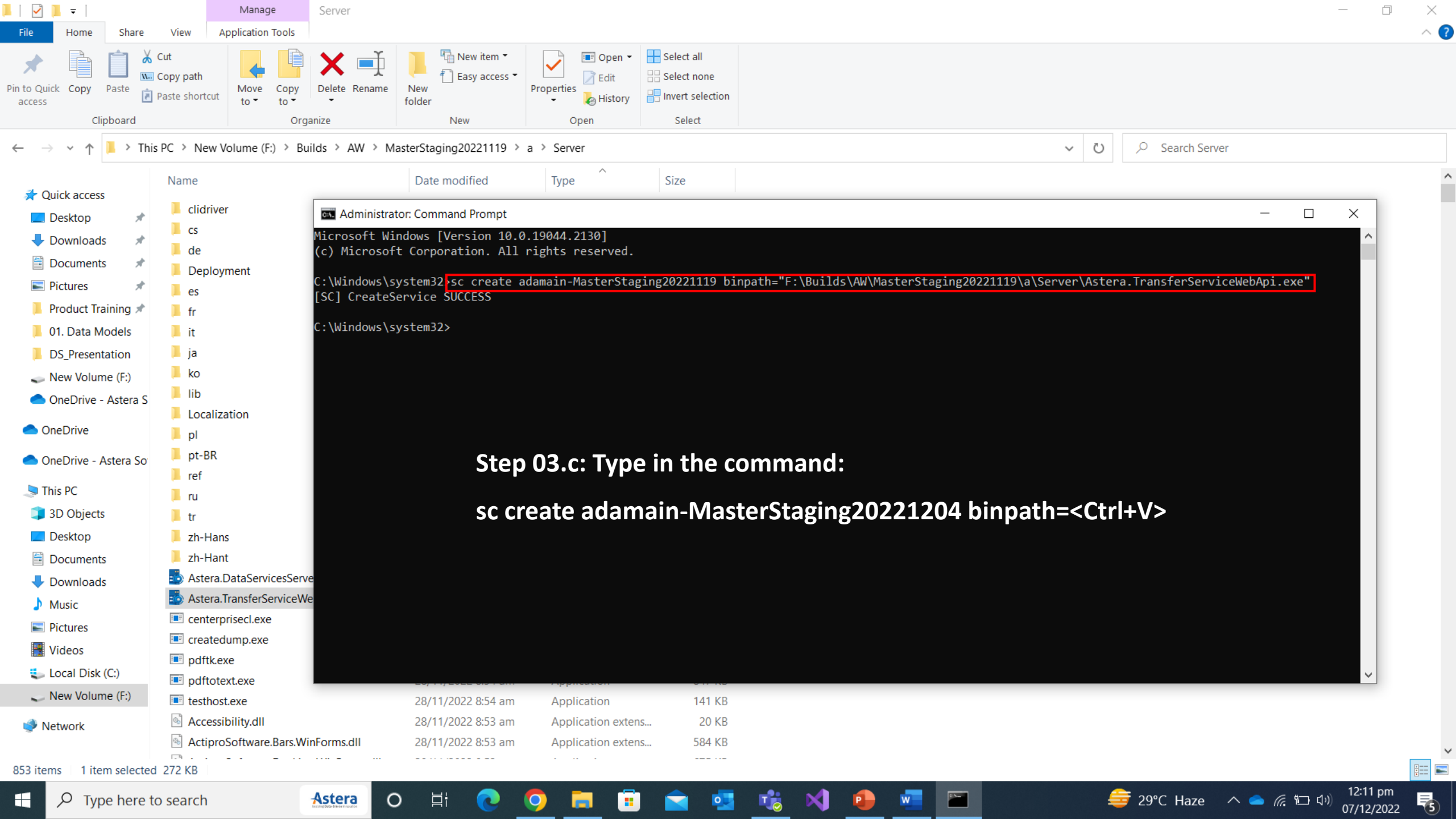
Step 03: Creating Service

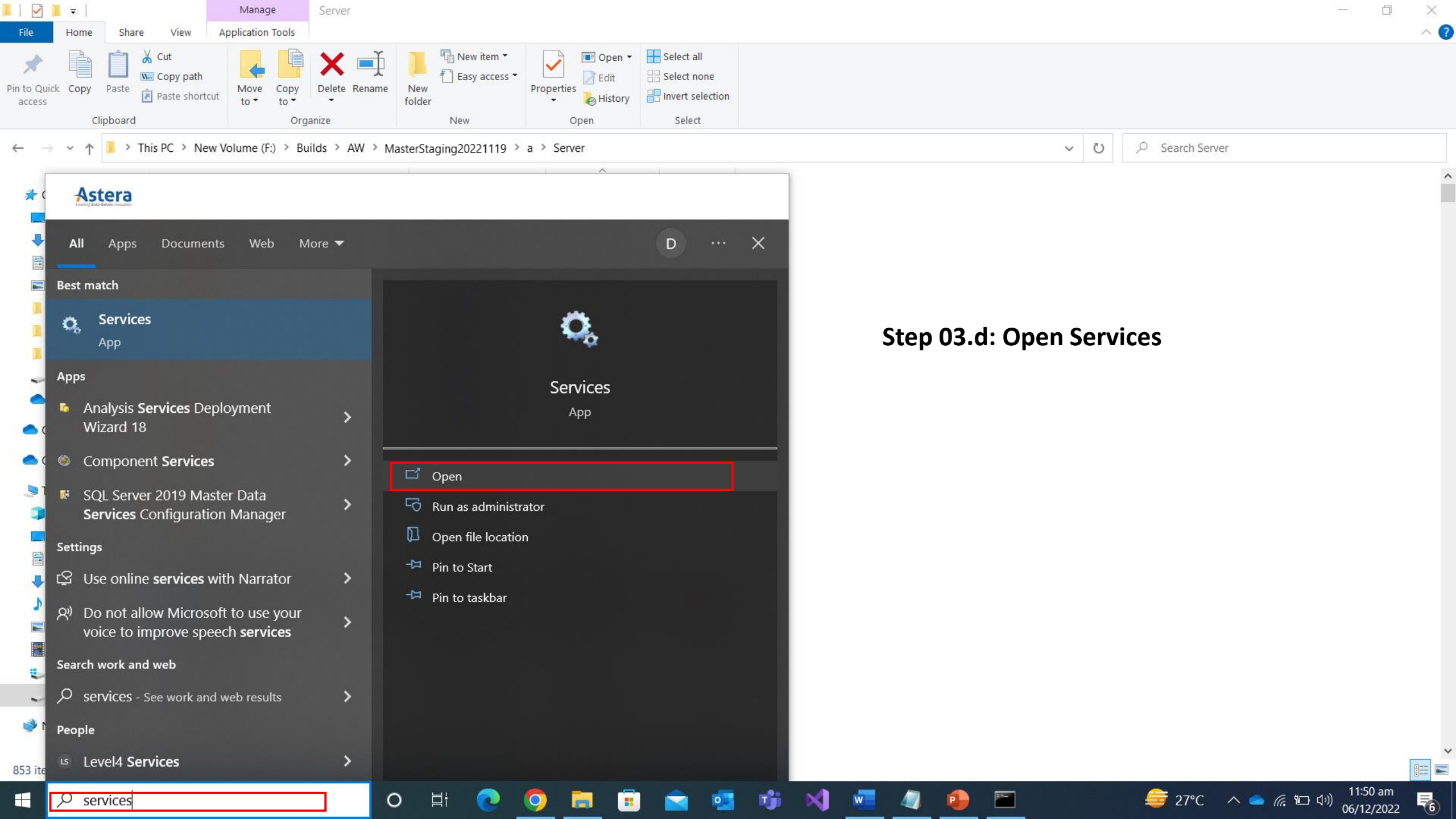


Step 03.a: After it's extracted, navigate to a >> Server and copy the path of Astera.TransferServiceWebApi.exe

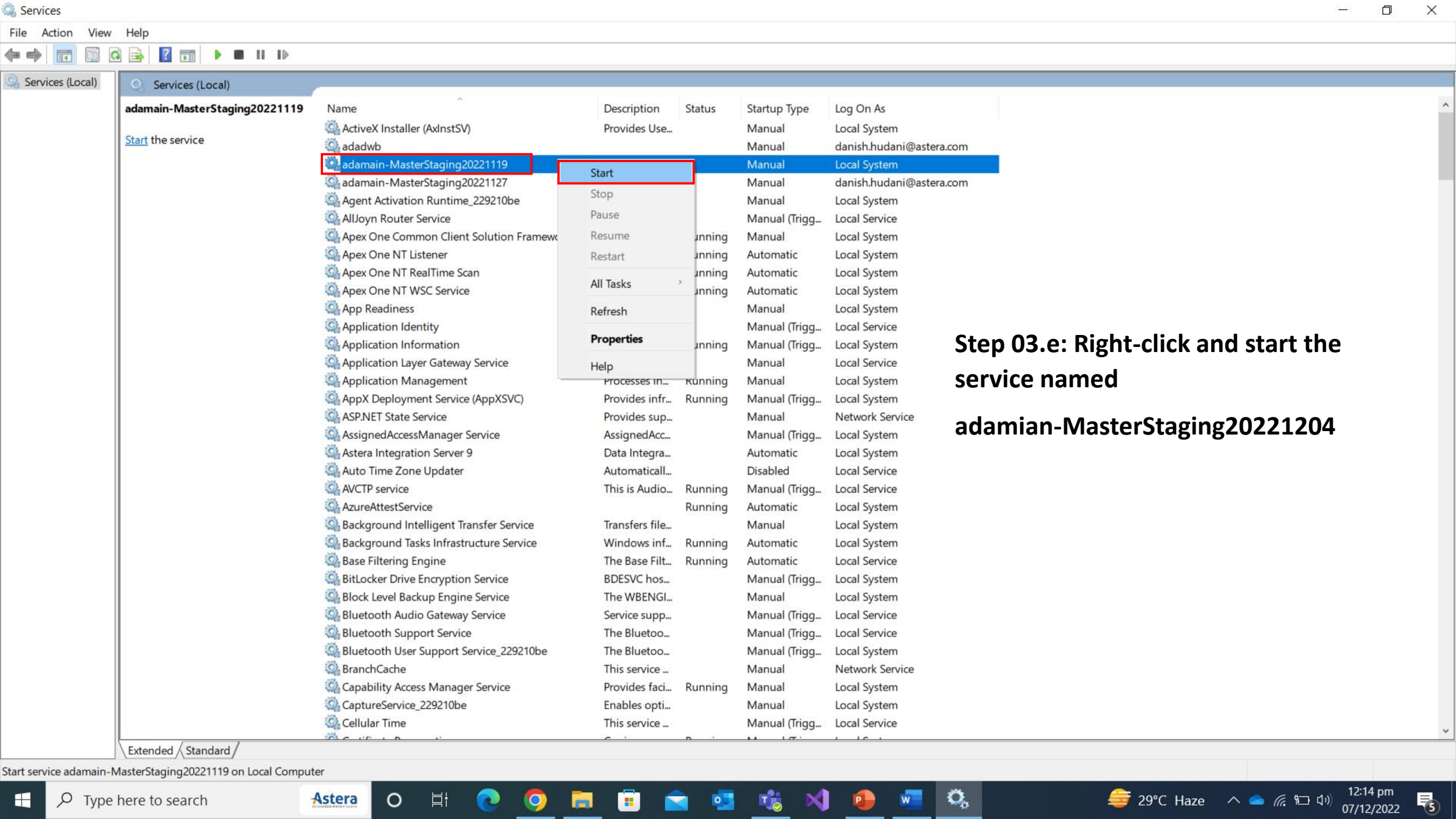


Step 03.b: Run Command Prompt as Admin


Manage
Server
File
Home
Share
View
Application Tools
Pin to Quick access
Copy
Paste
Cut
Copy path
Paste shortcut
Clipboard
Move to
Copy to
Delete
Rename
Organize
New folder
New item
Easy access
New
Properties
Open
Edit
History
Open
Select all
Select none
Invert selection
Select
This PC > New Volume (F:) > Builds > AW > MasterStaging20221119 > a > Server
Search Server
Name
Date modified
Type
Size
Quick access
Desktop
Downloads
Documents
Pictures
Product Training
01. Data Models
DS_Presentation
New Volume (F:)
OneDrive - Astera S
OneDrive
OneDrive - Astera So
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
New Volume (F:)
Network
clidriver
cs
de
Deployment
es
fr
it
ja
ko
lib
Localization
pl
pt-BR
ref
ru
tr
zh-Hans
zh-Hant
Astera.DataServicesServe
Astera.TransferServiceWe
centerprisecl.exe
createdump.exe
pdftk.exe
pdftotext.exe
testhost.exe
28/11/2022 8:54 am
Application
141 KB
Accessibility.dll
28/11/2022 8:53 am
Application extens...
20 KB
ActiproSoftware.Bars.WinForms.dll
28/11/2022 8:53 am
Application extens...
584 KB
Administrator: Command Prompt
Microsoft Windows [Version 10.0.19044.2130]
(c) Microsoft Corporation. All rights reserved.
C:\Windows\system32>sc create adamain-MasterStaging20221119 binpath="F:\Builds\AW\MasterStaging20221119\a\Server\Astera.TransferServiceWebApi.exe"
[SC] CreateService SUCCESS
C:\Windows\system32>
Step 03.c: Type in the command:
sc create adamain-MasterStaging20221204 binpath=<Ctrl+V>
853 items
1 item selected 272 KB
Type here to search
Astera
29°C Haze
12:11 pm
07/12/2022

