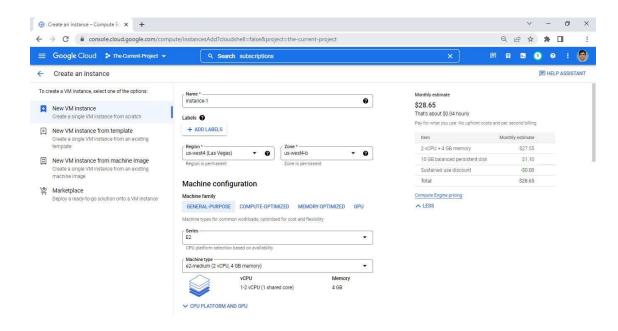
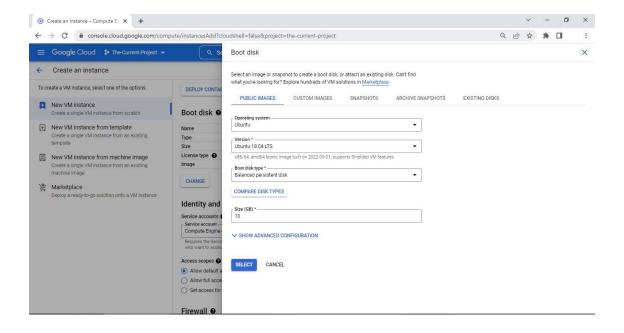
## **Splunk Implementation**

1. Create virtual machine instance with the Ubuntu Boot Disk

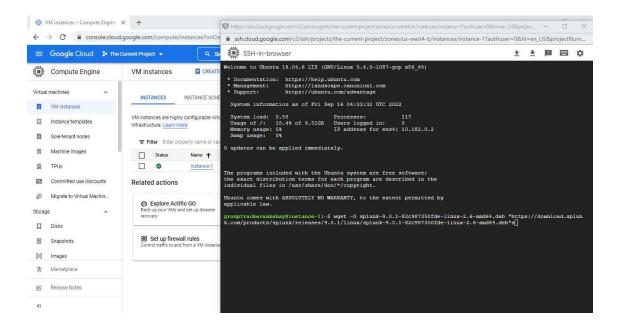
You first need to create virtual machine instance and configure it's book disk for the Ubuntu System.

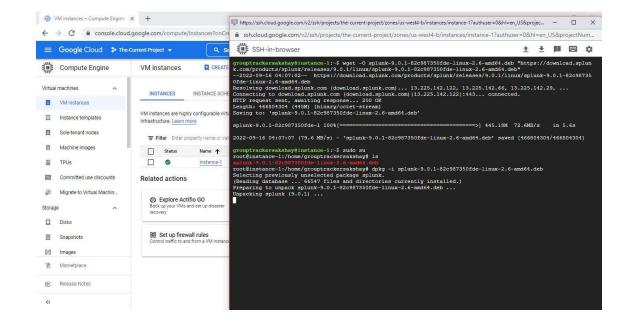


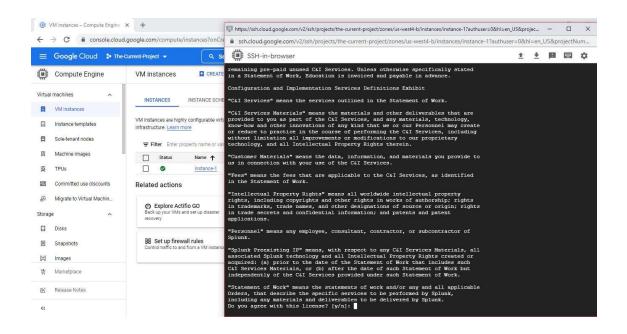


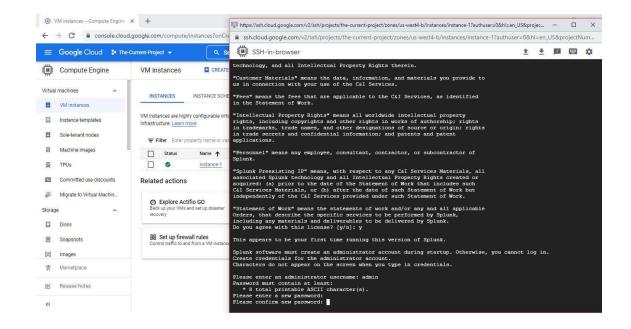
2. Download Splunk file on the vm ssh terminal and activate the environment

