

jenkins

02 June 2024 17:45

```
#java -jarjenkins.war -httpPort=8080
#python -m pip install pytest
```

Download jenkins plugin for windows
Create jenkins account
My username: pubggaresh
Password: Gani@2000@Gani

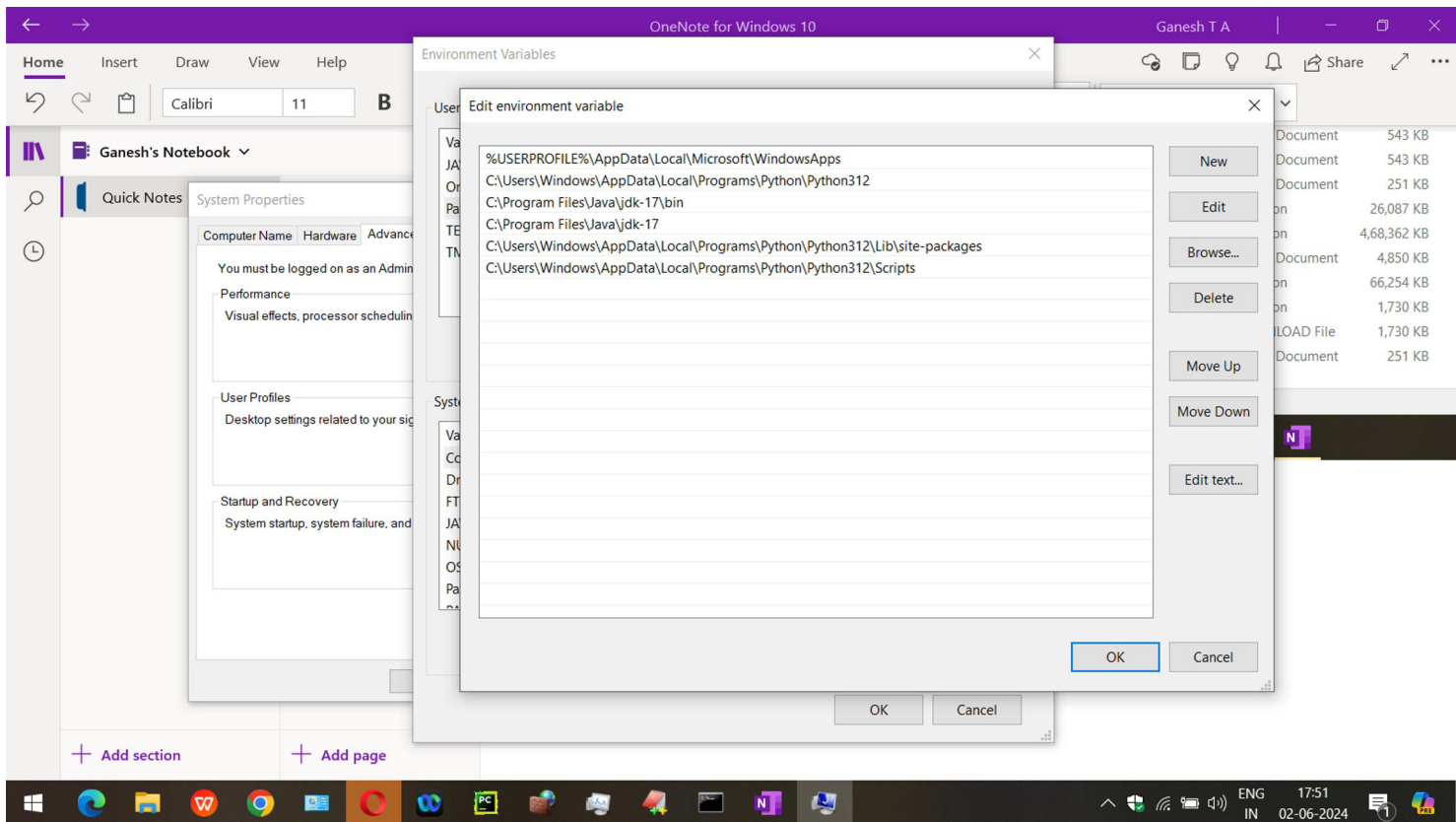
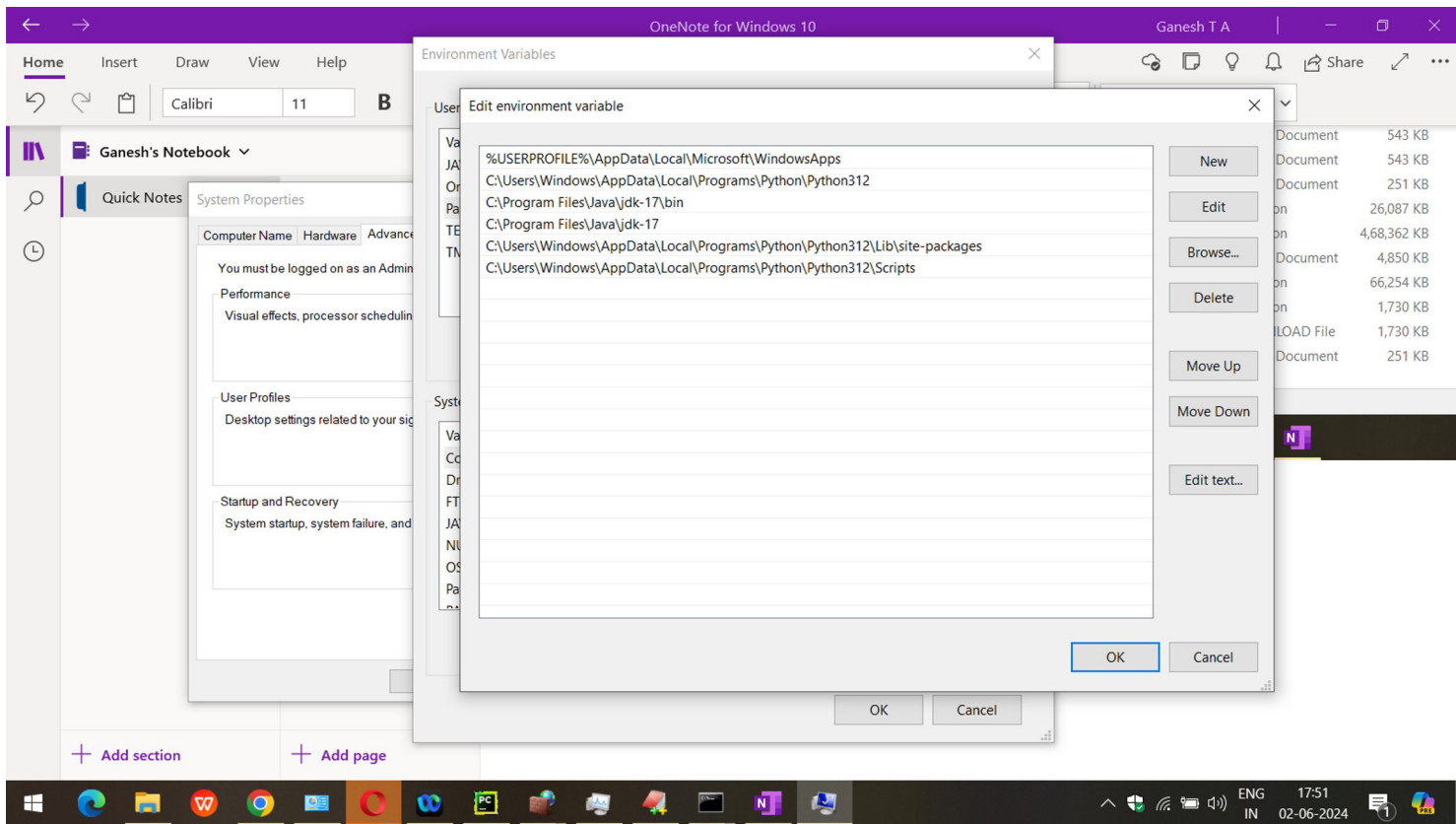
Install the JDK and jenkins

