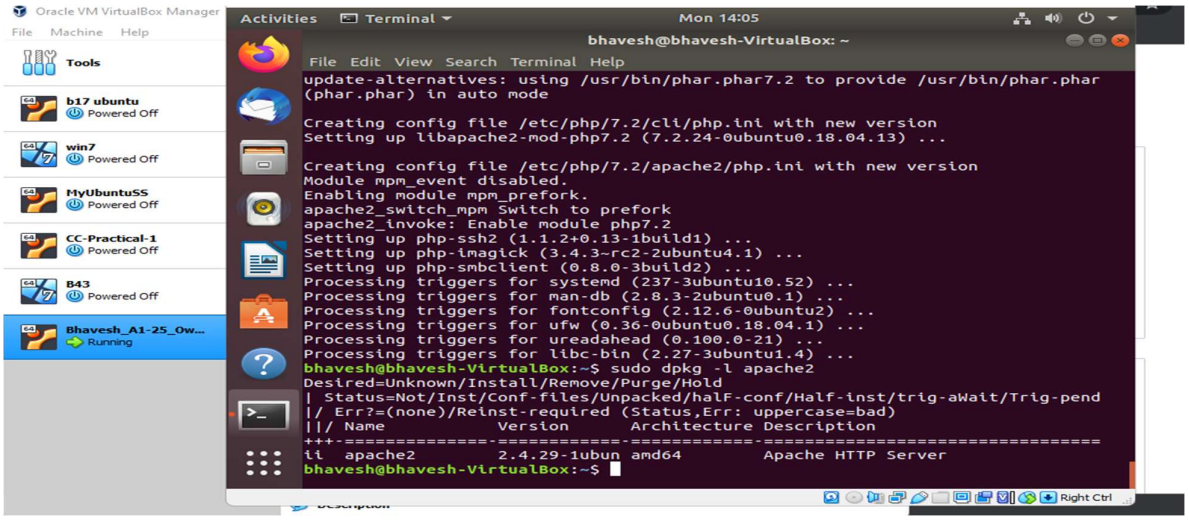
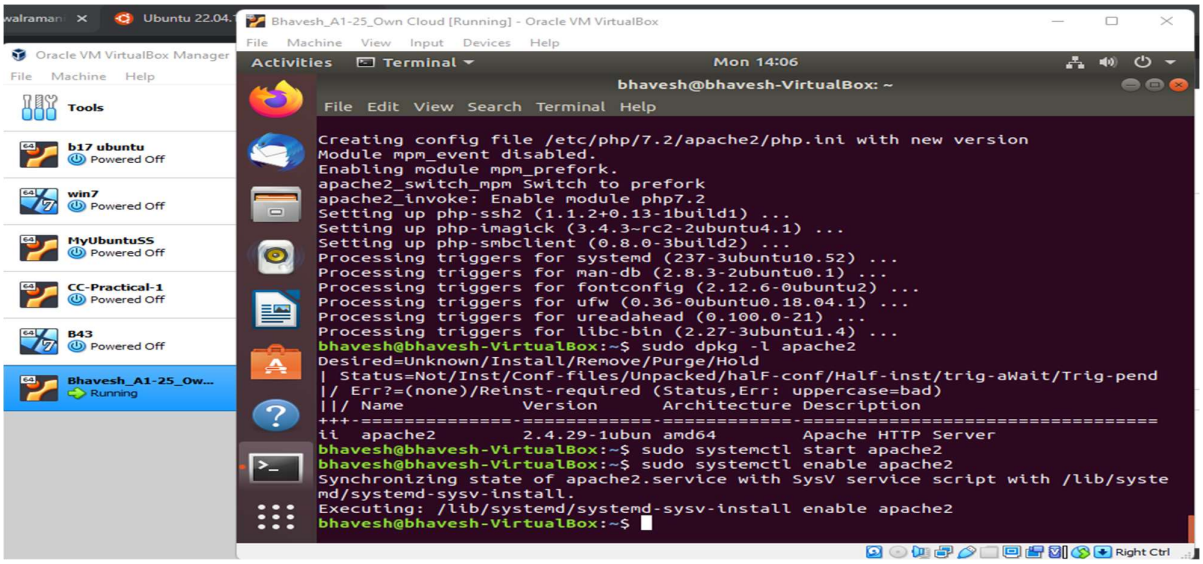
Name: Bhavesh Kewalramani
Roll No.-25
Section: A
Semester: VII
Batch: A1

Aim: To Familiarization and usage of collaborative applications (PaaS).

Output:

