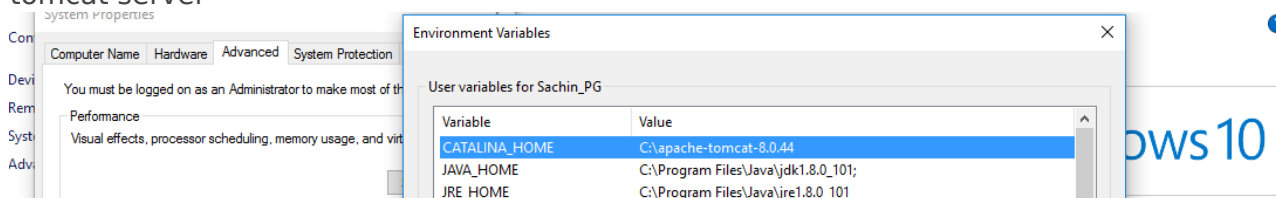


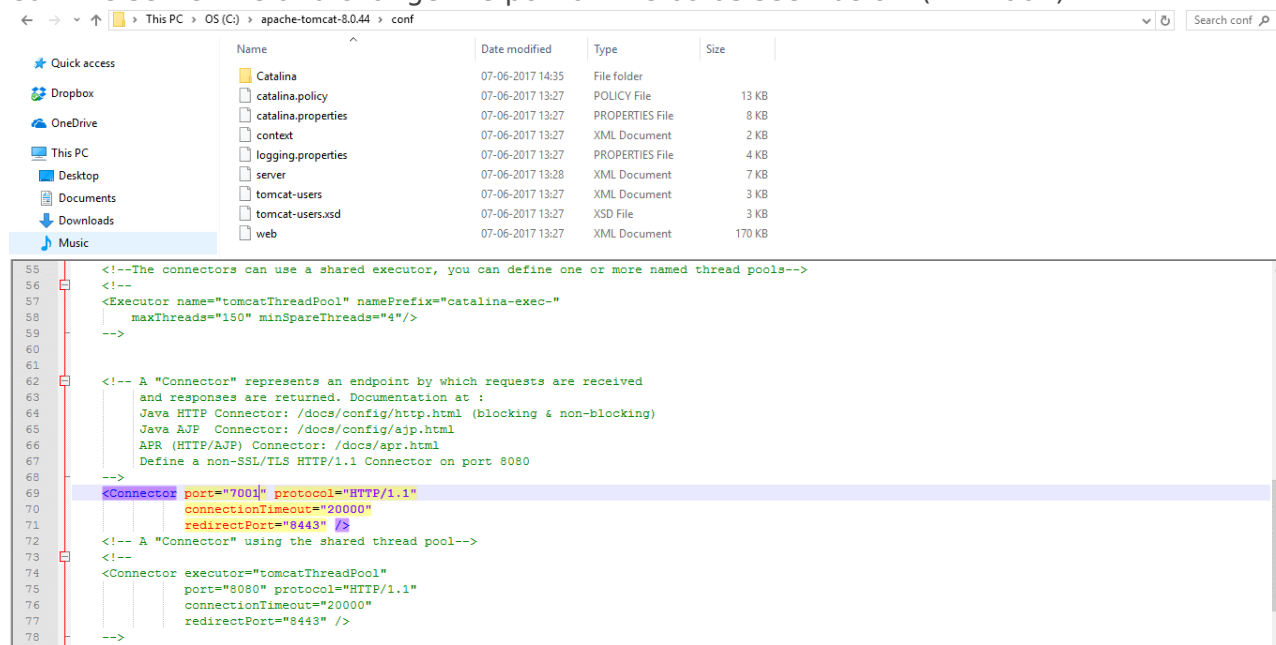
New Relic Java Server Installation

One of the pre-requisite is to have Tomcat/Jetty or a similar service to be installed and below are the instructions:

1. Download the Tomcat server from the below URL <https://tomcat.apache.org/download-80.cgi>
2. Once downloaded, set the Environment variable under User variables before installing the tomcat server



