USING APPLICARE › AIOPS

Set Up Predictive Analysis in Applicare on Linux

Applicare 10.0 · Updated August 22, 2024 · aiops, linux · **Pending technical review**

Step 1: Open up a command prompt or terminal then navigate to the Applicare home directory.

Step 2: Create a directory named **predictive_analysis** in the Applicare home path and set the appropriate permission for this directory.

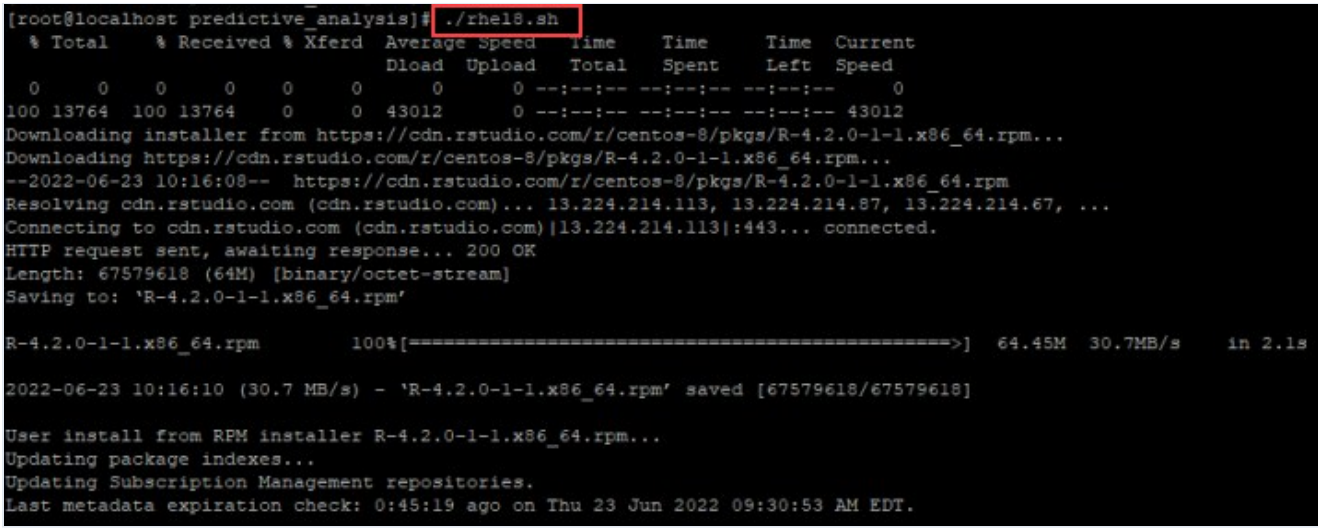
```bash
chmod -R 777 <predictive_analysis>
```

Step 3: Navigate to the **predictive_analysis** directory and create a file named **rhel8.sh.** Paste the following contents into that file and save it. Then set the appropriate permission for this file.

```bash
#!/bin/bash
export R_VERSION=4.2.0
bash -c "$(curl -L https://rstd.io/r-install)"
ln -s /opt/R/${R_VERSION}/bin/R /usr/local/bin/R
ln -s /opt/R/${R_VERSION}/bin/Rscript /usr/local/bin/Rscript
chmod -R 777 pred.R
```

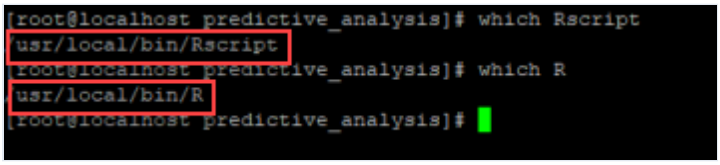
```bash
chmod +x rhel8.sh
```

Step 4: After executing the **basch script.** It should produce output similar to the example below.



Step 5: Ensure that **R** is correctly installed and located. Execute the below command it.

```
TEXT
which Rscript
```



The result should be **"usr/local/bin/Rscript"**

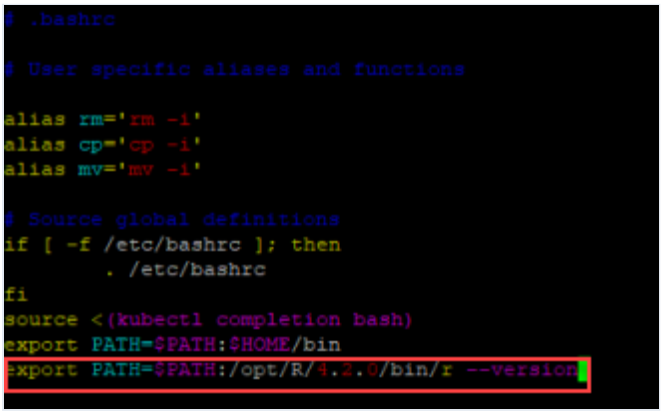
Apply step 6 ,7 and 8 only if you didn't get results on executing which R command.

Step 6: If the results differ from the expected output, modify your .bashrc file to set the correct path for **R**:

```
TEXT
vim ~/.bashrc   //OR THE PATH TO YOUR BASHRC FILE
```

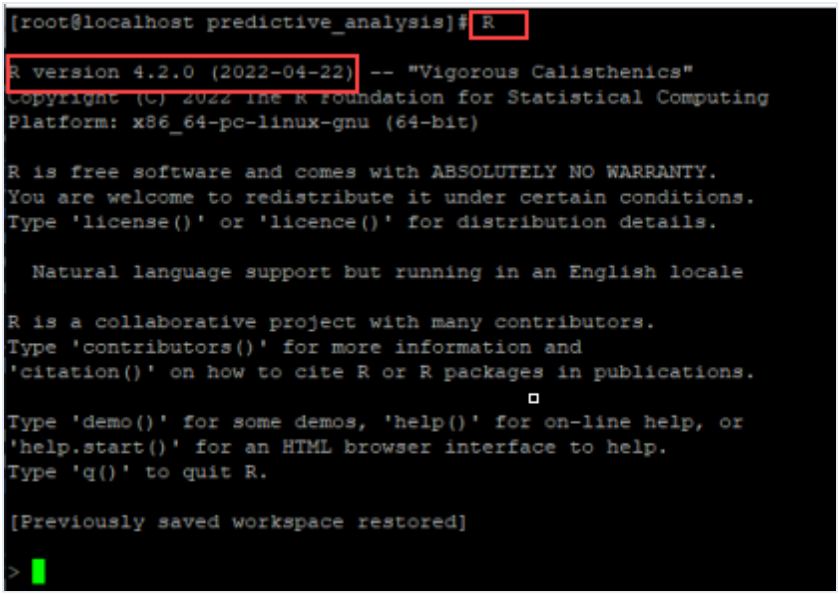
Step 7: Once you are in the bashrc file, add the following line to your file:

```
BASH
export PATH=$PATH:/opt/R/4.2.0/bin/r --version
```



Step 8: Save and exit the file

Step 9: To verify that **R** was properly installed, type **R** in the terminal. You should see the **R** interface appear in the terminal or command prompt.




```
TEXT
R should now be successfully installed and the Predictive Analysis program should be running in the background.
```

Step 10: Go to <**Applicare_home_directory**>\server\bin and edit the **catalina.sh** file.

```
TEXT
-Dapplicare.rHomePathDir=<R_installed_path>
```

Enter the directory displayed after executing **R** in **step 5,** replacing the **<R_installed_path>** placeholder with this directory path .

Example

```
TEXT
-Dapplicare.rHomePathDir=/usr/local/bin/Rscript
```