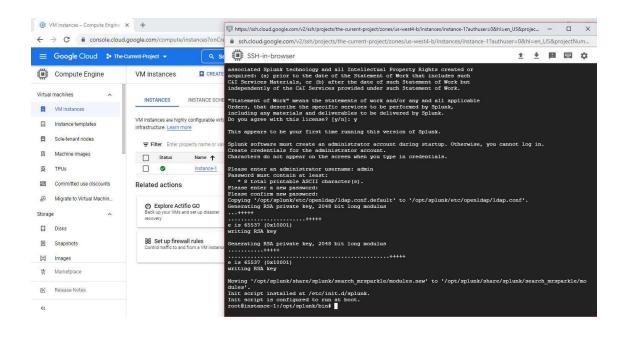
Using the Wget command and the URL of the splunk installation file download the package on SSH terminal and install the environment.

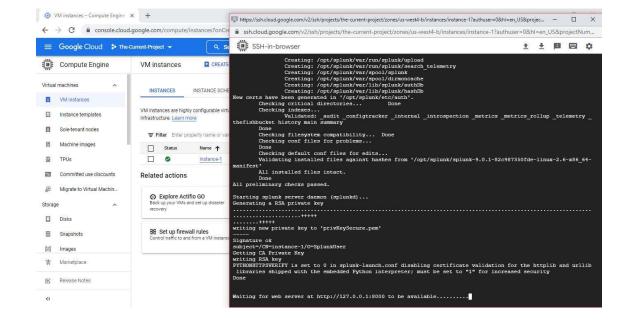




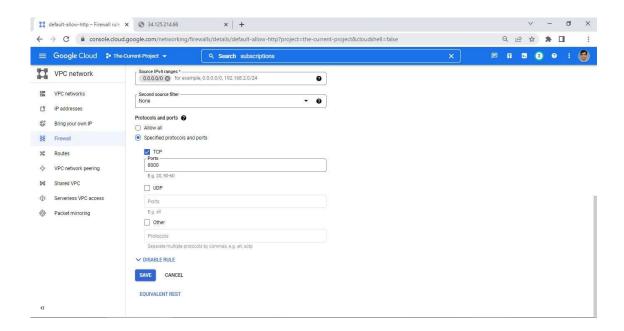




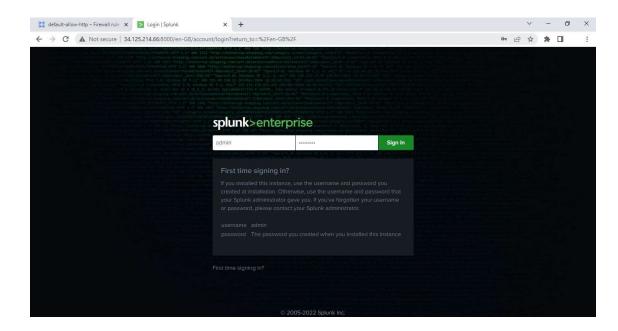




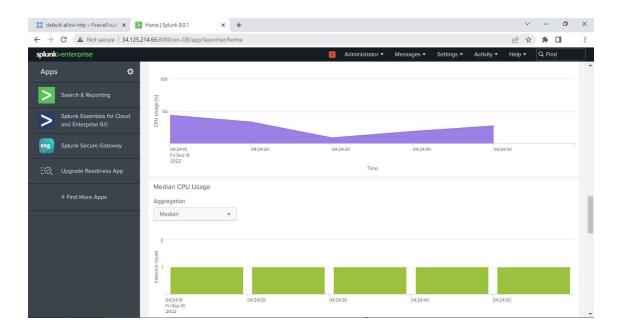
3. In the firewall rules allow http traffic to port 8000 Change the port of http firewall rule to TCP 8000, which is required to launch splunk admin website to browser.