3. If you want to change the port of the server (By default, the tomcat server starts with port 8080 and it is sometimes required to change the default port as other programs might be using that port - by default Appvance HTTP uses port 8080), navigate to the conf folder, edit the server file and change the port at line 69 as seen below (Ex: 7001)



4. Open the command prompt, run the below command to start the server

```
Within two minutes, your app should show up, ready to monitor and troubleshoot.  
If app data doesn't appear, check newrelic/logs/newrelic_agent.log for errors.  
C:\apache-tomcat-8.0.44\newrelic>cd C:\apache-tomcat-8.0.44\bin  
C:\apache-tomcat-8.0.44\bin>startup.bat
```

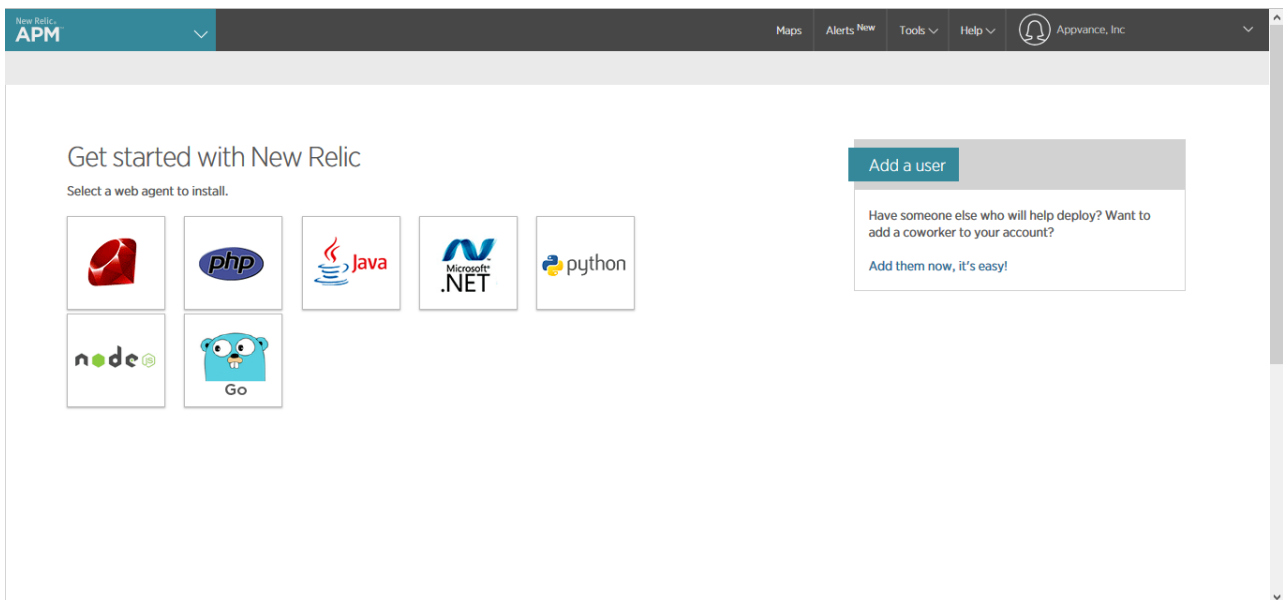
5. Login to the New Relic website with your valid credentials.