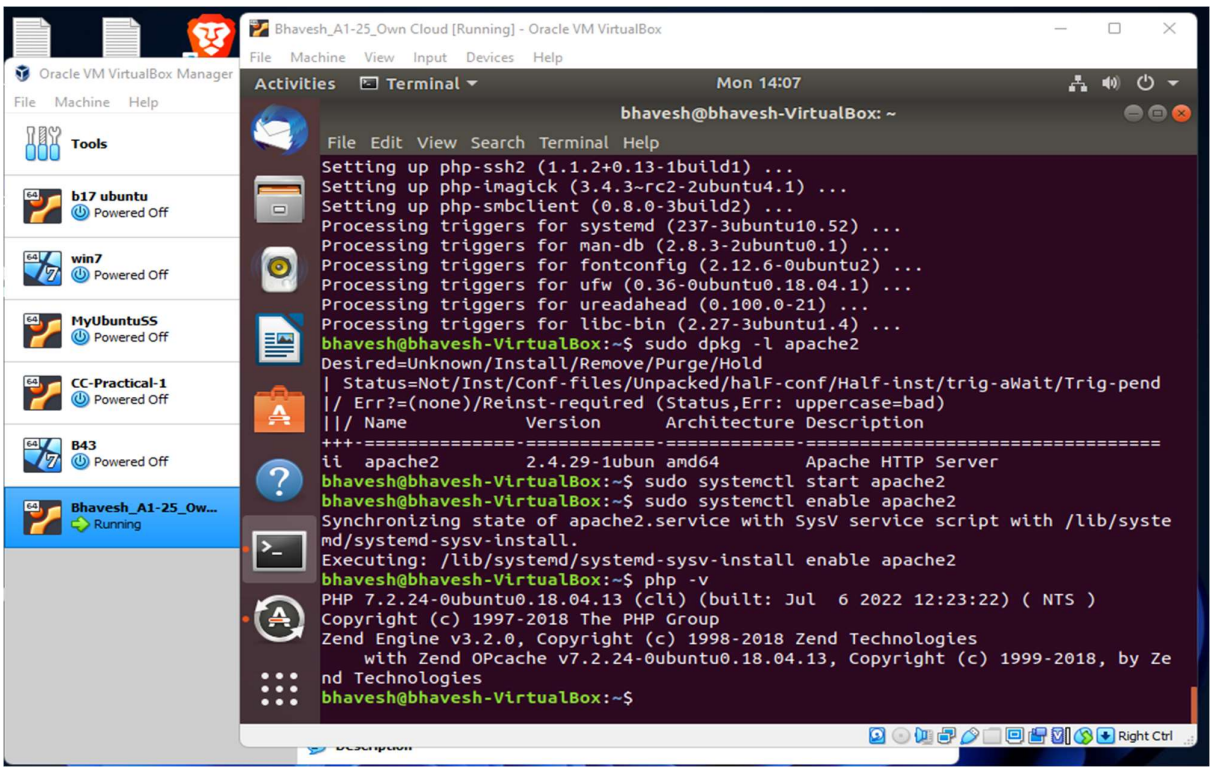


Checking the details of Apache

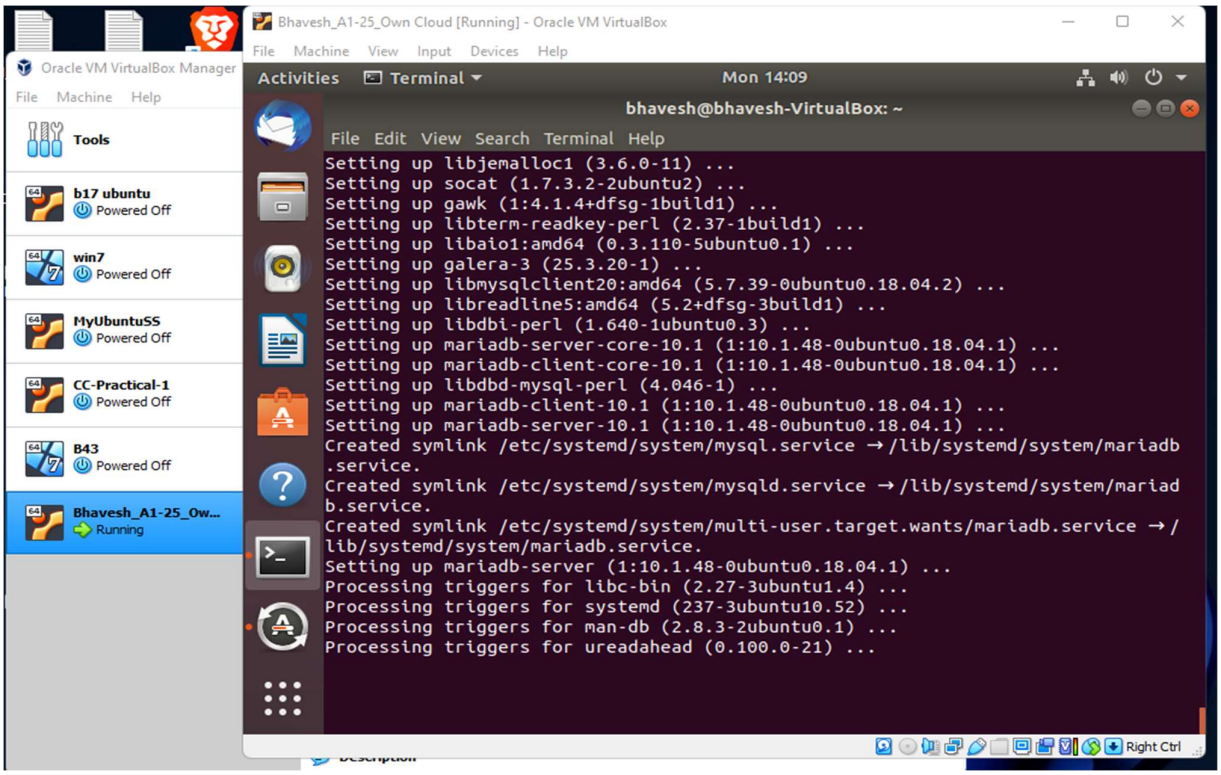


Starting and enabling the apache2 service

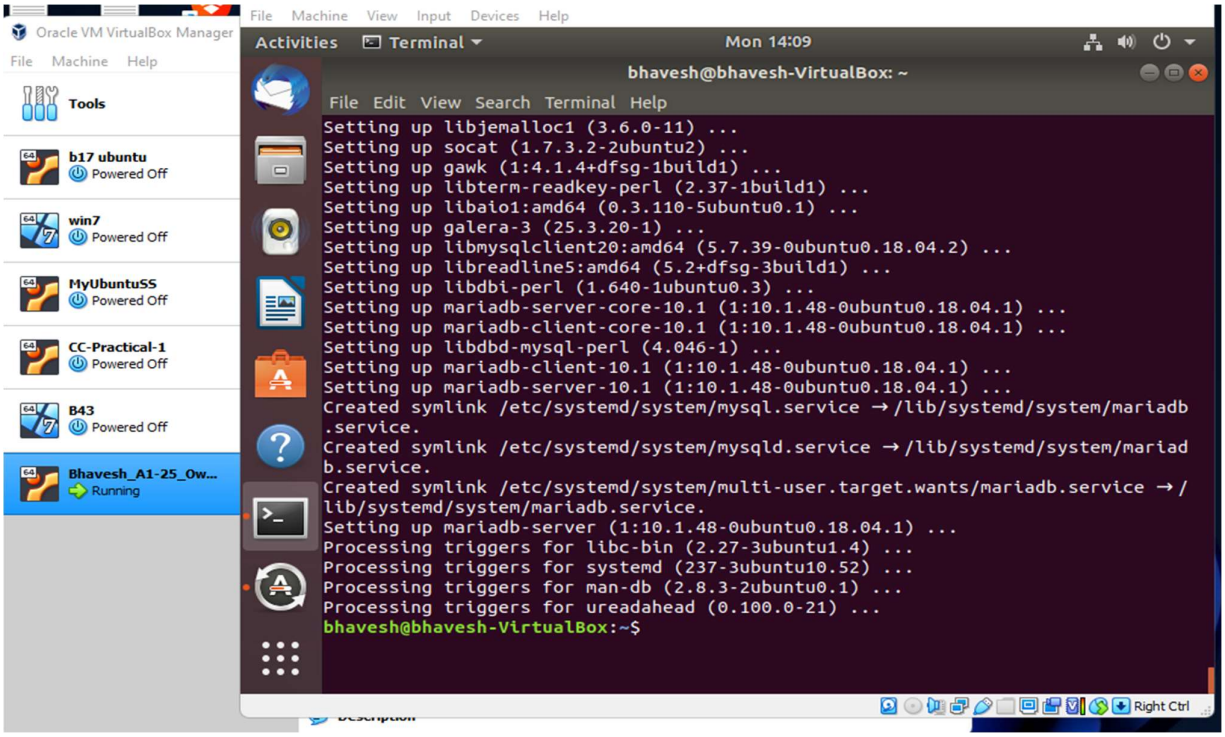
Checking if the apache2 service have been started successfully or not