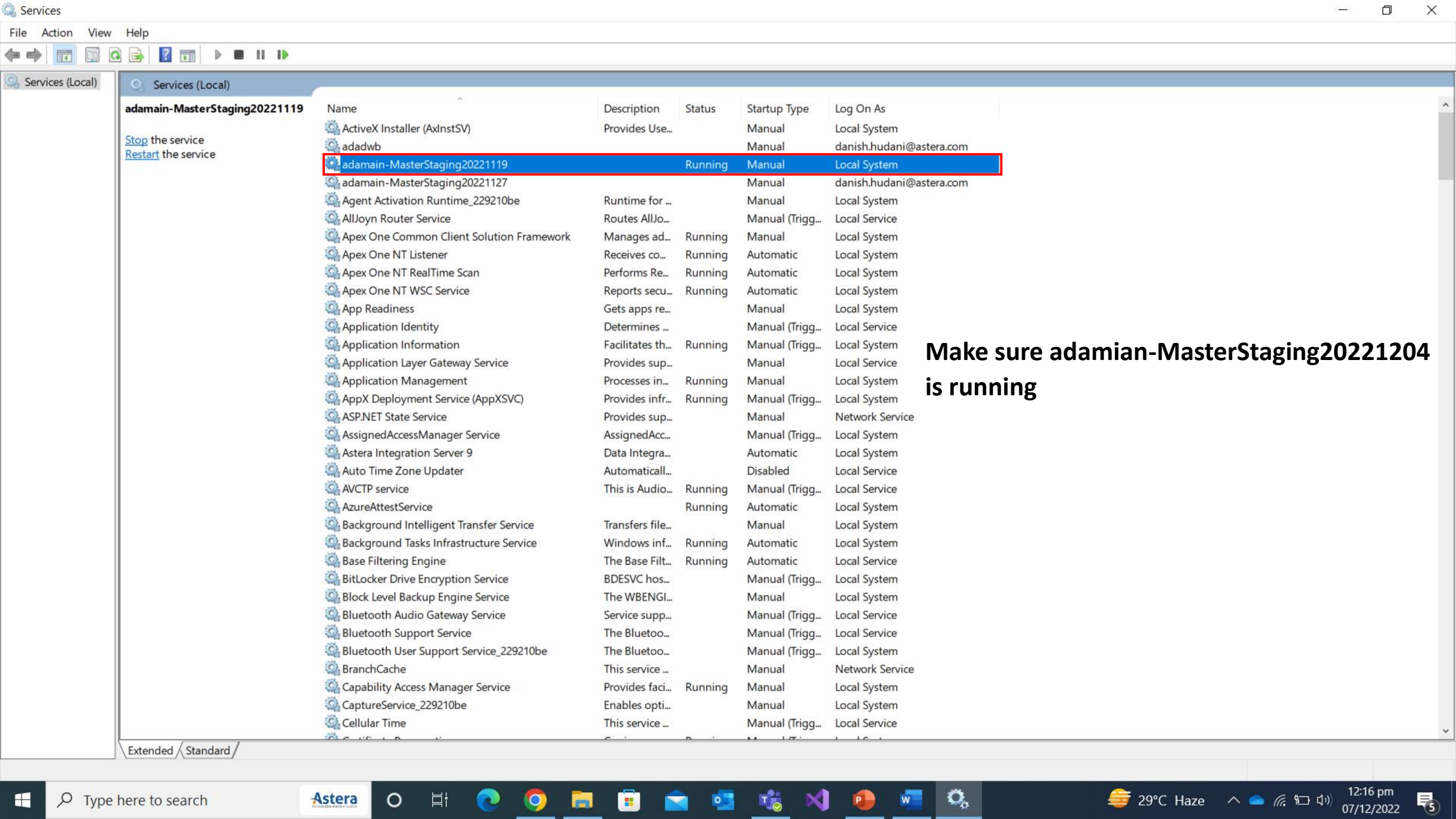


Step 03.d: Open Services

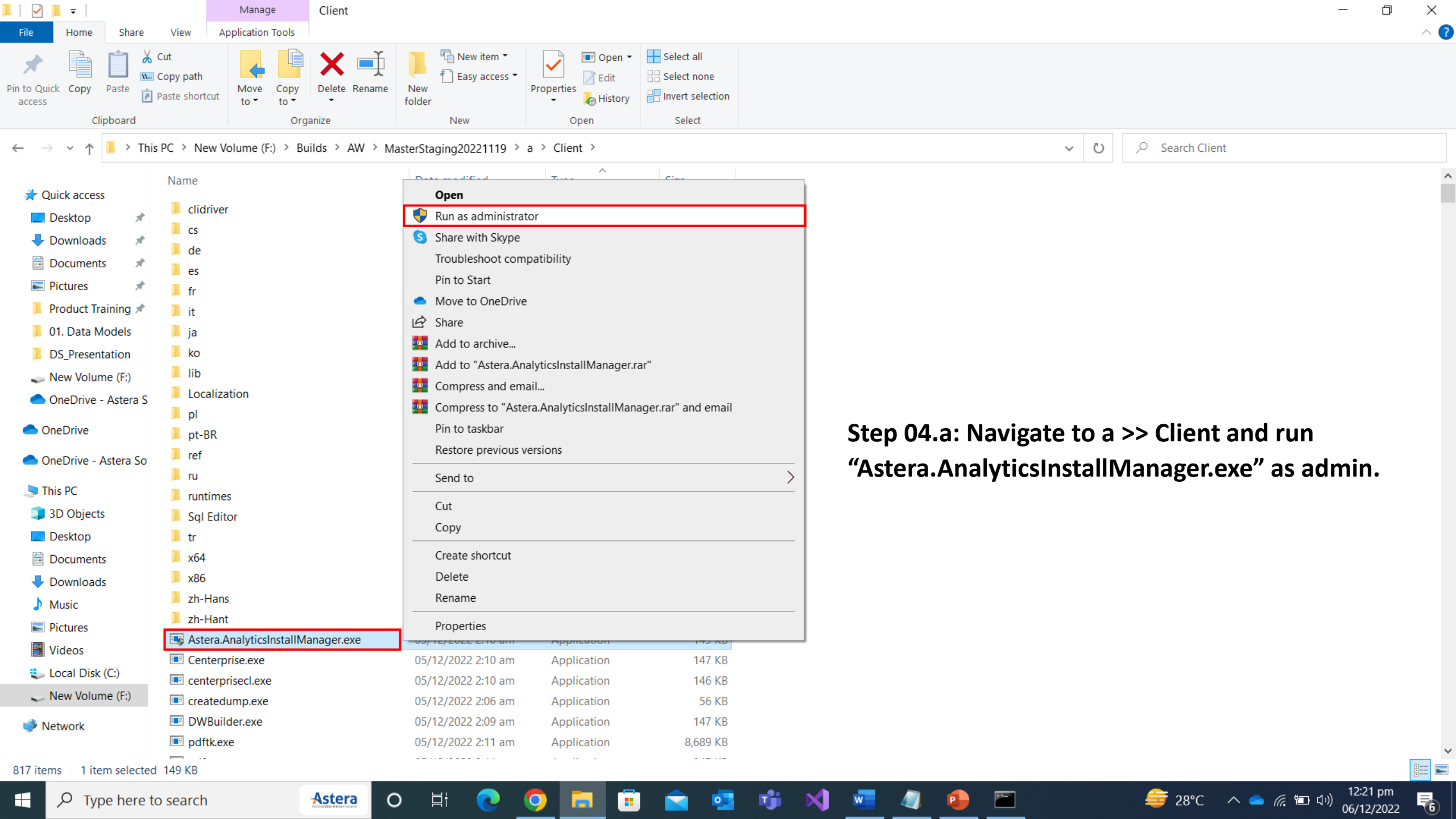


Step 03.e: Right-click and start the service named

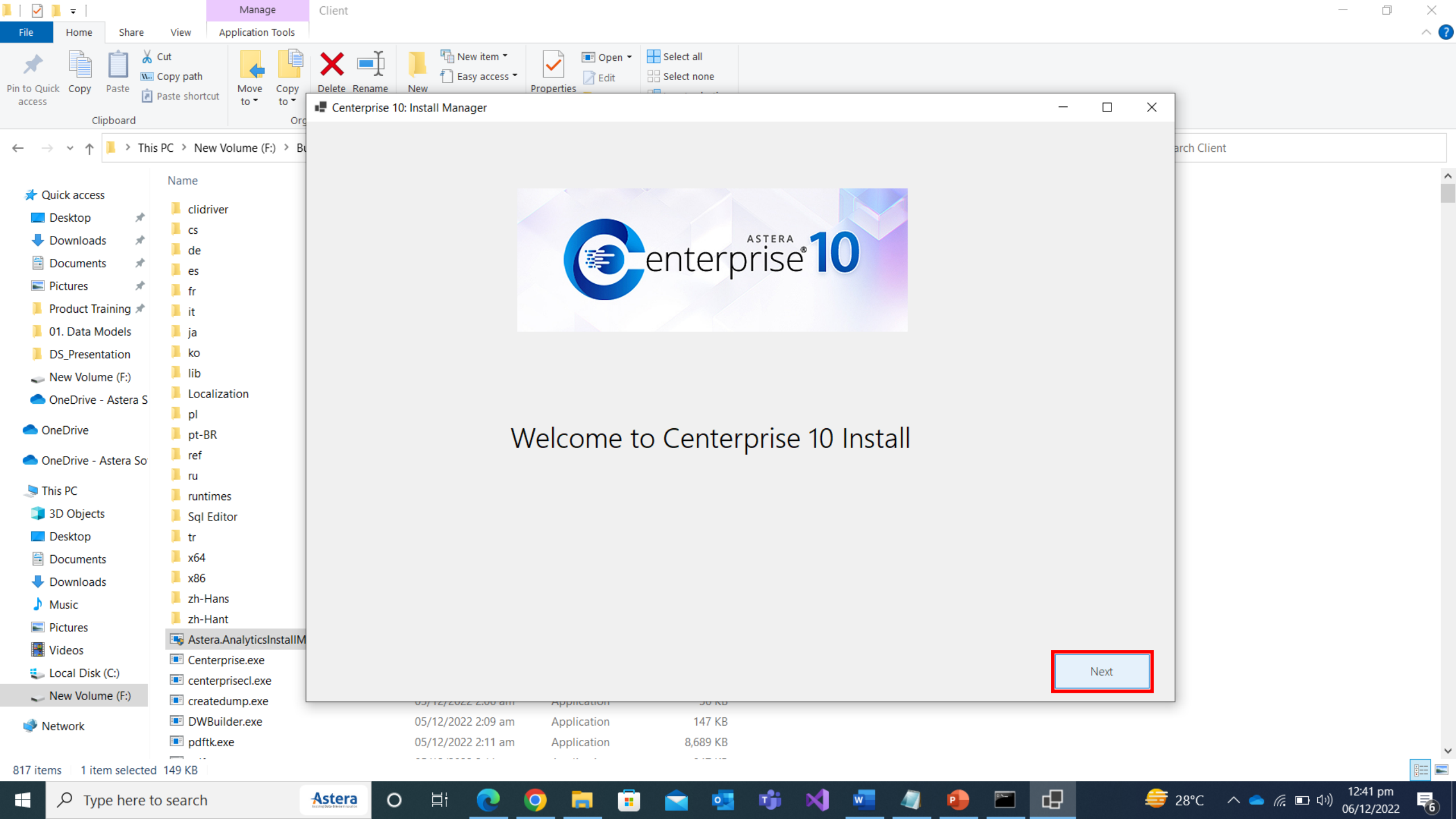
adamian-MasterStaging20221204

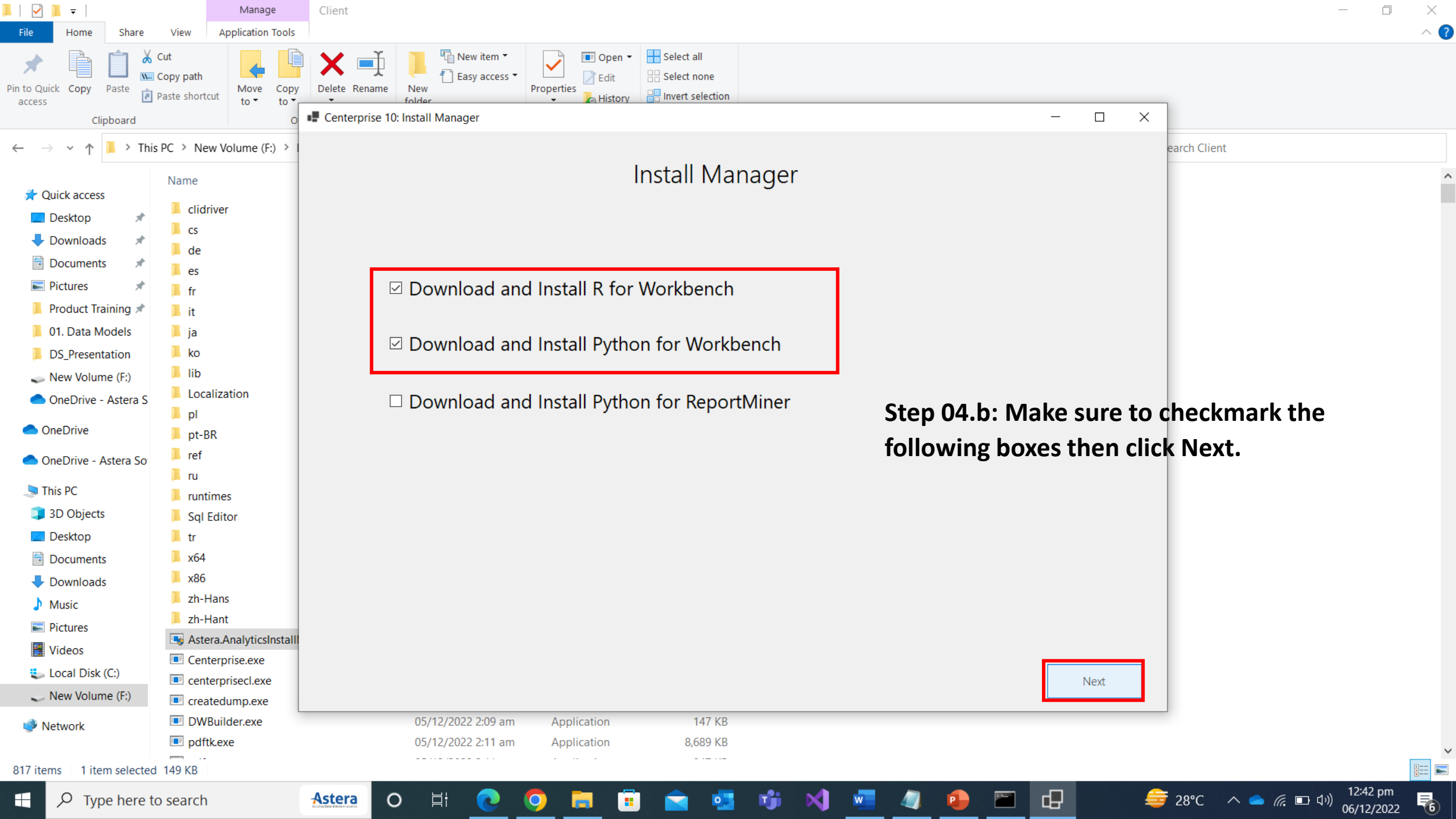

Services
File Action View Help
Services (Local)
Services (Local)
adamain-MasterStaging20221119
Stop the service
Restart the service
Name Description Status Startup Type Log On As
ActiveX Installer (AxInstSV) Provides Use... Manual Local System
adadwb Manual danish.hudani@astera.com
adamain-MasterStaging20221119 Running Manual Local System
adamain-MasterStaging20221127 Manual danish.hudani@astera.com
Agent Activation Runtime_229210be Runtime for ... Manual Local System
AllJoyn Router Service Routes AllJo... Manual (Trigg... Local Service
Apex One Common Client Solution Framework Manages ad... Running Manual Local System
Apex One NT Listener Receives co... Running Automatic Local System
