Article
Kate Lau · Mar 15, 2023 2m read

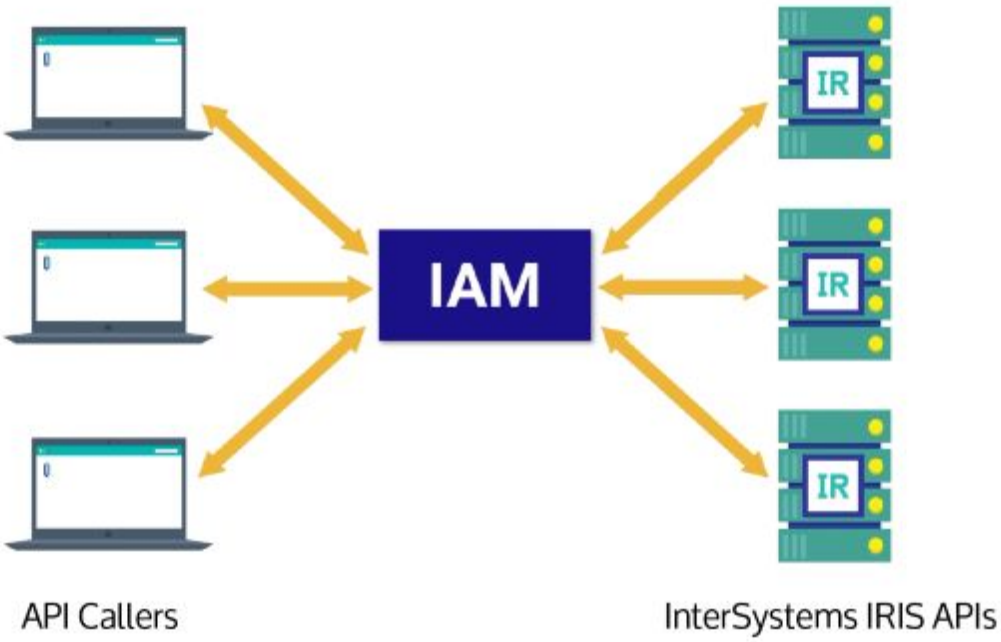
Walk through of deploying InterSystems API Manager (IAM) on AWS EC2

In this article, I am trying to walk through my deploying step of IAM on my EC2(ubuntu).

What is IAM?

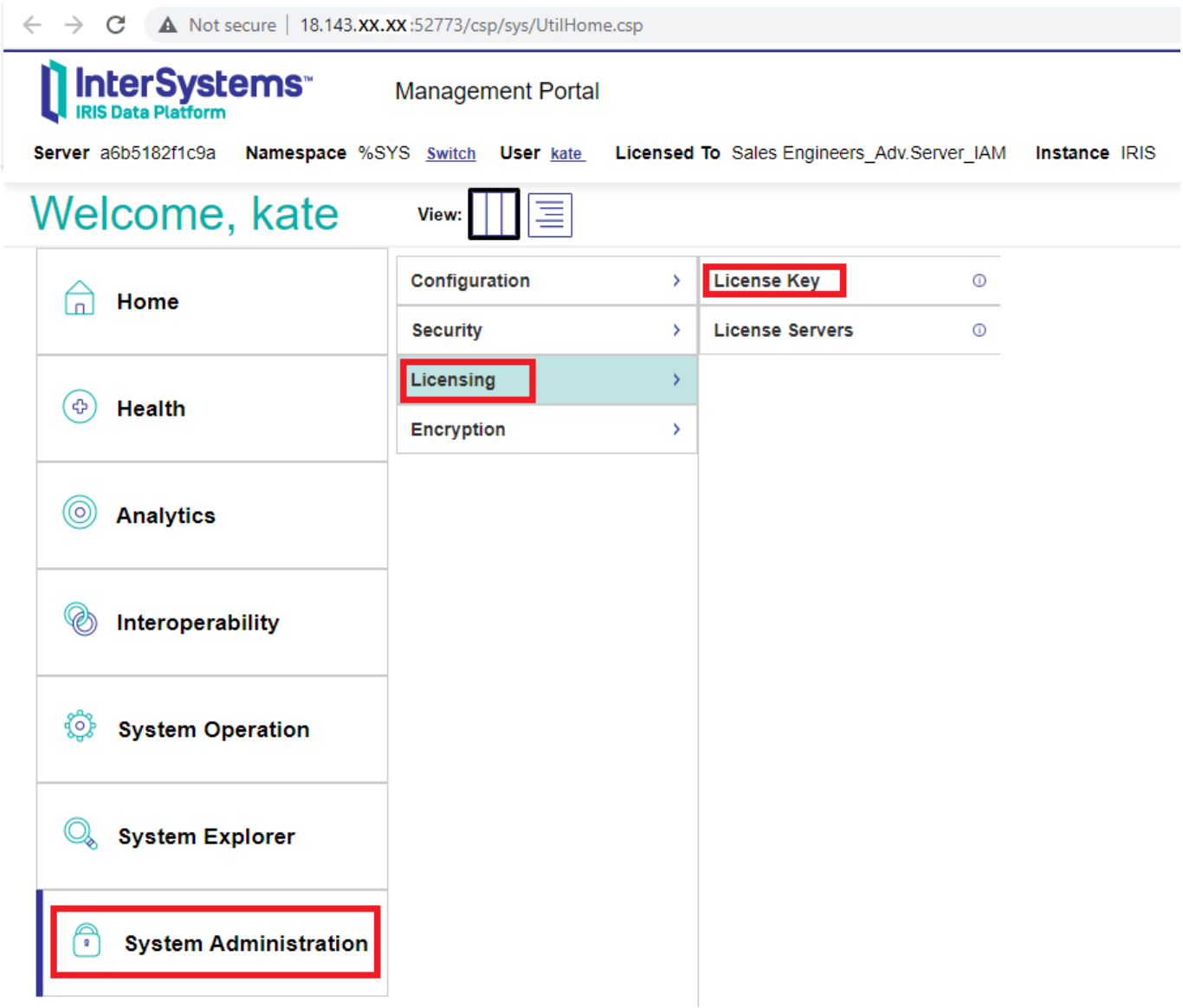
IAM is InterSystems API Manager
you may reference to the link below to get more idea about IAM