Checking the version of php installalled on the system



Installing all the dependencies required for owncloud



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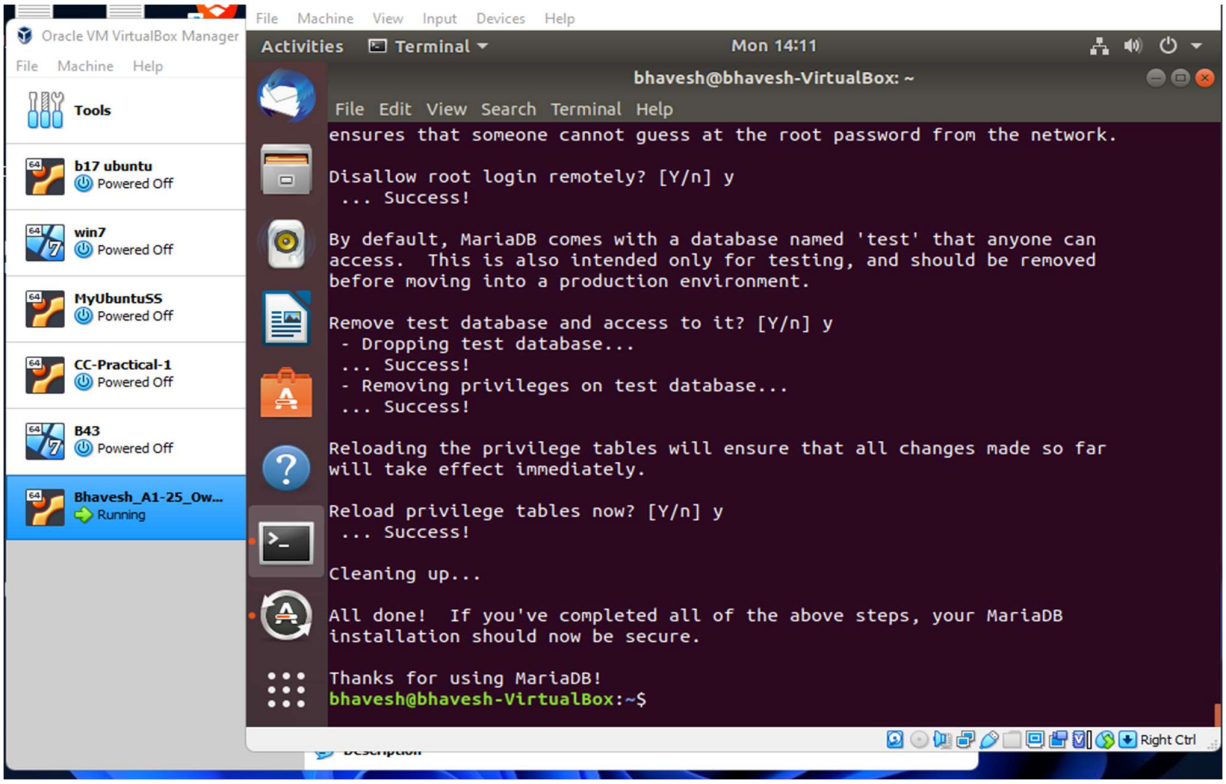
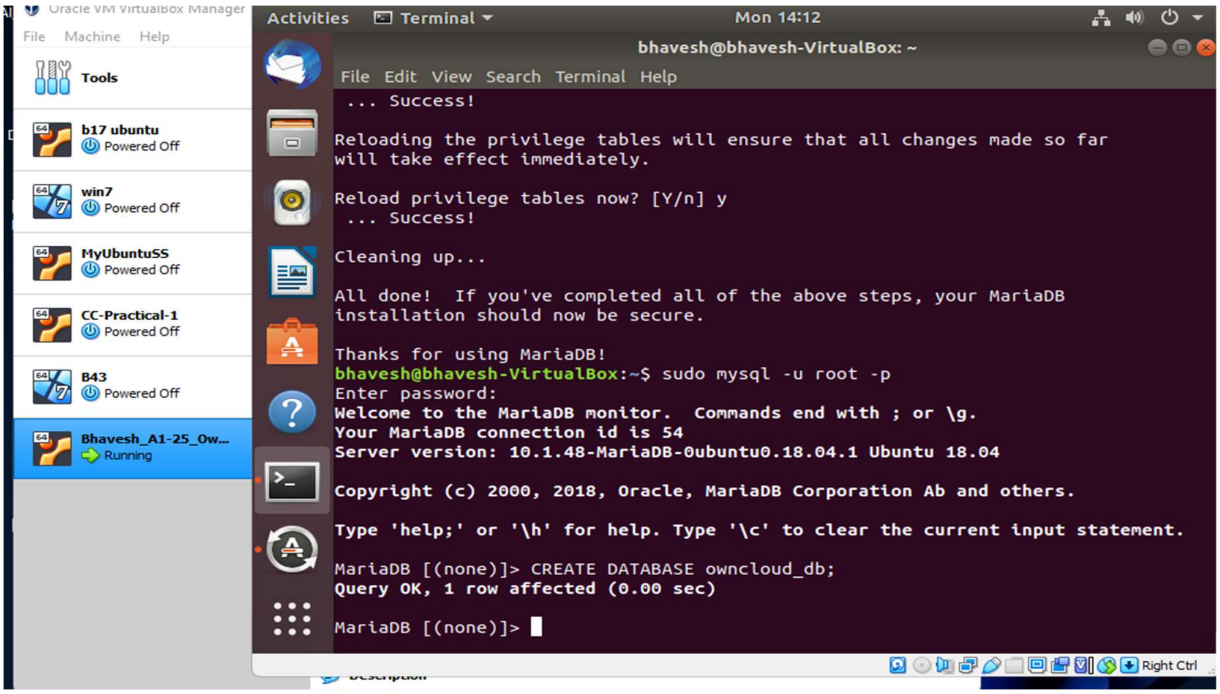
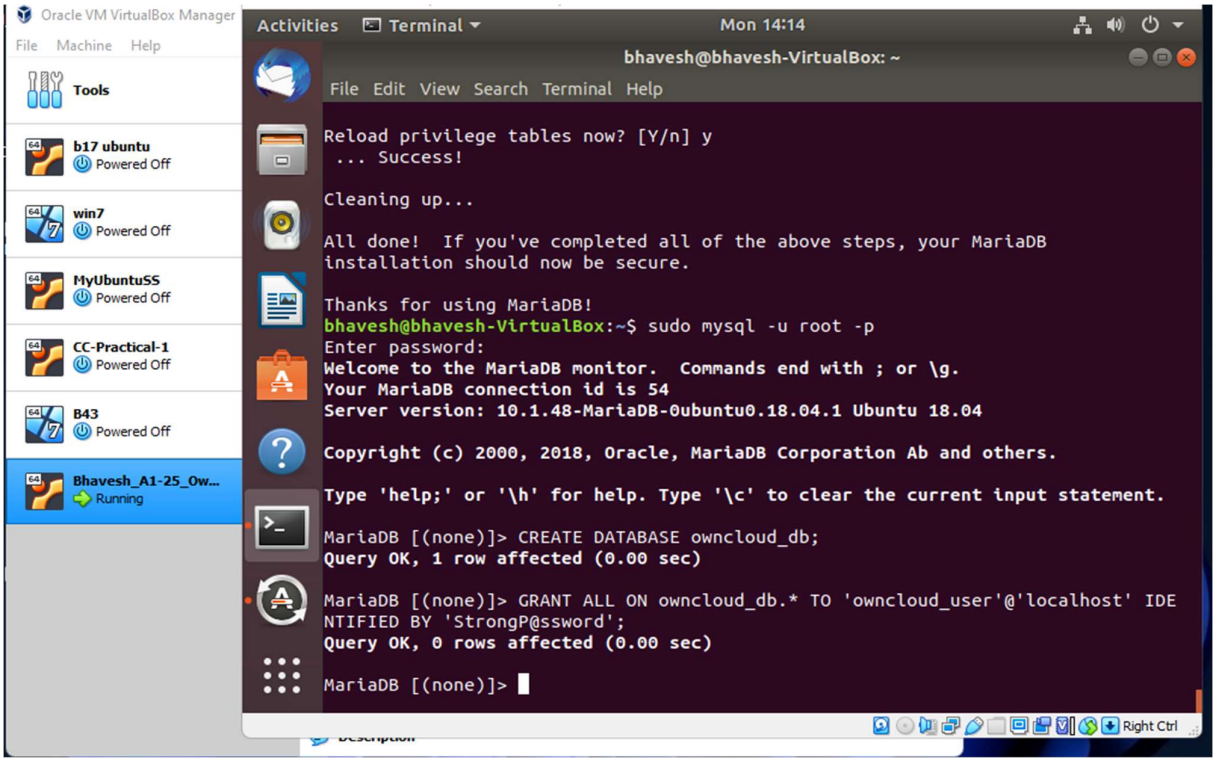


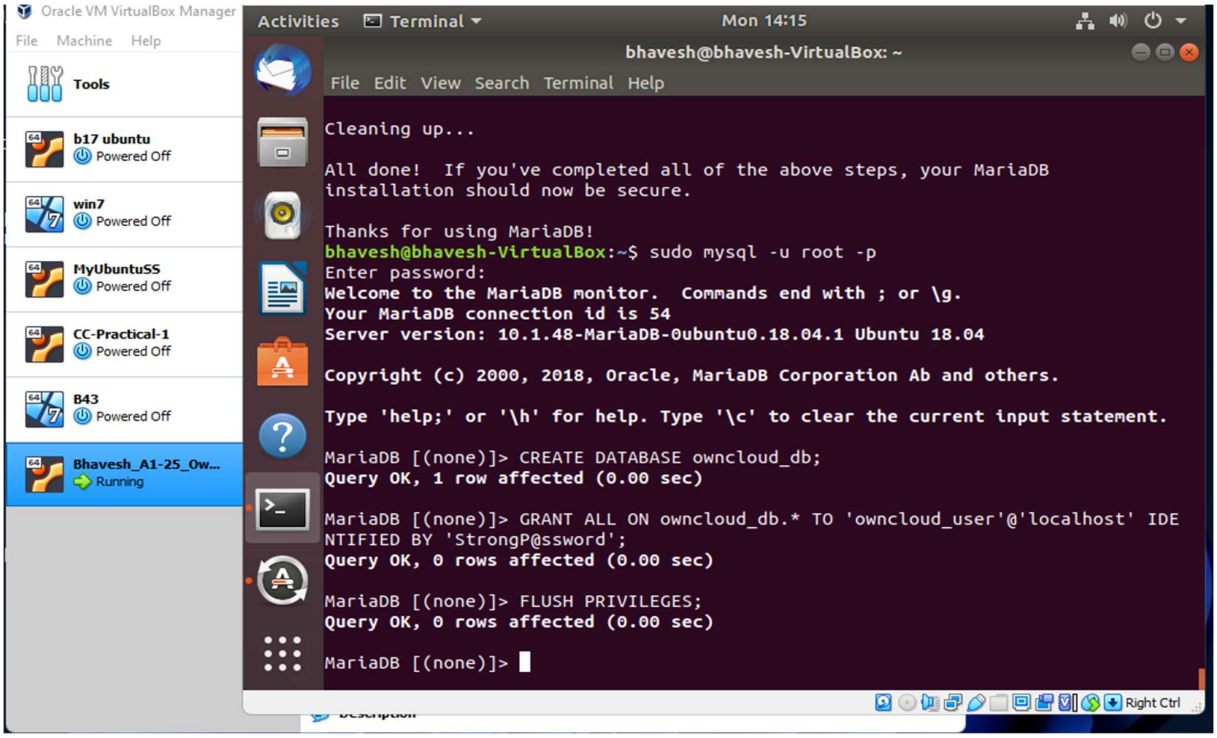
Installing the MariaDB Database



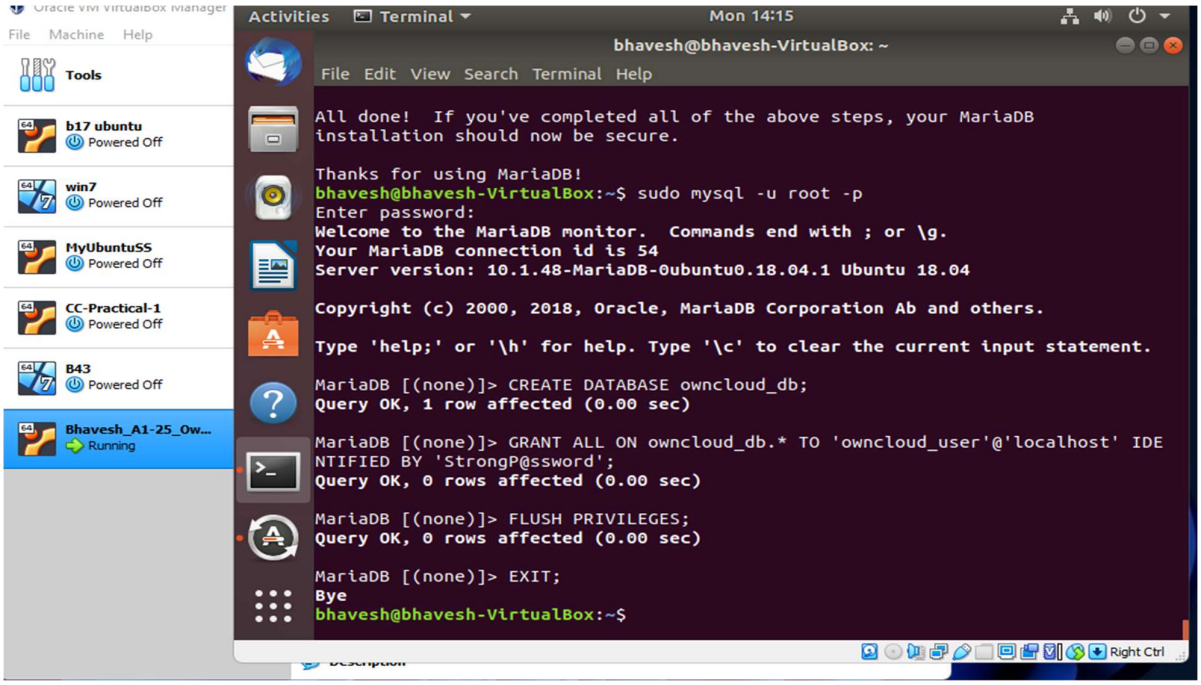
Started the MariaDB Database and created the table named owncloud_db