Apex One NT RealTime Scan Performs Re... Running Automatic Local System
Apex One NT WSC Service Reports secu... Running Automatic Local System
App Readiness Gets apps re... Manual Local System
Application Identity Determines ... Manual (Trigg... Local Service
Application Information Facilitates th... Running Manual (Trigg... Local System
Application Layer Gateway Service Provides sup... Manual Local Service
Application Management Processes in... Running Manual Local System
AppX Deployment Service (AppXSVC) Provides infr... Running Manual (Trigg... Local System
ASP.NET State Service Provides sup... Manual Network Service
AssignedAccessManager Service AssignedAcc... Manual (Trigg... Local System
Astera Integration Server 9 Data Integra... Automatic Local System
Auto Time Zone Updater Automaticall... Disabled Local Service
AVCTP service This is Audio... Running Manual (Trigg... Local Service
AzureAttestService Running Automatic Local System
Background Intelligent Transfer Service Transfers file... Manual Local System
Background Tasks Infrastructure Service Windows inf... Running Automatic Local System
Base Filtering Engine The Base Filt... Running Automatic Local Service
BitLocker Drive Encryption Service BDESVC hos... Manual (Trigg... Local System
Block Level Backup Engine Service The WBENGI... Manual Local System
Bluetooth Audio Gateway Service Service supp... Manual (Trigg... Local Service
Bluetooth Support Service The Bluetoo... Manual (Trigg... Local Service
Bluetooth User Support Service_229210be The Bluetoo... Manual (Trigg... Local System
BranchCache This service ... Manual Network Service
Capability Access Manager Service Provides faci... Running Manual Local System
CaptureService_229210be Enables opti... Manual Local System
Cellular Time This service ... Manual (Trigg... Local Service
Extended Standard
Make sure adamian-MasterStaging20221204 is running
Type here to search
Astera
29°C Haze
12:16 pm
07/12/2022