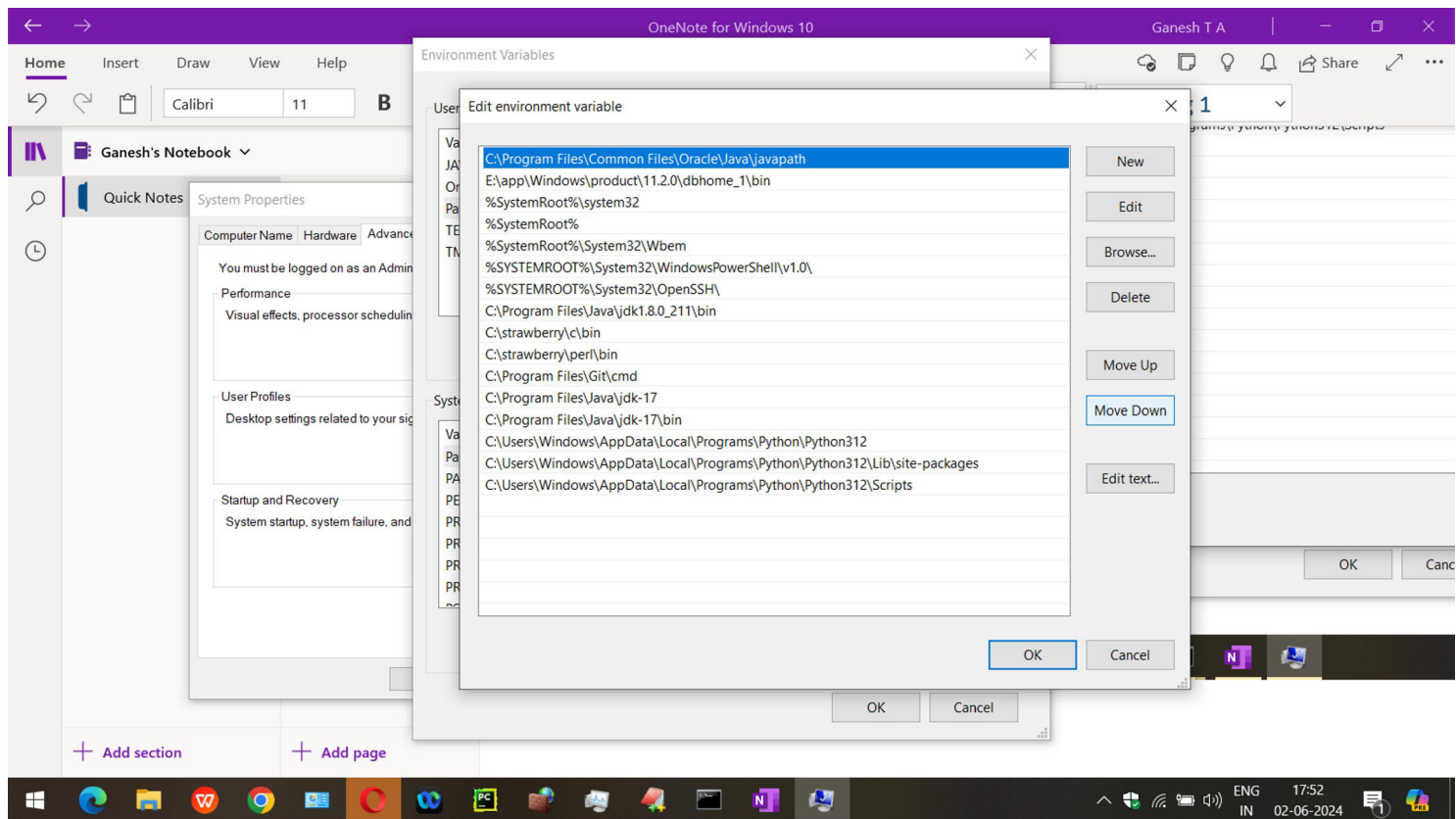
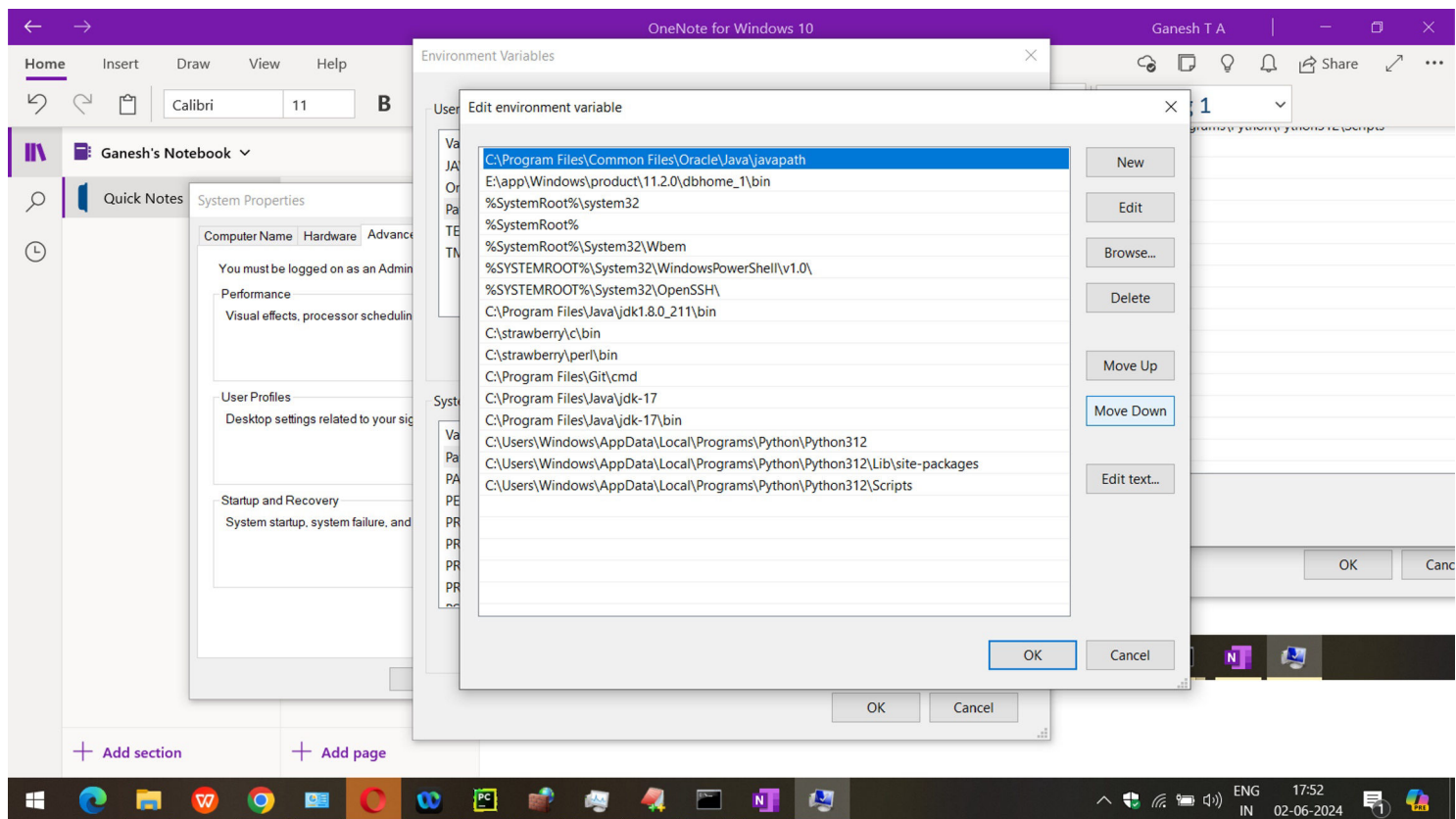
The screenshot shows a Windows File Explorer window with the 'Downloads' folder selected. The ribbon at the top includes tabs for File, Home, Share, and View. The 'Home' tab is active, showing various file management icons like Cut, Copy, Paste, Move to, Copy to, Delete, Rename, New folder, New Item, Easy access, Properties, Edit, History, Select all, Select none, and Invert selection. The address bar shows the path 'This PC > Downloads'. The file list is as follows:

Name	Date modified	Type	Size
Today (2)			
jenkins (1)	02-06-2024 16:05	Windows Installer ...	97,312 KB
jdk-17_windows-x64_bin	02-06-2024 15:11	Application	1,57,600 KB
Yesterday (3)			
jenkins.war	01-06-2024 22:47	WAR File	91,124 KB
pytestsDemo	01-06-2024 18:55	WinRAR ZIP archive	90 KB
pytestsDemo	01-06-2024 18:56	File folder	
Last week (13)			
1982067_T1M5_Completion_Certificate (1)	26-05-2024 21:27	WPS PDF Document	543 KB
1982067_T1M5_Completion_Certificate	26-05-2024 21:23	WPS PDF Document	543 KB
1982067_T1M1_Completion_Certificate (3)	26-05-2024 19:24	WPS PDF Document	251 KB
python-3.12.3-amd64	26-05-2024 17:21	Application	26,087 KB
pycharm-community-2024.1.1	26-05-2024 17:17	Application	4,68,362 KB
git_notes	26-05-2024 16:40	WPS PDF Document	4,850 KB
Git-2.45.1-64-bit	26-05-2024 16:37	Application	66,254 KB
pycharm-community-edition-2023.1.3-in...	26-05-2024 16:24	Application	1,730 KB
Unconfirmed 899830.crdownload	26-05-2024 16:24	CRDOWNLOAD File	1,730 KB
1982067 T1M1 Completion Certificate (2)	26-05-2024 16:12	WPS PDF Document	251 KB