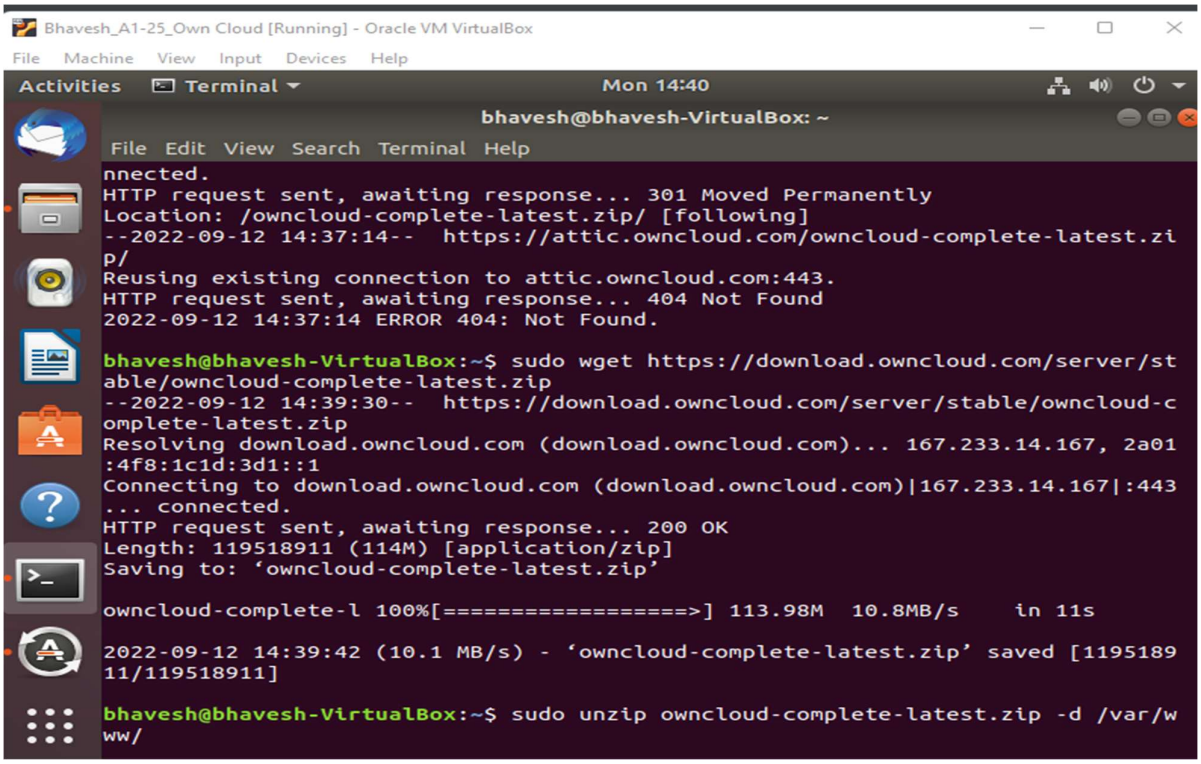
Granted all the required permission of owncloud_db to owncloud user