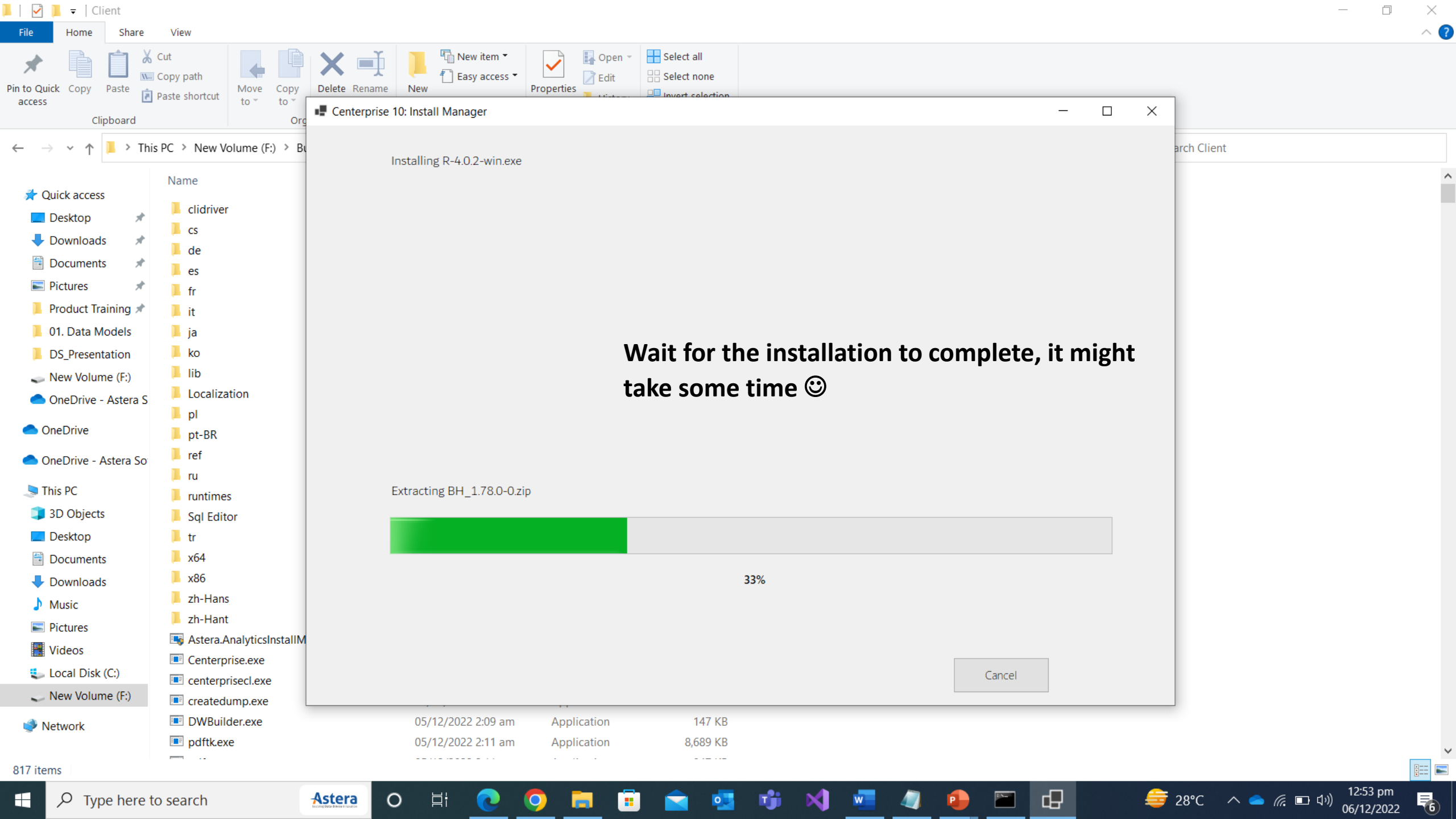
Step 04: Installing Python and R for Analytics Workbench



Step 04.a: Navigate to a >> Client and run “Astera.AnalyticsInstallManager.exe” as admin.


Manage
Client
File
Home
Share
View
Application Tools
Pin to Quick access
Copy
Paste
Cut
Copy path
Paste shortcut
Clipboard
Move to
Copy to
Delete
Rename
New
New item
Easy access
Properties
Open
Edit
Select all
Select none
This PC
New Volume (F:)
Search Client
Quick access
Desktop
Downloads
Documents
Pictures
Product Training
01. Data Models
DS_Presentation
New Volume (F:)
OneDrive - Astera S
OneDrive
OneDrive - Astera So
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
New Volume (F:)
Network
Name
clidriver
cs
de
es
fr
it
ja
ko
lib
Localization
pl
pt-BR
ref
ru
runtimes
Sql Editor
tr
x64
x86
zh-Hans
zh-Hant
Astera.AnalyticsInstallM
Centerprise.exe
centerprisecl.exe
createdump.exe
DWBuilder.exe
pdftk.exe
05/12/2022 2:09 am
Application
147 KB
05/12/2022 2:11 am
Application
8,689 KB
817 items
1 item selected 149 KB
Centerprise 10: Install Manager
ASTERA
Centerprise 10
Welcome to Centerprise 10 Install
Next
Type here to search
Astera
28°C
12:41 pm
06/12/2022


Centerprise 10: Install Manager
Install Manager
Download and Install R for Workbench
Download and Install Python for Workbench
Download and Install Python for ReportMiner
Next
Step 04.b: Make sure to checkmark the following boxes then click Next.


Client
File
Home
Share
View
Pin to Quick access
Copy
Paste
Cut
Copy path
Paste shortcut
Clipboard
Move to
Copy to
Delete
Rename
New
New item
Easy access
Properties
Open
Edit
Select all
Select none
This PC
New Volume (F:)
Quick access
Desktop
Downloads
Documents
Pictures
Product Training
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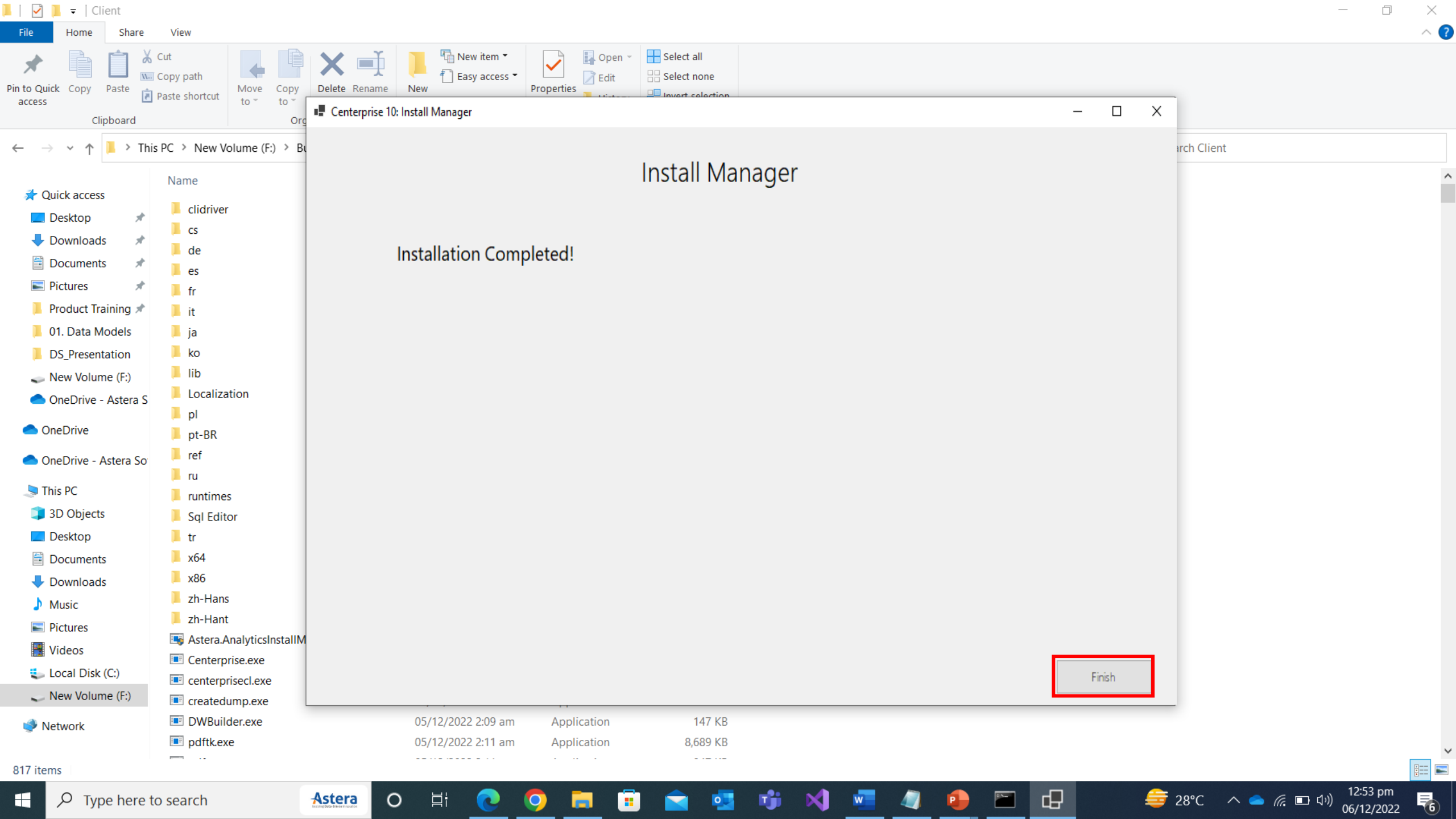
DS_Presentation
New Volume (F:)
OneDrive - Astera S
OneDrive
OneDrive - Astera So
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
New Volume (F:)
Network
Name
clidriver
cs
de
es
fr
it
ja
ko
lib
Localization
pl
pt-BR
ref
ru
runtimes
Sql Editor
tr
x64
x86
zh-Hans
zh-Hant
Astera.AnalyticsInstallM
Centerprise.exe
centerprisecl.exe
createdump.exe
DWBuilder.exe
pdftk.exe
05/12/2022 2:09 am
Application
147 KB
05/12/2022 2:11 am
Application
8,689 KB
817 items
Centerprise 10: Install Manager
Installing R-4.0.2-win.exe
Wait for the installation to complete, it might take some time ☺
Extracting BH_1.78.0-0.zip
33%
Cancel
Type here to search
Astera
28°C
12:53 pm
06/12/2022