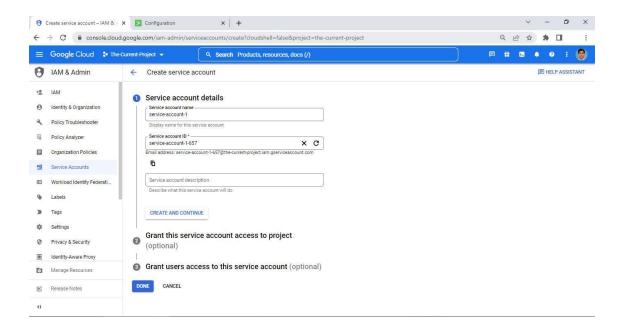
4. open the splunk admin panel. Login with the username and password which was set while creating splunk environment.



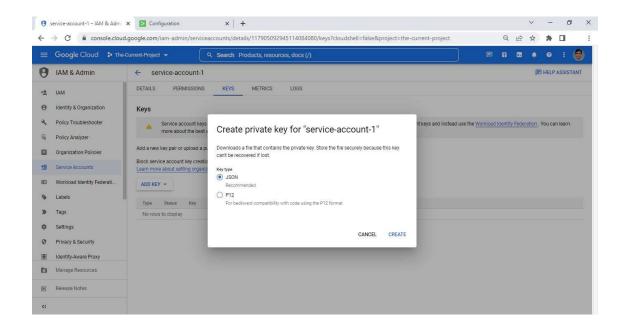
5. You can monitor instance utilization graphs over dashboard.



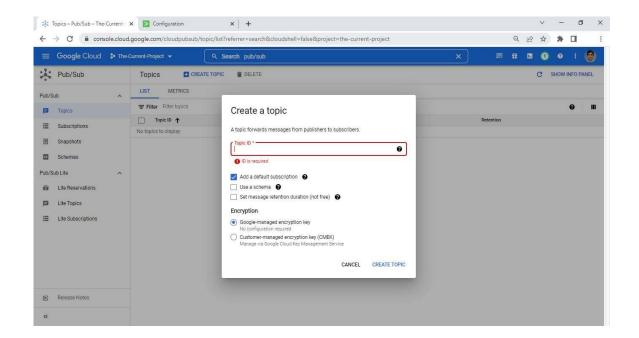
6. Create service account from GCP console with PUB/SUB publisher role.

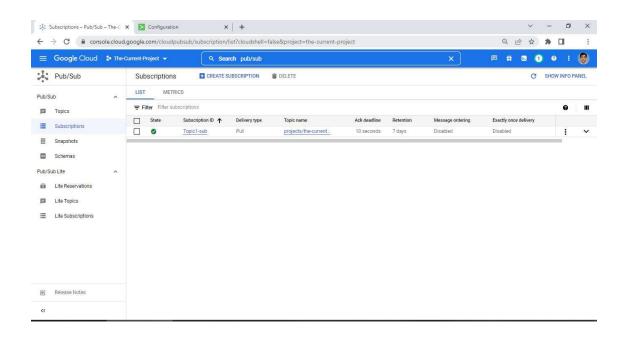


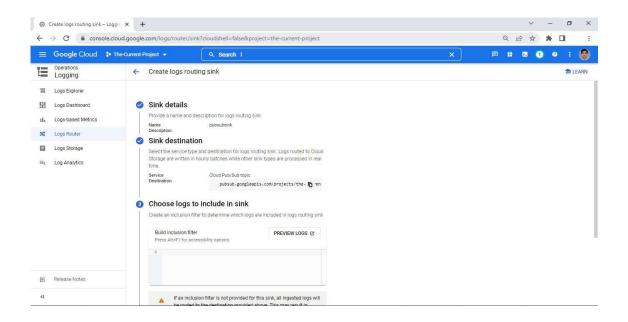
7. In the key section of Service Account create a private key of service account in Json format.