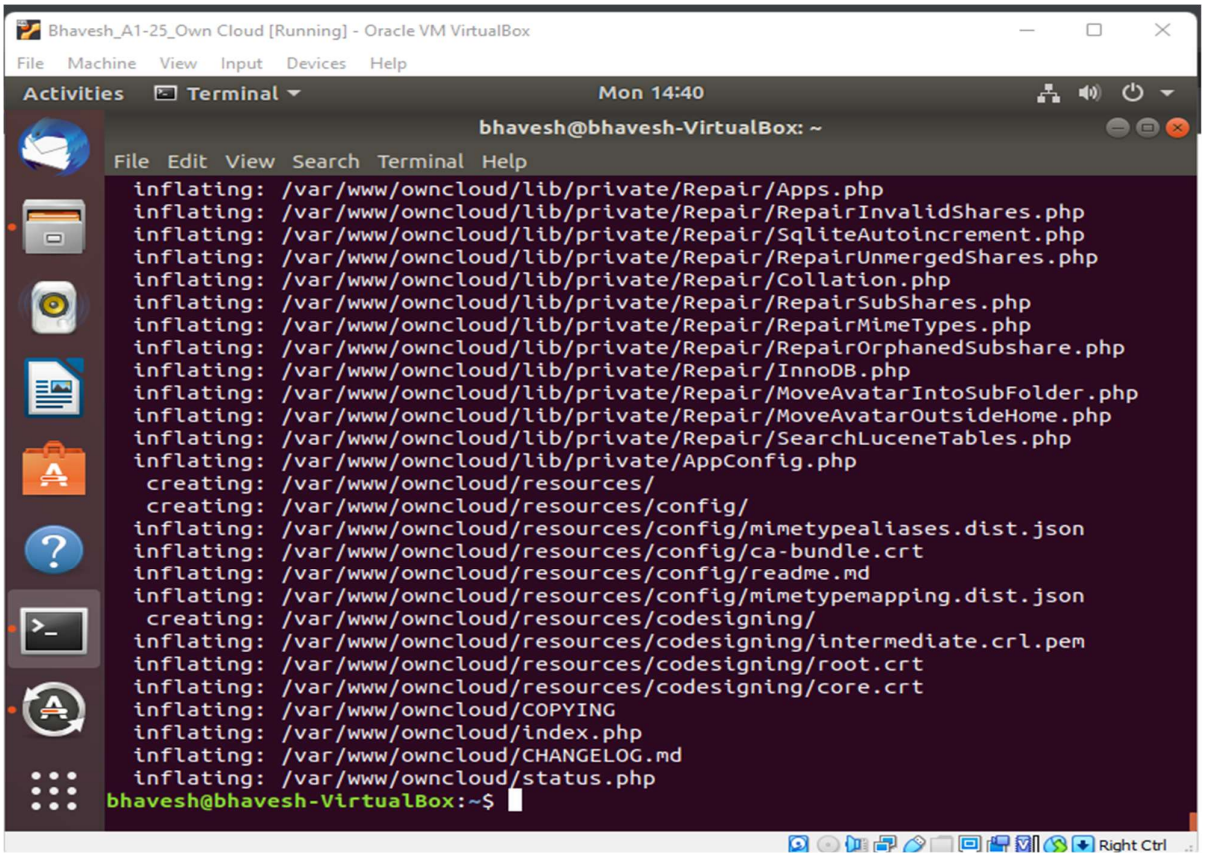
Flushed the privileges



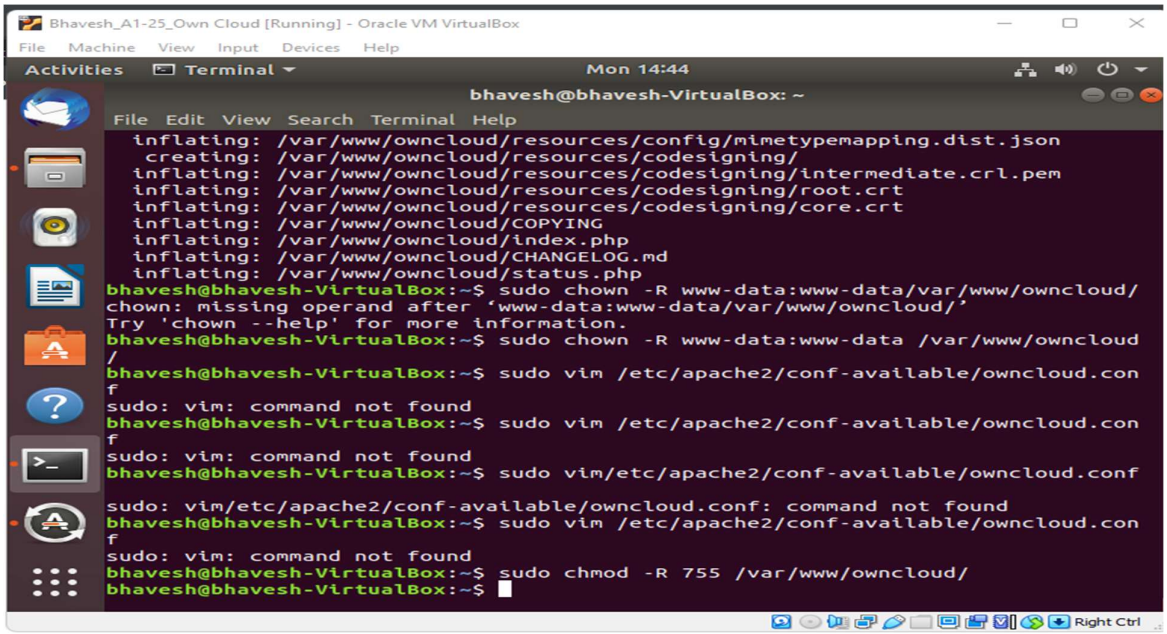
Exited the MariaDB Database



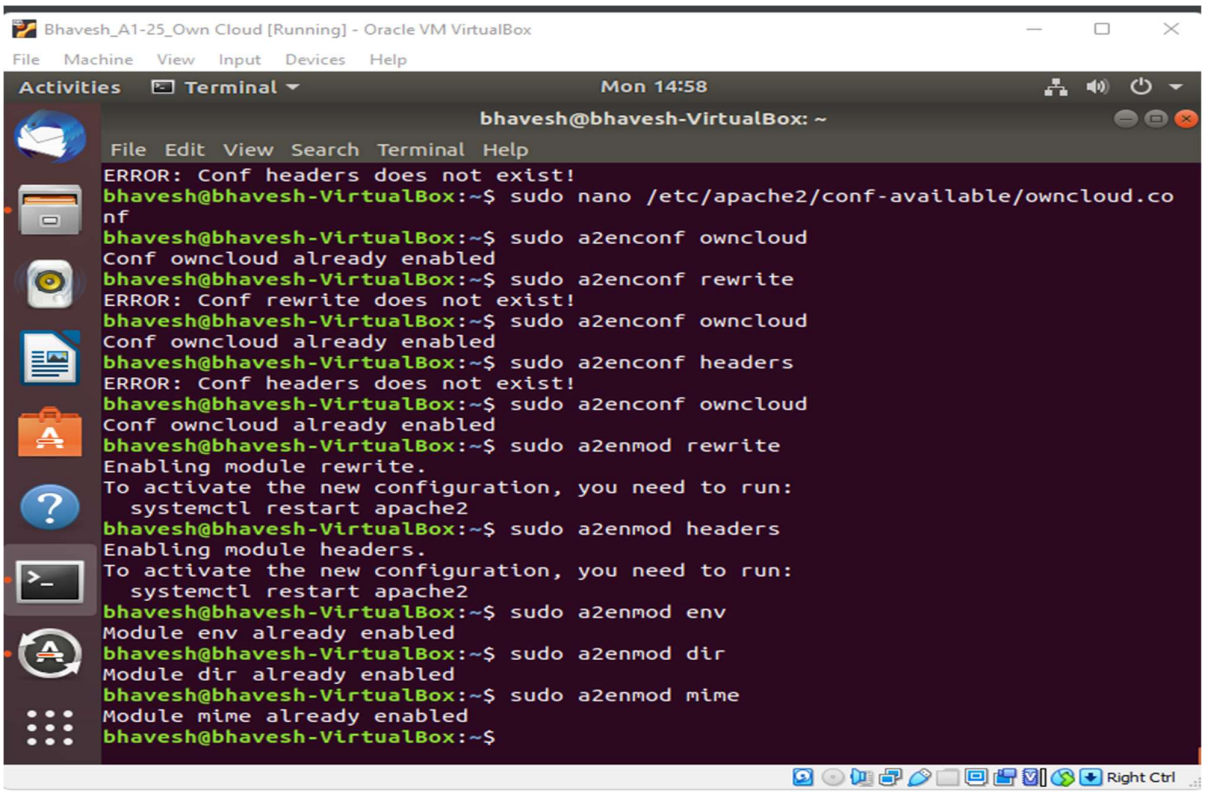
Downloaded the zip file of owncloud from
https://download.owncloud.com/server/stable/owncloud-complete-latest.zip
website



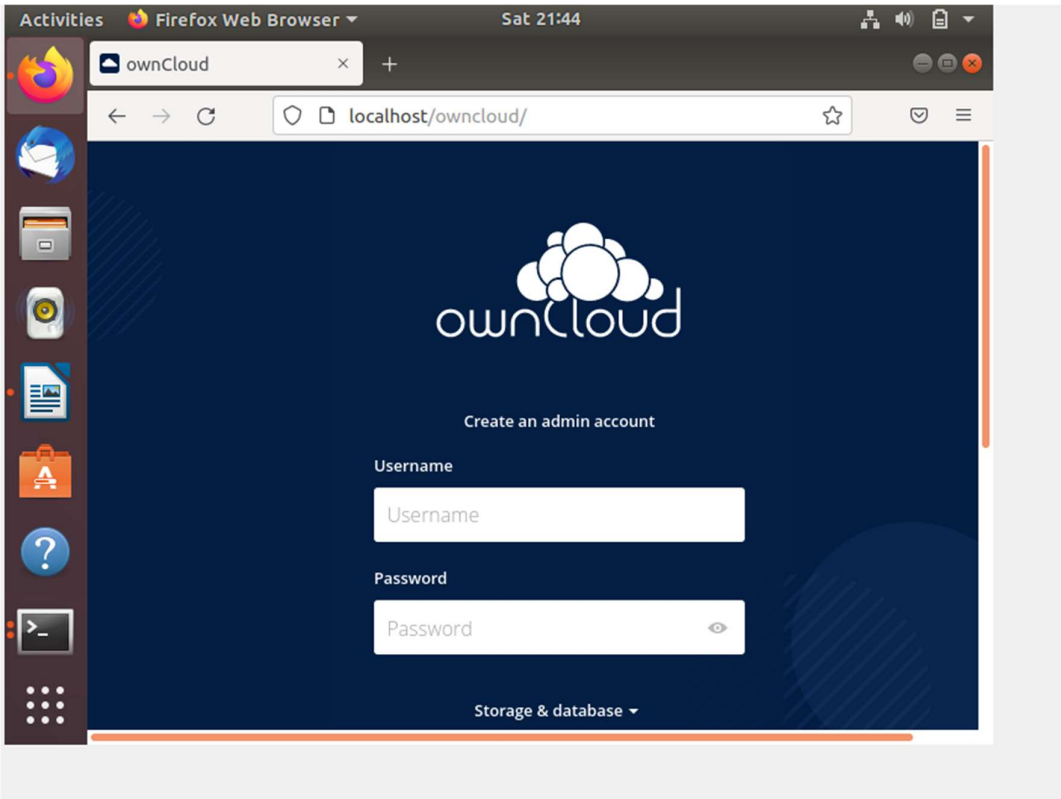
Extracted the downloaded zip file in /var/www/owncloud folder.