<https://login.newrelic.com/login>

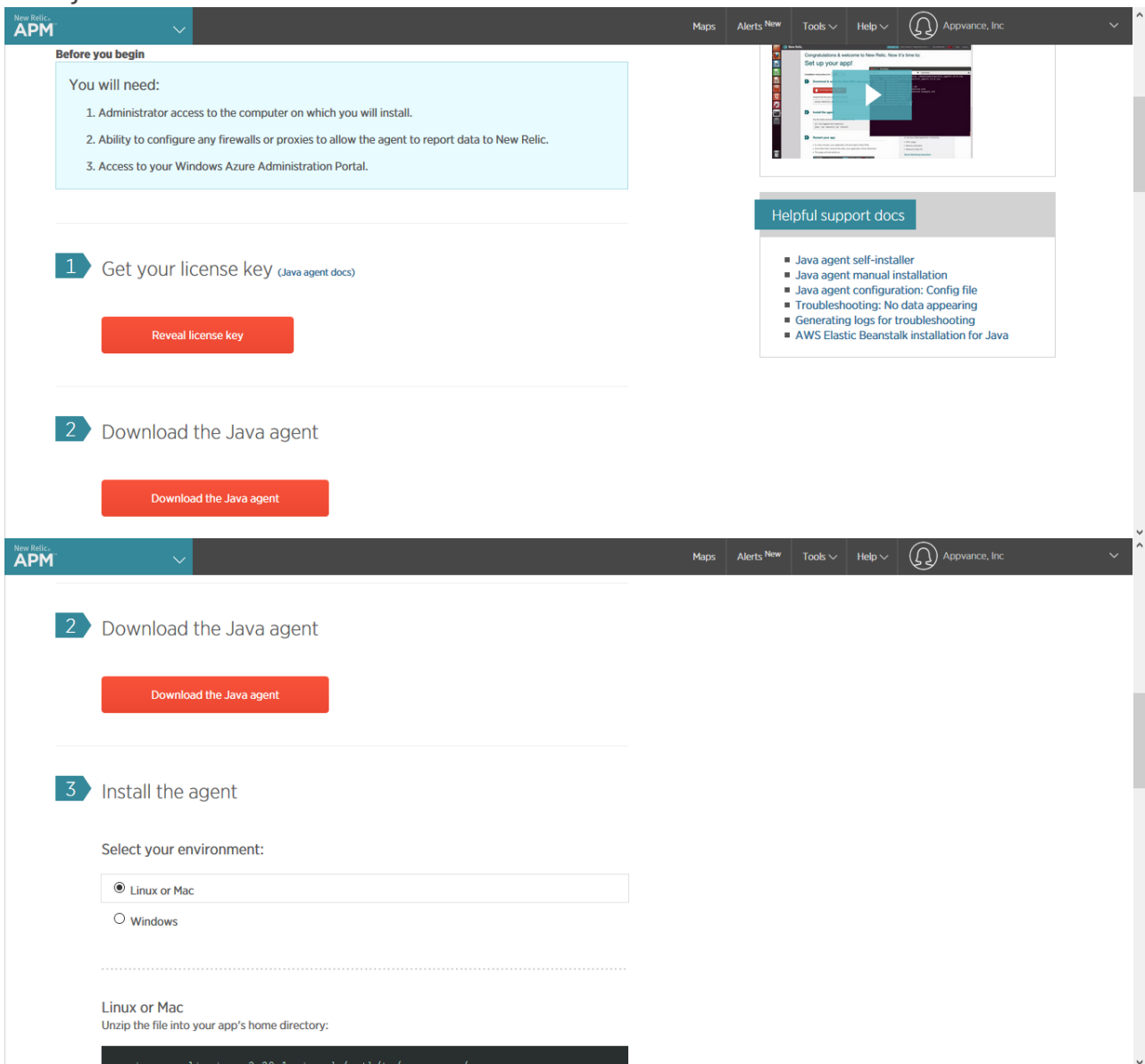
The screenshot shows the New Relic login page. The main content area has the New Relic logo at the top. Below it, there's a login form with two input fields: 'Email' and 'Password'. There's a checkbox for 'Keep me signed in for 2 weeks' and a red 'Sign in' button. Below the button, there are links for 'Forgot your password?' and 'Having problems logging in?'. On the right side, there's a blue sidebar with the New Relic University logo and two links: 'Intro to New Relic APM 4:32' and 'Intro to New Relic Alerts 7:44'. The footer contains links for 'Privacy', 'Terms of service', 'Docs', 'Help Center', and social media icons, along with a copyright notice for 2008-17 New Relic, Inc.

