

Posit Environment Installation Checklist

Installation Plan for: RStudio

Target Install Complete Date: 2023-07-01

For any technical issues please fill out a support ticket following [these steps](#). For all other questions please email your customer success rep Shannon Hagerty (shannon@posit.co).

Requirements for Installation:

- 2 server(s) for Posit Workbench
 - [Minimum requirements](#)
 - [What to know about your use case before sizing?](#)
 - [Sizing Calculator](#)
- 0 server(s) for Posit Connect
 - [Minimum requirements](#)
 - [What to know about your use case before sizing?](#)
- 0 server(s) for Package Manager
 - [Minimum requirements](#)

Installation Steps

Step	Info
All Servers	
Servers Provisioned	
Verify Hostname Resolution	Verify that the Posit Workbench servers can a
Verify Server hardware configuration	
Modify Local Server Firewall	Posit products are often blocked by local ser
Disable SELinux	SELinux is often enabled by default on Redha
Verify and trust internal Certificate Authority	
For Package Manager Server(s)	
Install Package Manager	Resources: Docs
Activate Package Manager	Resources: Docs

```
library(ggplot2)

# This example uses the ChickWeight dataset, which comes with ggplot2
# First plot
p1 <- ggplot(ChickWeight, aes(x=Time, y=weight, colour=Diet, group=Chick)) +
  geom_line() +
  ggtitle("Growth curve for individual chicks")

# Second plot
p2 <- ggplot(ChickWeight, aes(x=Time, y=weight, colour=Diet)) +
  geom_point()
```

Install R
Create required repositories
Configure Package Manager SSL
Restart Package Manager
Verify Configuration

Resources: [Docs](#)
Resources: [Docs](#)
Resources: [Docs](#)

Review the Package Manager web interface at [posit.co/rsc/package-manager](#)

For Connect Server(s)

Install R
Install Python
Install Quarto
Configure pip.conf to use Package Manager
Install Connect
Activate Connect License
Install Database drivers
Configure Connect SSL
Integrate Connect and Package Manager
Configure Connect Python
Configure Connect Quarto
Restart Connect
Run a Server Health Check to Verify Configuration

Resources: [Docs](#)
Resources: [Docs](#)
Resources: [Docs](#)
Resources: <https://docs.posit.co/connect/administrator-guide/>
Resources: <https://docs.posit.co/rsc/manual-connect/>
Resources: <https://docs.posit.co/connect/administrator-guide/>
Resources: <https://docs.posit.co/pro-drivers/>
Resources: <https://docs.posit.co/connect/administrator-guide/>
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Resources: <https://docs.posit.co/connect/administrator-guide/>
Resources: <https://docs.rstudio.com/rsc/posit-connect/>

For Workbench Server(s)

Install R
Install Python
Configure pip.conf to use Package Manager
Make Python available via Jupyter Kernel
Install Workbench
Activate Workbench License
Check Workbench login with administrator account
Configure SSL
Configure SSO
Enable Jupyter
Configure Workbench to use Package Manager
Configure Connect in rsession.conf
Verify user can log in and start a session with each IDE
Verify Packages can be Installed
Verify Publishing to Connect

Resources: <https://docs.posit.co/resources/installation/>
Resources: <https://docs.posit.co/rsw/installation/>

This allows you to verify that PAM authentication is working.
Restart Workbench after configuring. Resources: [Restart Workbench after configuring. Resources](#)
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