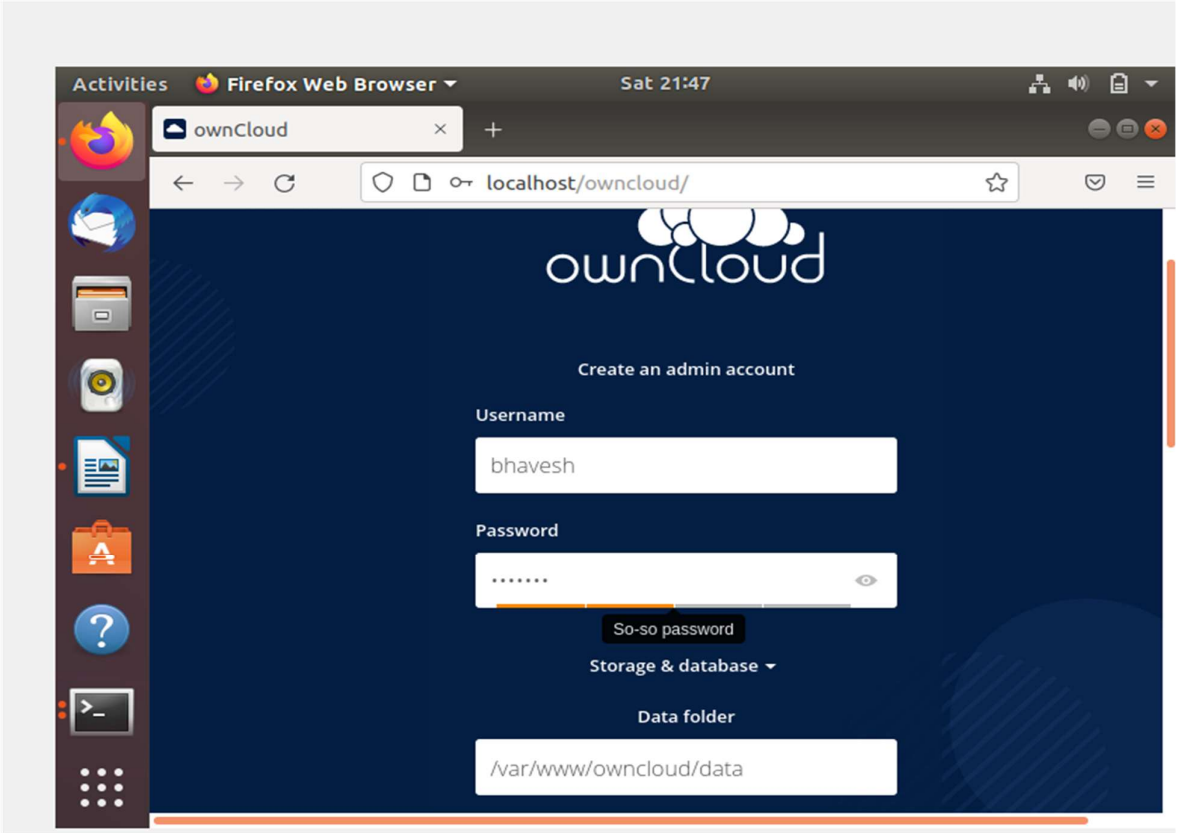


Changed the file owner to the current user using chown and changed the mode using chmod.

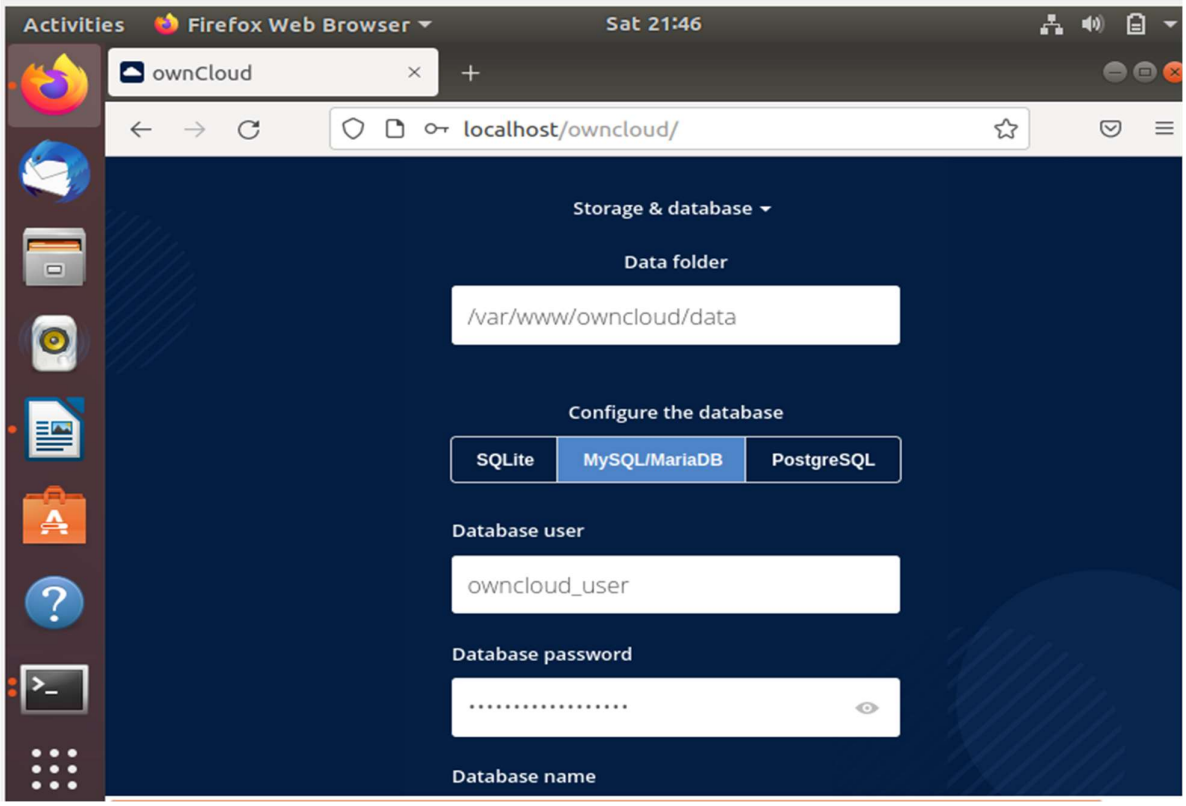


Enabled all the apache2 modules and new added configurations.

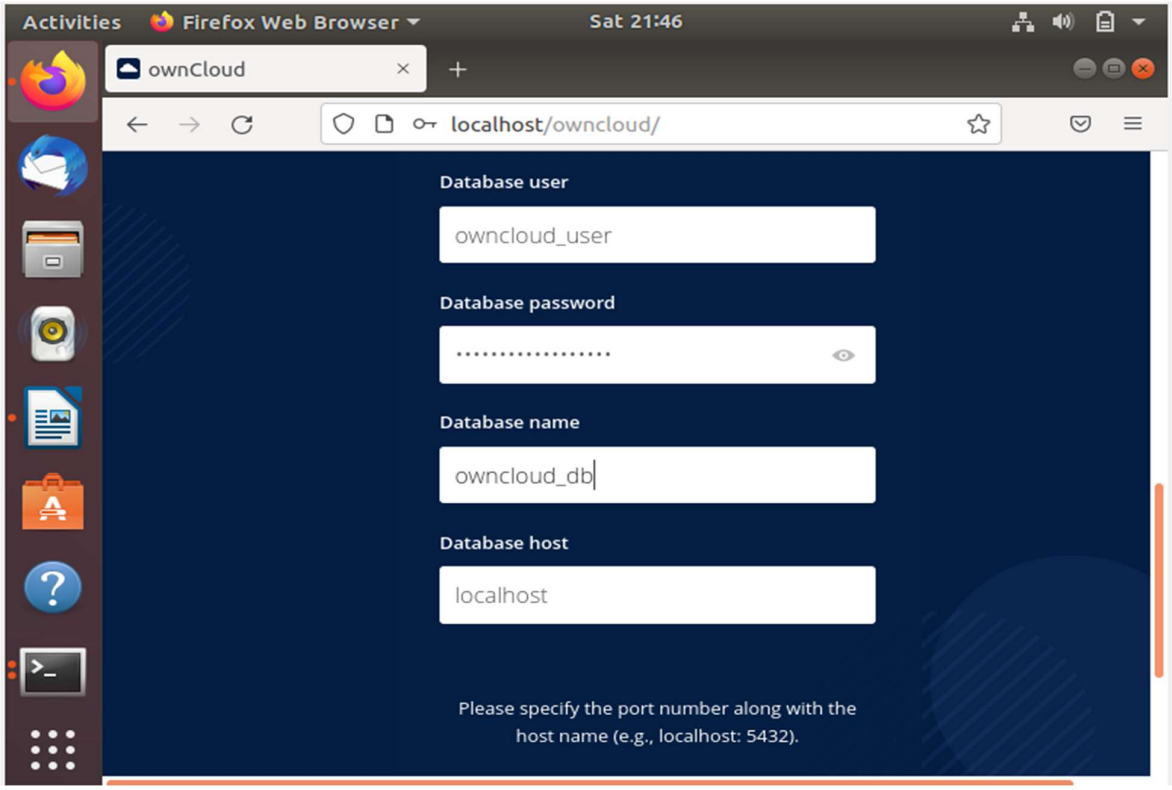




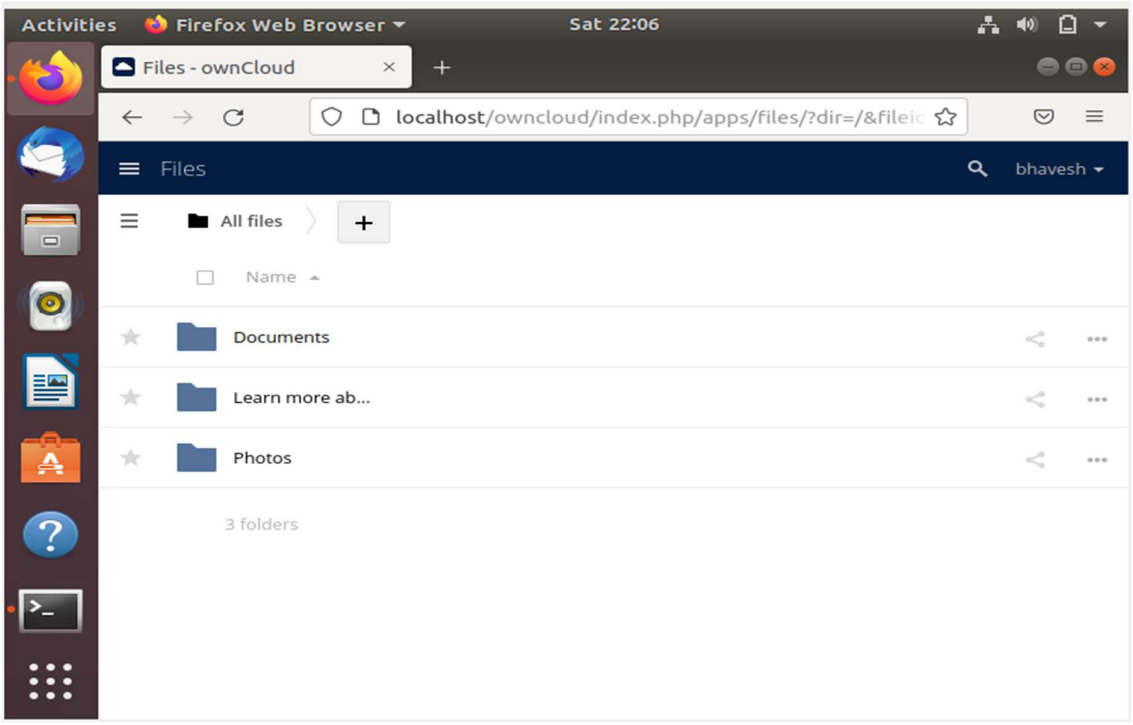
Visiting the https://localhost/owncloud to use the services.