6. Click APM in the Leftmost Corner if you are going to use it for the first time, if not click the Add more button

The screenshot shows the New Relic APM dashboard. The top navigation bar includes 'New Relic APM', 'Maps', 'Alerts', 'Tools', 'Help', and 'Appvance, Inc'. Below the navigation bar, there's a 'Filter applications' search bar and a 'Show labels' toggle. The main content area displays a table of applications with columns: Name, End user, Page views, App server, Throughput, and Error %. The applications listed are 'Tomcatdemo Application', 'tomcat Application', 'My Application', and 'Appvance demo app'. Each application has a 'No data reporting for this application - troubleshoot' message. On the right side, there's a 'Recent events' section with a list of events including 'In-progress', 'NOTIFICATION', and 'APPVANCE DEMO APP'. The bottom of the dashboard has a footer with links for 'newrelic.com', 'Get support', 'Privacy', 'Terms', 'Site status', and social media icons, along with a copyright notice for 2008-17 New Relic, Inc.



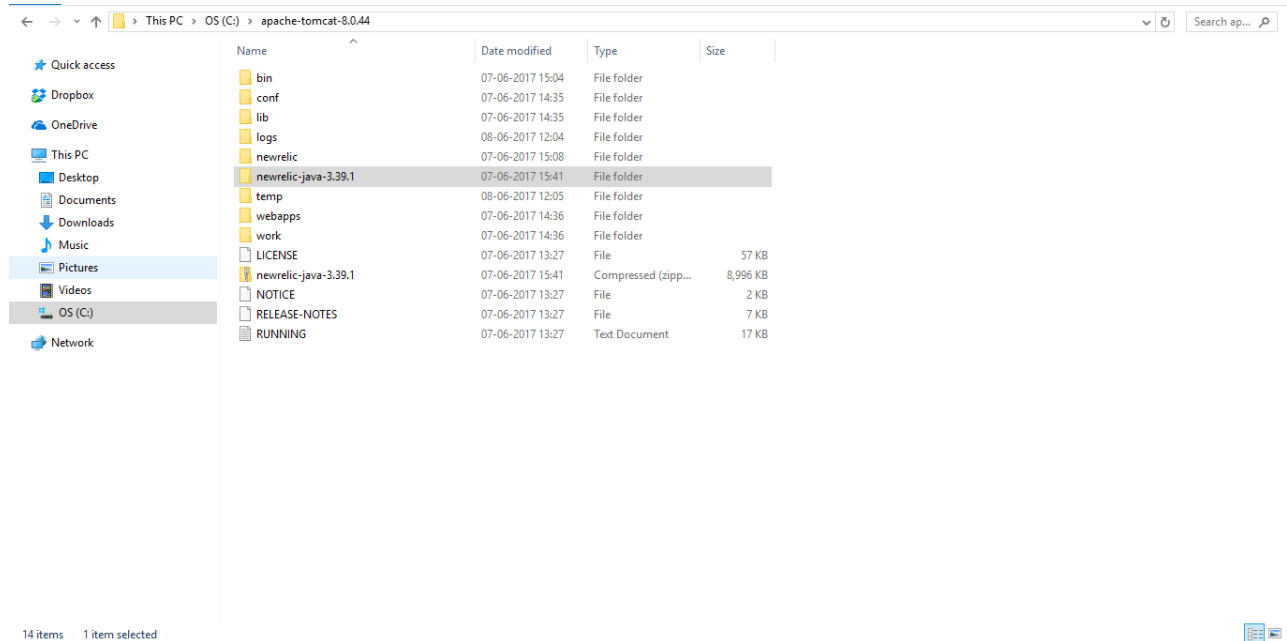
7. Click Java



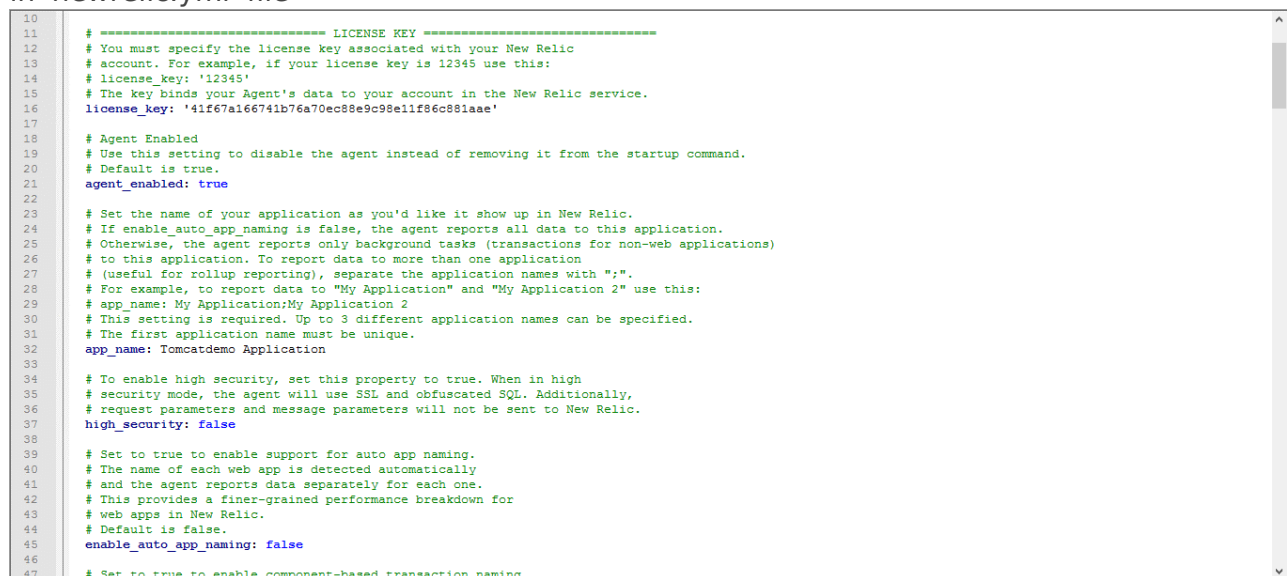
8. If your OS is windows, Click the Windows button and click download the Java agent. The new relic-java-3.39.1.zip file will get downloaded.