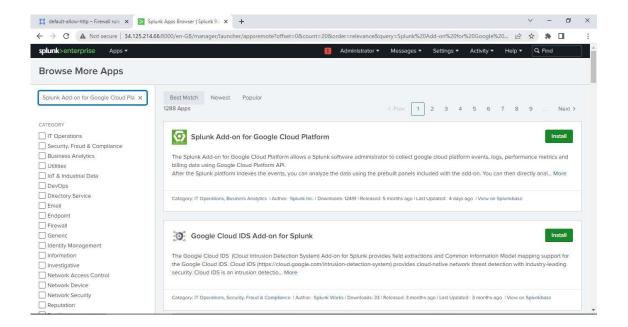
8. Create a PUB/SUB topic and subscription for the same topic and route the subscription to get logging information.



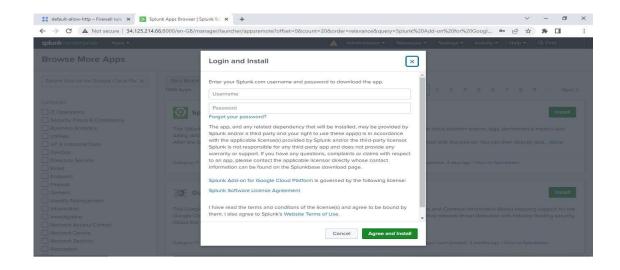


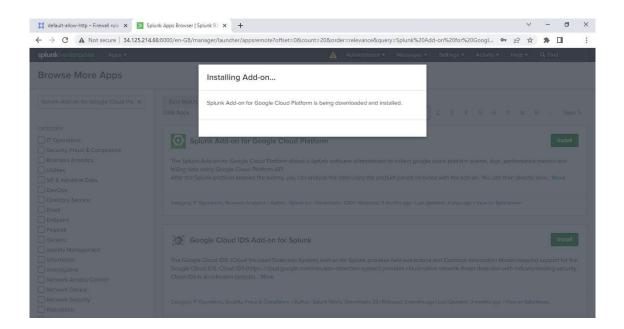


9. On the splunk website search for "splunk add-on for google cloud platform" and install the add-on.

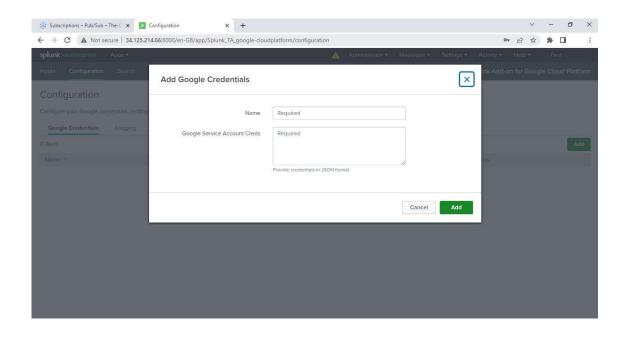


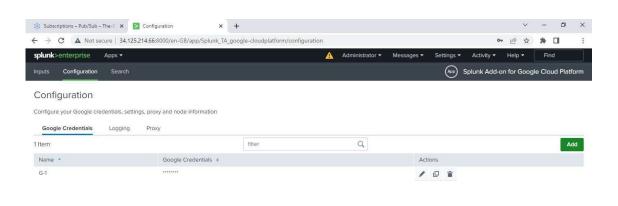
## 10. While installing add-on you need to validate your account credentials.





11.In the google credential section add the name of your choice and service account credentials stored in Json file.





12.In the Input section create new input and add necessary details to it.