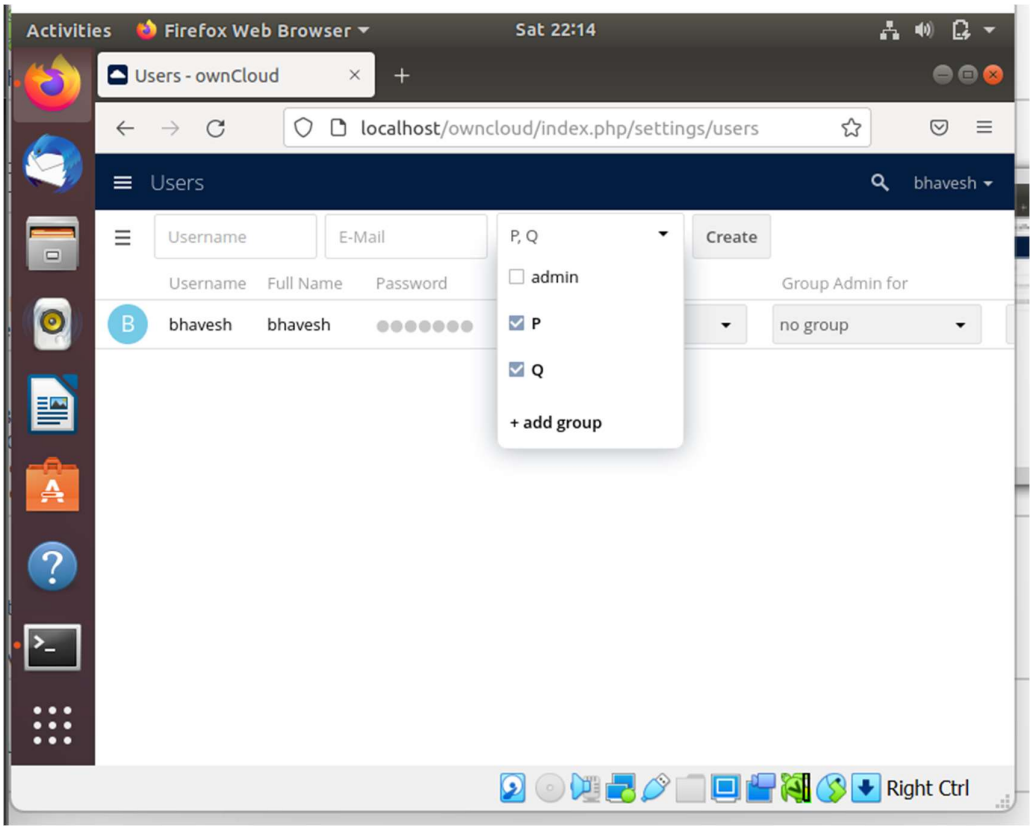
Configuring the database with the details used earlier in the terminal.



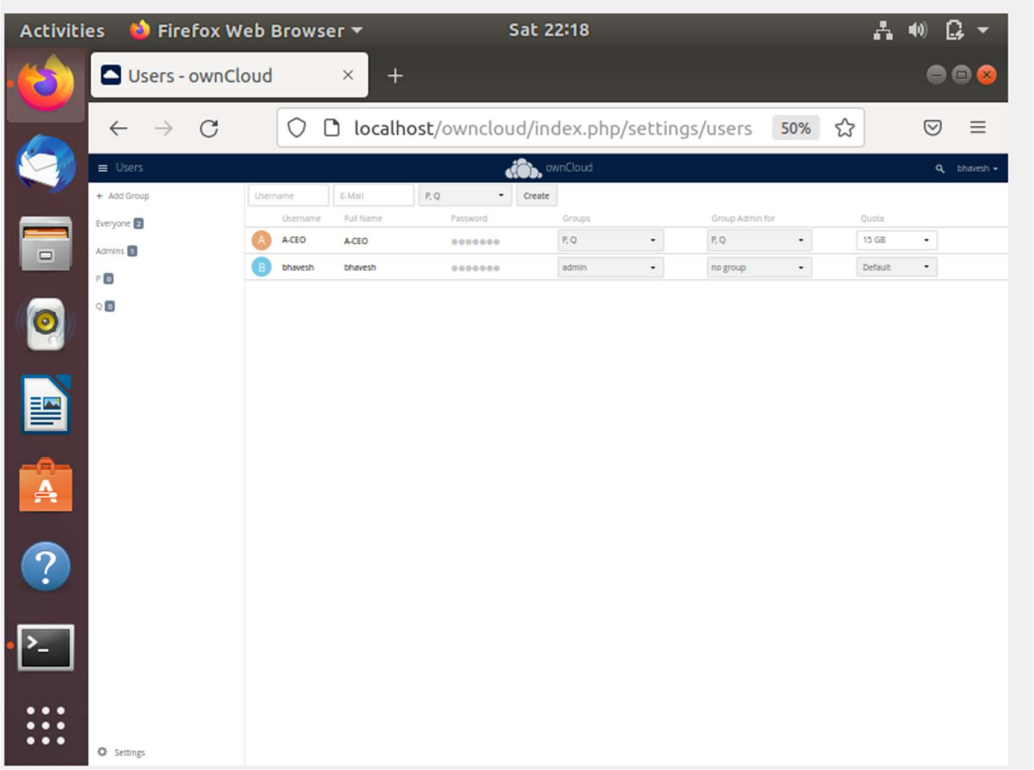
Putting all the required details in the form and then submitting it



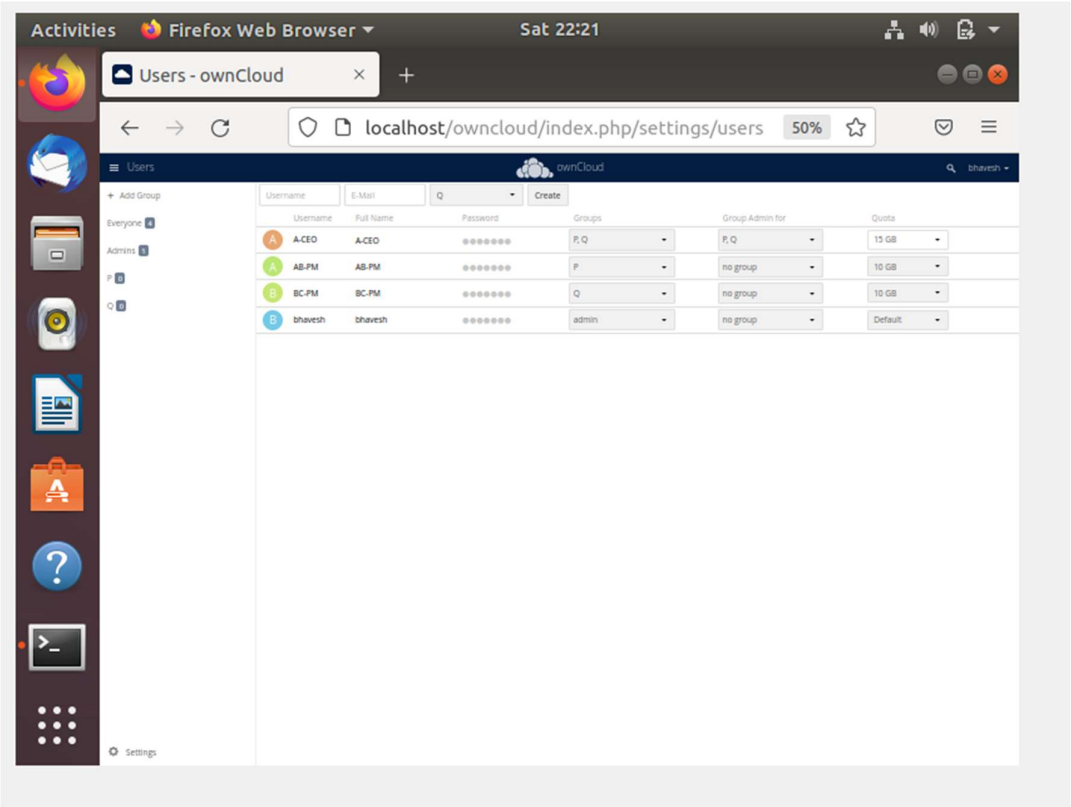
After logging in to the owncloud, you can see documents and other folders present int it