Extract the newrelic-java-3.39.1.zip and copy the new relic folder and paste it inside the Java Server (Tomcat, Jetty, JBoss, etc.)

Ex:



9. If you want to change Display Name, Navigate to the New relic folder, Edit the app name in 'newrelic.yml' file



10. Open the Command Prompt with Administrator access
11. Navigate to the New relic folder and type the below command
- java -jar newrelic.jar install



```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.14393]
(c) 2016 Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>cd C:\apache-tomcat-8.0.44\newrelic

C:\apache-tomcat-8.0.44\newrelic>java -jar newrelic.jar install
**** ( o ) New Relic Java Agent Installer

**** Installing version 3.39.1 ...

* Did not edit start script C:\apache-tomcat-8.0.44\bin\catalina.bat because:
The agent switch is already set

* No need to create New Relic configuration file because:
A config file already exists: C:\apache-tomcat-8.0.44\newrelic\newrelic.yml

**** Install successful

**** Next steps:
You're almost done! To see performance data for your app:

1) Restart your app server
2) Exercise your app
3) Log into http://rpm.newrelic.com

Within two minutes, your app should show up, ready to monitor and troubleshoot.
If app data doesn't appear, check newrelic/logs/newrelic_agent.log for errors.

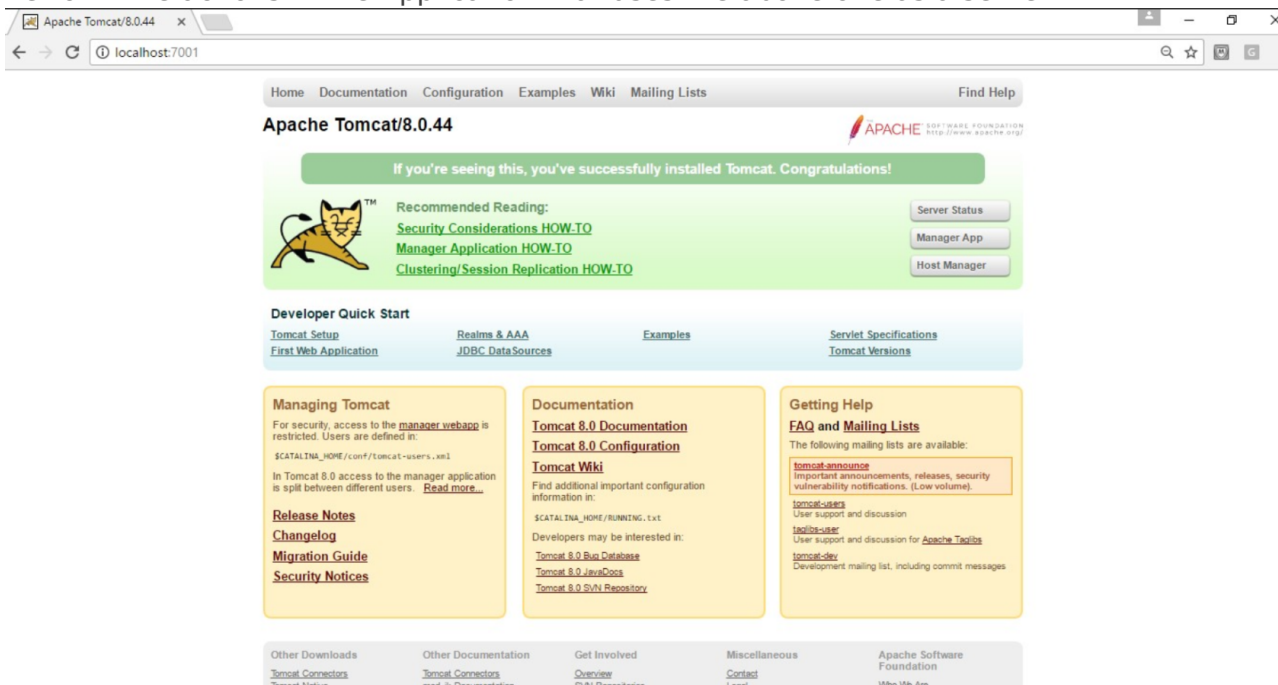
C:\apache-tomcat-8.0.44\newrelic>
```