Client
File
Home
Share
View
Pin to Quick access
Copy
Paste
Cut
Copy path
Paste shortcut
Clipboard
Move to
Copy to
Delete
Rename
New
New item
Easy access
Properties
Open
Edit
Select all
Select none
This PC
New Volume (F:)
Quick access
Desktop
Downloads
Documents
Pictures
Product Training
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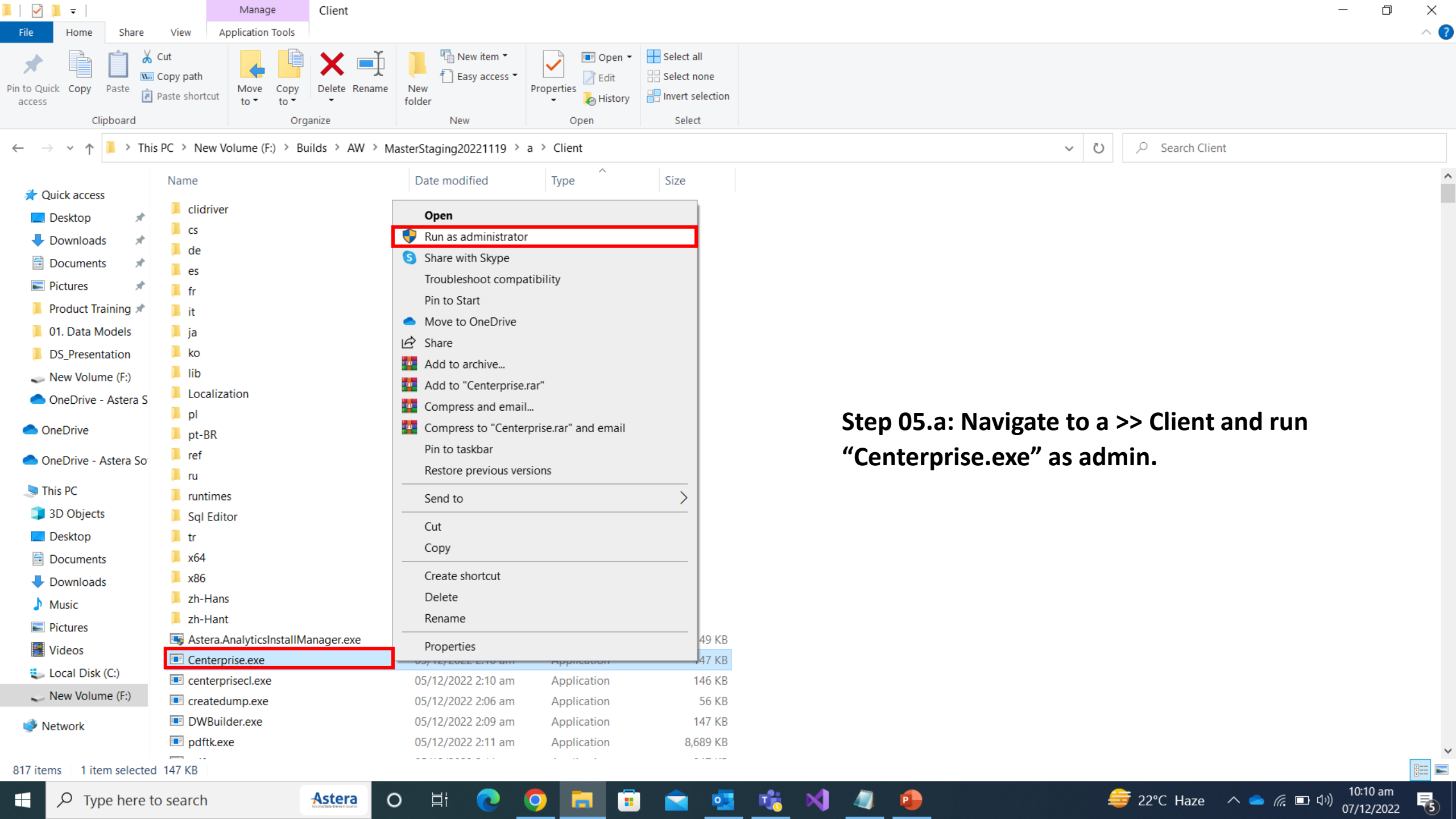
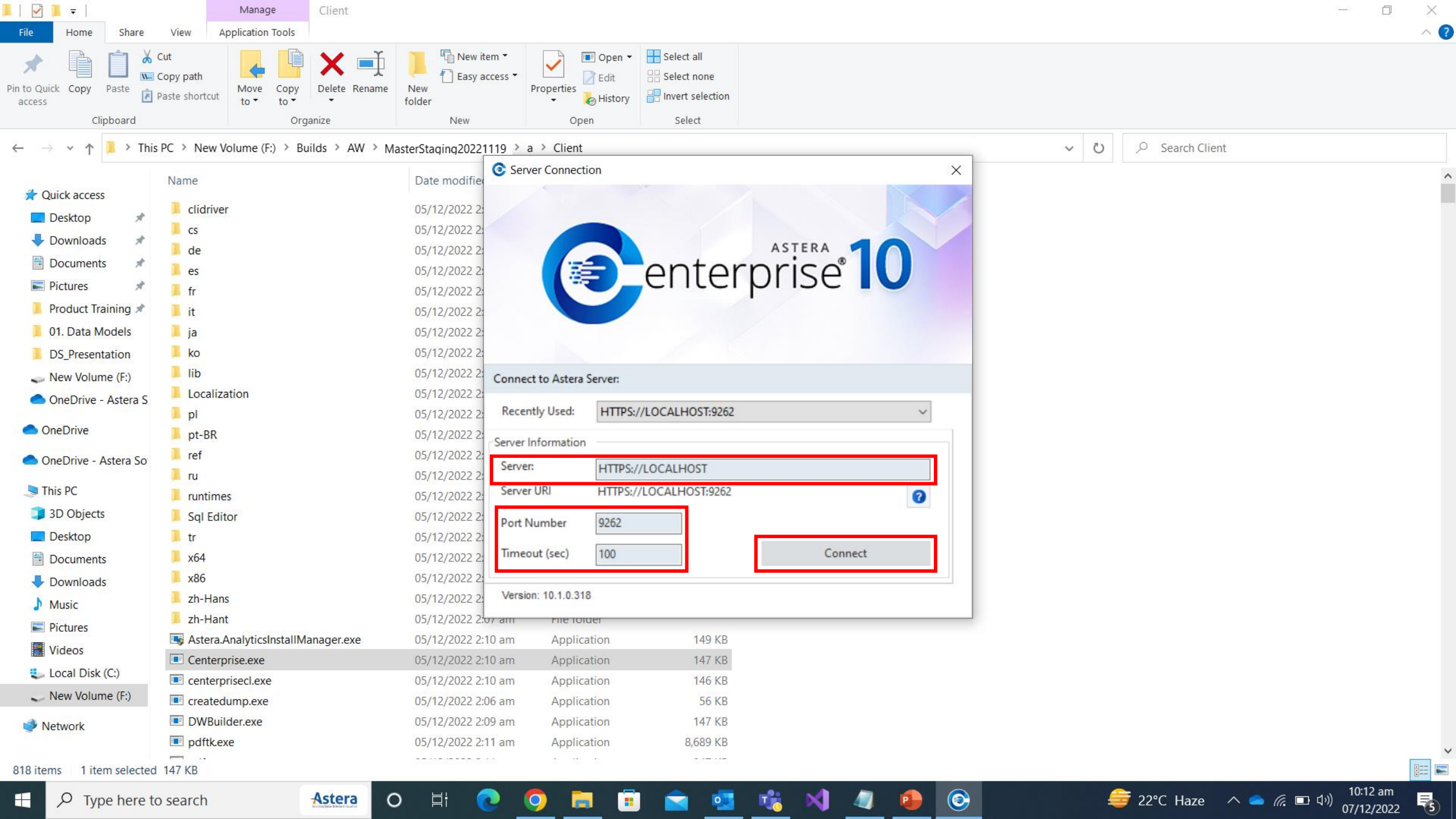
DS_Presentation
New Volume (F:)
OneDrive - Astera S
OneDrive
OneDrive - Astera So
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
New Volume (F:)
Network
Name
clidriver
cs
de
es
fr
it
ja
ko
lib
Localization
pl
pt-BR
ref
ru
runtimes
Sql Editor
tr
x64
x86
zh-Hans
zh-Hant
Astera.AnalyticsInstallM
Centerprise.exe
centerprisecl.exe
createdump.exe
DWBuilder.exe
pdftk.exe
05/12/2022 2:09 am
Application
147 KB
05/12/2022 2:11 am
Application
8,689 KB
817 items
Centerprise 10: Install Manager
Install Manager
Installation Completed!
Finish
Type here to search
Astera
28°C
12:53 pm
06/12/2022