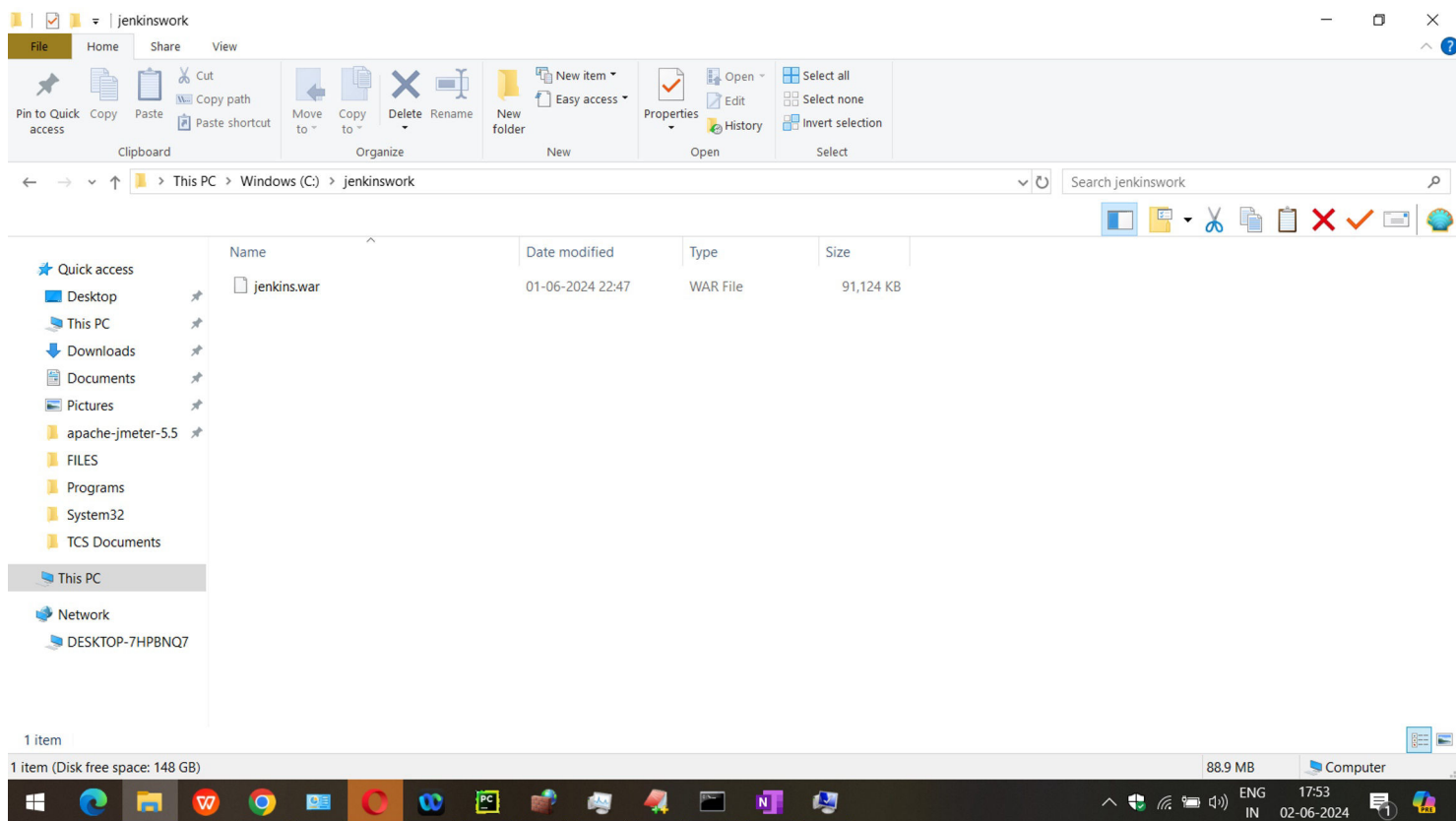
The taskbar at the bottom shows the Windows Start button, several application icons (Edge, File Explorer, Word, Chrome, Teams, OneDrive, PC, etc.), and the system tray with the date and time (17:49, 02-06-2024).