12. Start the Java Server (In our case it is Tomcat Server)

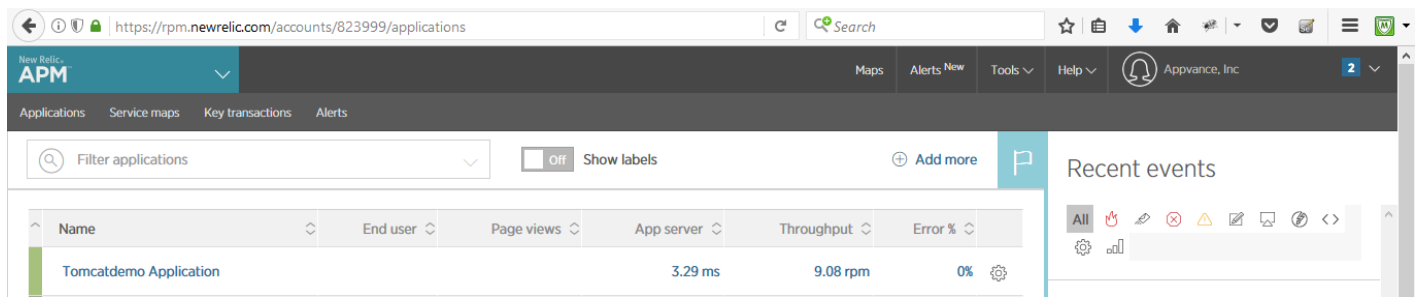
```
Within two minutes, your app should show up, ready to monitor and troubleshoot.
If app data doesn't appear, check newrelic/logs/newrelic_agent.log for errors.

C:\apache-tomcat-8.0.44\newrelic>cd C:\apache-tomcat-8.0.44\bin
C:\apache-tomcat-8.0.44\bin>startup.bat
```

13. Perform the actions in the Application that uses the above one as a server



14. Navigate to the New Relic Website and the name provided in the .yml file will get listed under the Application and clicking the application server, all the monitoring and dashboard graphs shall be displayed



Last updated: July 03, 2023

If you have any feedback on this topic, please contact us at documentation@appvance.ai

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