Step 05: Running and Configuring Analytics Workbench



Step 05.a: Navigate to a >> Client and run “Centerprise.exe” as admin.


Manage
Client
File
Home
Share
View
Application Tools
Pin to Quick access
Copy
Paste
Cut
Copy path
Paste shortcut
Clipboard
Move to
Copy to
Delete
Rename
Organize
New folder
New item
Easy access
New
Properties
Open
Edit
History
Open
Select all
Select none
Invert selection
Select
This PC > New Volume (F:) > Builds > AW > MasterStaging20221119 > a > Client
Search Client
Quick access
Desktop
Downloads
Documents
Pictures
Product Training
01. Data Models
DS_Presentation
New Volume (F:)
OneDrive - Astera S
OneDrive
OneDrive - Astera So
This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
Local Disk (C:)
New Volume (F:)
Network
Name
Date modifie
clidriver
cs
de
es
fr
it
ja
ko
lib
Localization
pl
pt-BR
ref
ru
runtimes
Sql Editor
tr
x64
x86
zh-Hans
zh-Hant
Astera.AnalyticsInstallManager.exe 05/12/2022 2:10 am Application 149 KB
Centerprise.exe 05/12/2022 2:10 am Application 147 KB
centerprisecl.exe 05/12/2022 2:10 am Application 146 KB
createdump.exe 05/12/2022 2:06 am Application 56 KB
DWBuilder.exe 05/12/2022 2:09 am Application 147 KB
pdftk.exe 05/12/2022 2:11 am Application 8,689 KB
818 items
1 item selected 147 KB
Server Connection
ASTERA
enterprise 10
Connect to Astera Server:
Recently Used:
HTTPS://LOCALHOST:9262
Server Information
Server:
HTTPS://LOCALHOST
Server URI
HTTPS://LOCALHOST:9262
Port Number
9262
Timeout (sec)
100
Connect
Version: 10.1.0.318
Type here to search
Astera
22°C Haze
10:12 am
07/12/2022

To Configure the Server, Please follow this **Link** to the documentation.

Anaconda Installation

Link to Install Anaconda on Windows