JDK will support 11,17 and 21





<http://localhost:8080/>



```
Command Prompt - java -jar jenkins.war -httpPort=8080
Microsoft Windows [Version 10.0.19045.4412]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Windows>cd ..

C:\Users>cd ..

C:\>cd jenkinswork

C:\jenkinswork>java -jar jenkins.war -httpPort=8080
Running from: C:\jenkinswork\jenkins.war
webroot: C:\Users\Windows\.jenkins\war
2024-06-02 12:04:20.859+0000 [id=1] INFO winstone.Logger#logInternal: Beginning extraction from war file
2024-06-02 12:04:21.032+0000 [id=1] WARNING o.e.j.s.handler.ContextHandler#setContextPath: Empty contextPath
2024-06-02 12:04:21.180+0000 [id=1] INFO org.eclipse.jetty.server.Server#doStart: jetty-10.0.20; built: 2024-01-29T20:46:45.278Z; git: 3a745c71c23682146f262b99f4ddc4c1b
c41630c; jvm 17.0.11+7-LTS-207
2024-06-02 12:04:22.548+0000 [id=1] INFO o.e.j.w.StandardDescriptorProcessor#visitServlet: NO JSP Support for /, did not find org.eclipse.jetty.jsp.JettyJspServlet
2024-06-02 12:04:22.748+0000 [id=1] INFO o.e.j.s.s.DefaultSessionIdManager#doStart: Session workerName=node0
2024-06-02 12:04:27.552+0000 [id=1] INFO hudson.WebAppMain#contextInitialized: Jenkins home directory: C:\Users\Windows\.jenkins found at: $user.home/.jenkins
2024-06-02 12:04:28.220+0000 [id=1] INFO o.e.j.s.handler.ContextHandler#doStart: Started w.@2a551a63{Jenkins v2.460,/file:///C:/Users/Windows/.jenkins/war/,AVAILABLE}{
C:\Users\Windows\.jenkins\war}
2024-06-02 12:04:28.334+0000 [id=1] INFO o.e.j.server.AbstractConnector#doStart: Started ServerConnector@3c87521{HTTP/1.1, (http/1.1)}{0.0.0.0:8080}
2024-06-02 12:04:28.366+0000 [id=1] INFO org.eclipse.jetty.server.Server#doStart: Started Server@13c10b87{STARTING}[10.0.20,sto=0] @8724ms
2024-06-02 12:04:28.366+0000 [id=27] INFO winstone.Logger#logInternal: Winstone Servlet Engine running: controlPort=disabled
2024-06-02 12:04:28.947+0000 [id=33] INFO jenkins.InitReactorRunner$1#onAttained: Started initialization
2024-06-02 12:04:30.078+0000 [id=32] INFO jenkins.InitReactorRunner$1#onAttained: Listed all plugins
2024-06-02 12:04:43.909+0000 [id=38] INFO jenkins.InitReactorRunner$1#onAttained: Prepared all plugins
2024-06-02 12:04:44.145+0000 [id=38] INFO jenkins.InitReactorRunner$1#onAttained: Started all plugins
2024-06-02 12:04:44.275+0000 [id=33] INFO jenkins.InitReactorRunner$1#onAttained: Augmented all extensions
2024-06-02 12:04:46.632+0000 [id=32] INFO h.p.b.g.GlobalTimeoutConfiguration#load: global timeout not set
2024-06-02 12:04:50.256+0000 [id=33] INFO jenkins.InitReactorRunner$1#onAttained: System config loaded
2024-06-02 12:04:50.326+0000 [id=40] INFO jenkins.InitReactorRunner$1#onAttained: System config adapted
2024-06-02 12:04:50.326+0000 [id=37] INFO jenkins.InitReactorRunner$1#onAttained: Loaded all jobs
2024-06-02 12:04:50.564+0000 [id=36] INFO jenkins.InitReactorRunner$1#onAttained: Configuration for all jobs updated
2024-06-02 12:04:50.645+0000 [id=35] INFO jenkins.InitReactorRunner$1#onAttained: Completed initialization
2024-06-02 12:04:50.709+0000 [id=26] INFO hudson.lifecycle.Lifecycle#onReady: Jenkins is fully up and running
```