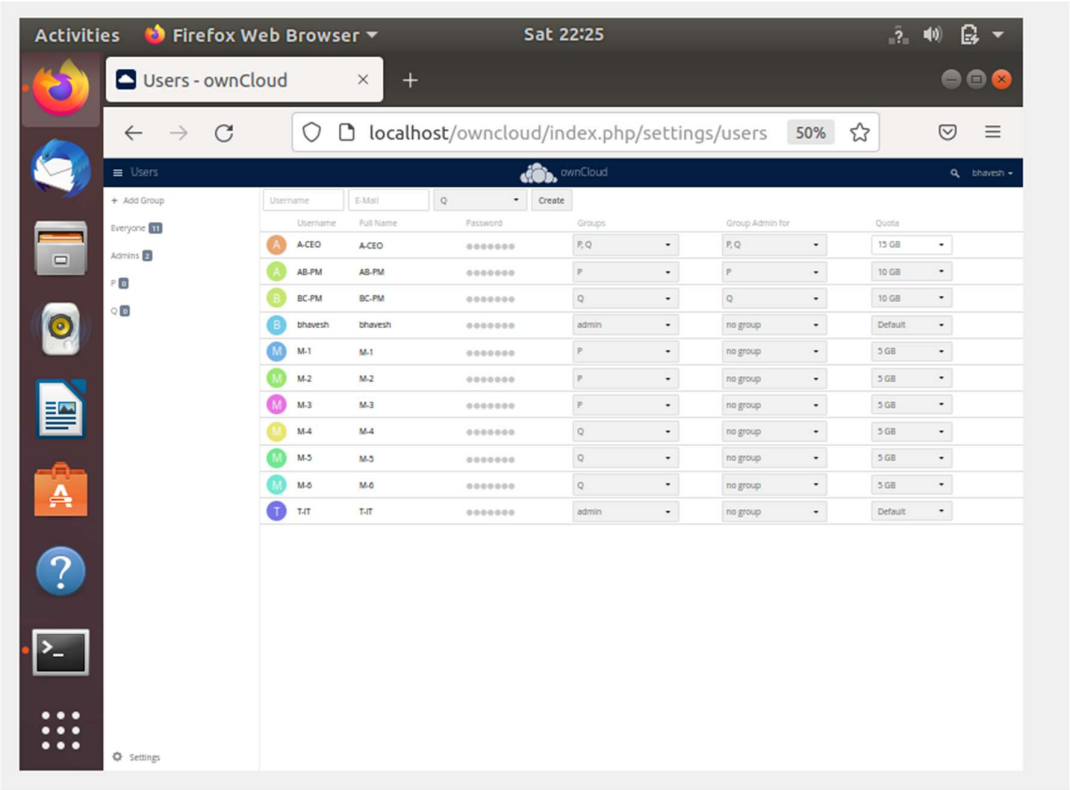
Created two groups P and Q as per the given problem statement



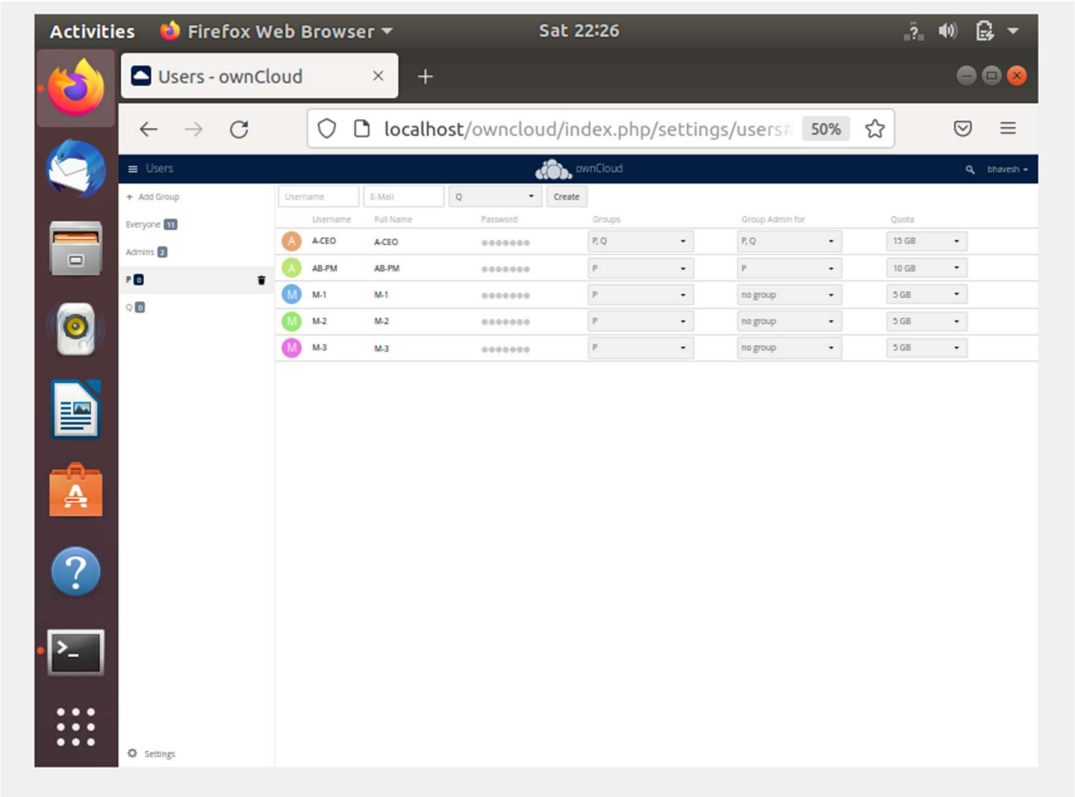
Created a Mr. A as CEO who have access to all the files of Group P and Q. Assigned the storage 15 GB



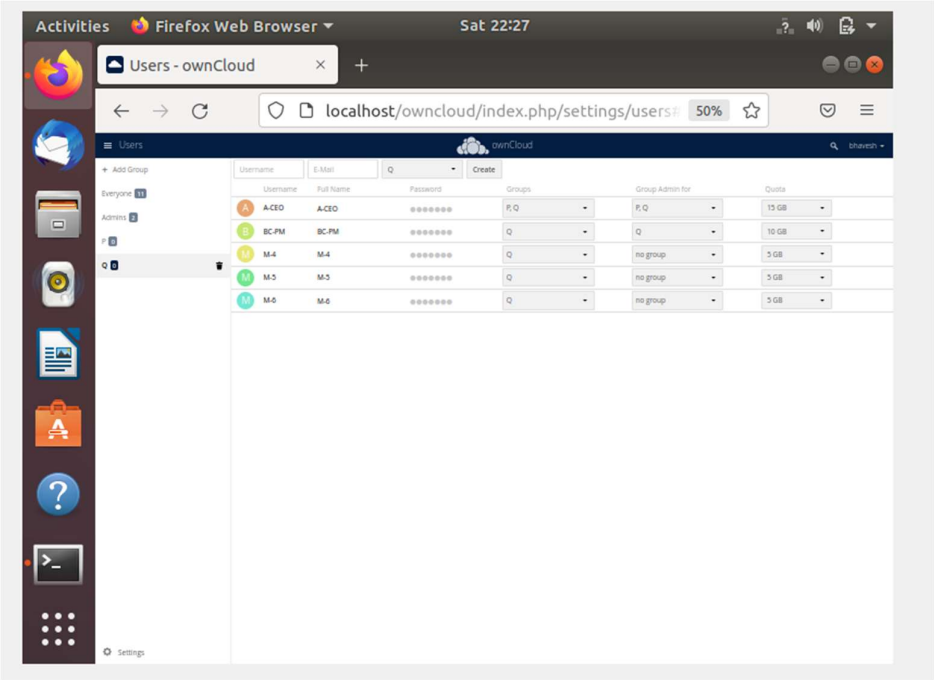
Created Mr. AB and Mr. BC as project managers and assigned of 10 GB to each of them. They also have the access of Group P and Q respectively



Created M1, M2, M3, M4, M5 and M6 users. They are the employees and assigned a storage of 5 GB to each of them.



We can see all the members present in Group p



We can see all the members present in Group Q

Conclusion:

ownCloud is open by nature and designed to integrate with existing infrastructure, management and security tools. A comprehensive set of APIs and native integrations enable anytime, anywhere access to all your data, wherever it resides.