



# Fit RStudio in your Pharma Cloud Strategy

## RStudio works in the Cloud

RStudio can be installed inside cloud server instances.

Current customers use RStudio in the major cloud vendors.

## Deploy in your Cloud Network

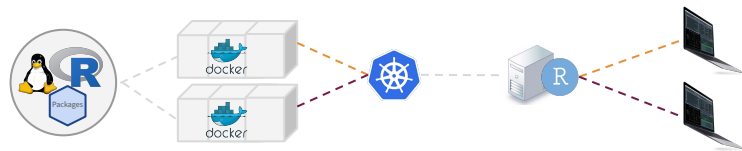
Install RStudio in your own Cloud Network (VPC).

We provide the license and support. You install and manage RStudio in your cloud servers.



Your company's Cloud Private Network

## First class integration with Kubernetes



An **image** file containing OS, R and pre-installed packages is created by your company.

The **image** is loaded to a new Docker container. Each R session creates a new container.

Kubernetes orchestrates the creation of the containers and session routing to RStudio.

RStudio serves the Docker sessions seamlessly via the browser interface

Users select which **image** to use. And work on the R session via the RStudio IDE.

Your company's Cloud Private Network

## Run in a cluster, or in a single server

RStudio can be deployed in a single cloud server without losing any functionality. RStudio also integrates with Kubernetes clusters.



## Create validated images based on task

Combining RStudio and Kubernetes enables you to create customized Docker Images that can be validated and made available to users. The user can confidently select their starting image and work in an environment specially prepared for the task.



Clinical Reporting



Genomics



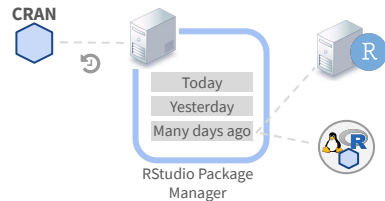
Exploratory



PK/PD

## Lock down R package versions with Package Manager

- RStudio Package Manager allows you to take internal snapshot of CRAN.
- The snapshots are easily accessible in RStudio as sources to install packages.
- Specifying a snapshot ensures that the same package versions are installed and used in your project.



## Useful links

<https://github.com/rstudio/rstudio-docker-products>

<https://github.com/rstudio/docker-r-session-complete>

<https://github.com/rstudio/rstudio-cloud-tools>

<https://environments.rstudio.com/docker>

<https://solutions.rstudio.com/sys-admin/launcher/>

<https://docs.rstudio.com/rsp/integration/launcher-kubernetes/>