Desktop interaction:
enable the service

Services

FileActionViewHelp

Services (Local)

Jenkins

Stop the service

Restart the service

Description:
Jenkins Automation Server

Name	Description	Status	Startup Type	Log On As
GoogleUpdater InternalServ...			Automatic	Local System
GoogleUpdater Service 127.0...			Automatic	Local System
GraphicsPerfSvc	Graphics per...		Manual (Trigg...	Local System
Group Policy Client	The service i...	Running	Automatic (Tri...	Local System
Human Interface Device Serv...	Activates an...	Running	Manual (Trigg...	Local System
HV Host Service	Provides an i...		Manual (Trigg...	Local System
Hyper-V Data Exchange Serv...	Provides a m...		Manual (Trigg...	Local System
Hyper-V Guest Service Interf...	Provides an i...		Manual (Trigg...	Local System
Hyper-V Guest Shutdown Se...	Provides a m...		Manual (Trigg...	Local System
Hyper-V Heartbeat Service	Monitors th...		Manual (Trigg...	Local System
Hyper-V PowerShell Direct S...	Provides a m...		Manual (Trigg...	Local System
Hyper-V Remote Desktop Vi...	Provides a pl...		Manual (Trigg...	Local System
Hyper-V Time Synchronizati...	Synchronize...		Manual (Trigg...	Local Service
Hyper-V Volume Shadow Co...	Coordinates ...		Manual (Trigg...	Local System
IKE and AuthIP IPsec Keying ...	The IKEEXT s...		Manual (Trigg...	Local System
Intel Bluetooth Service	Intel(R) Wirel...	Running	Automatic	Local System
Intel(R) Content Protection H...	Intel(R) Cont...		Manual	Local System
Intel(R) HD Graphics Control ...	Service for I...	Running	Automatic	Local System
Internet Connection Sharing...	Provides net...		Manual (Trigg...	Local System
IP Helper	Provides tun...	Running	Automatic	Local System
IP Translation Configuration ...	Configures a...		Manual (Trigg...	Local System
IPsec Policy Agent	Internet Prot...	Running	Manual (Trigg...	Network Se...
Jenkins	Jenkins Auto...	Running	Automatic	Local System
KtmRm for Distributed Trans...	Coordinates ...		Manual (Trigg...	Network Se...
Language Experience Service	Provides infr...		Manual	Local System
Link-Layer Topology Discove...	Creates a Ne...		Manual	Local Service
Local Profile Assistant Service	This service ...		Manual (Trigg...	Local Service

ExtendedStandard

Jenkins Properties (Local Computer)

GeneralLog OnRecoveryDependencies

Log on as:

Local System account

☒ Allow service to interact with desktop

☐ This account:

Browse...

Password:

Confirm password:

OK

Cancel

Apply

Windows Taskbar

Icons: Start, Edge, File Explorer, Word, Chrome, Firefox, PC, W, Task Manager, Settings, N

System Tray: Network, Volume, Notification Area Icons

ENG 21:47
IN 02-06-2024