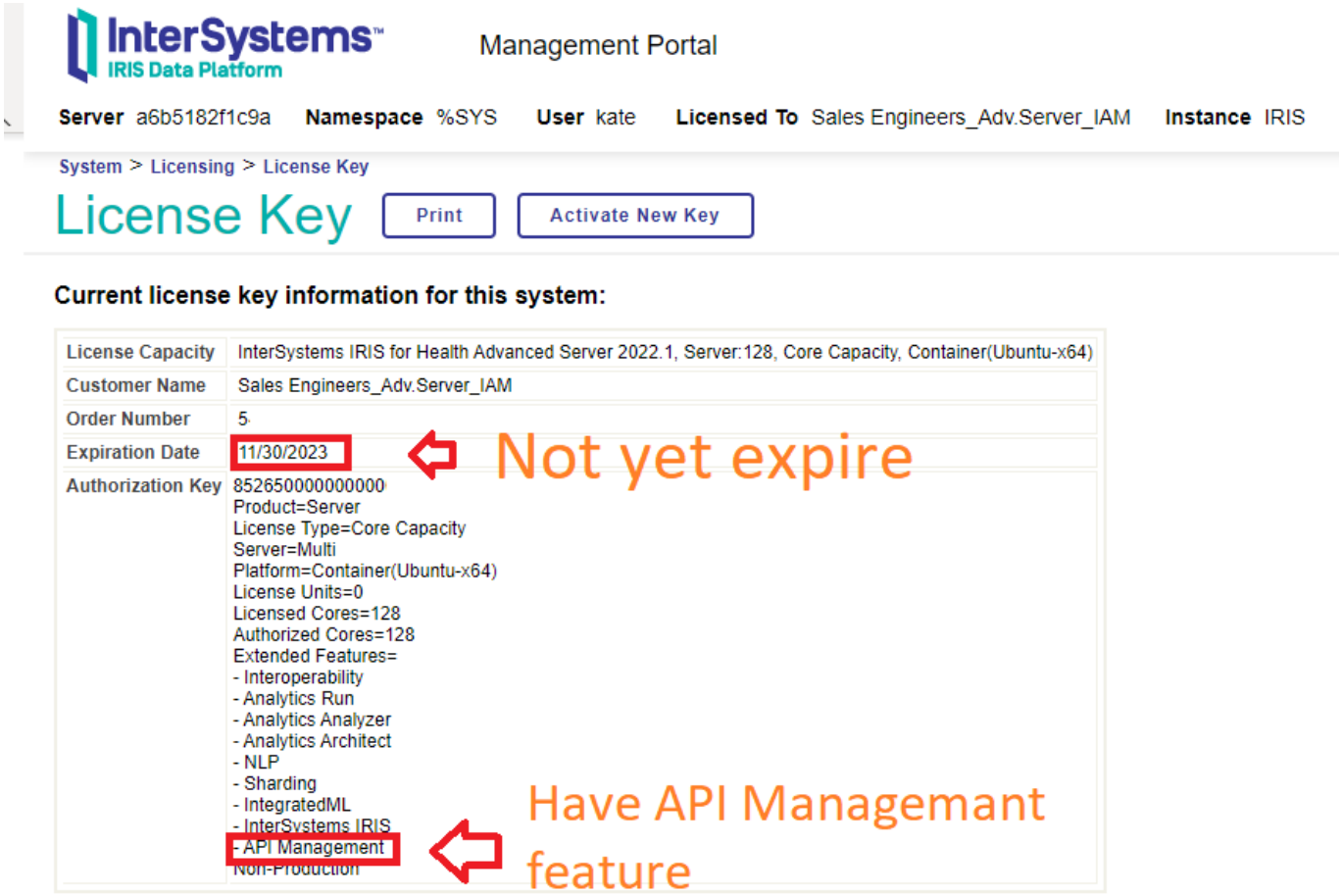
https://docs.intersystems.com/components/csp/docbook/Doc.View.cls?KEY=PAGEapimgr



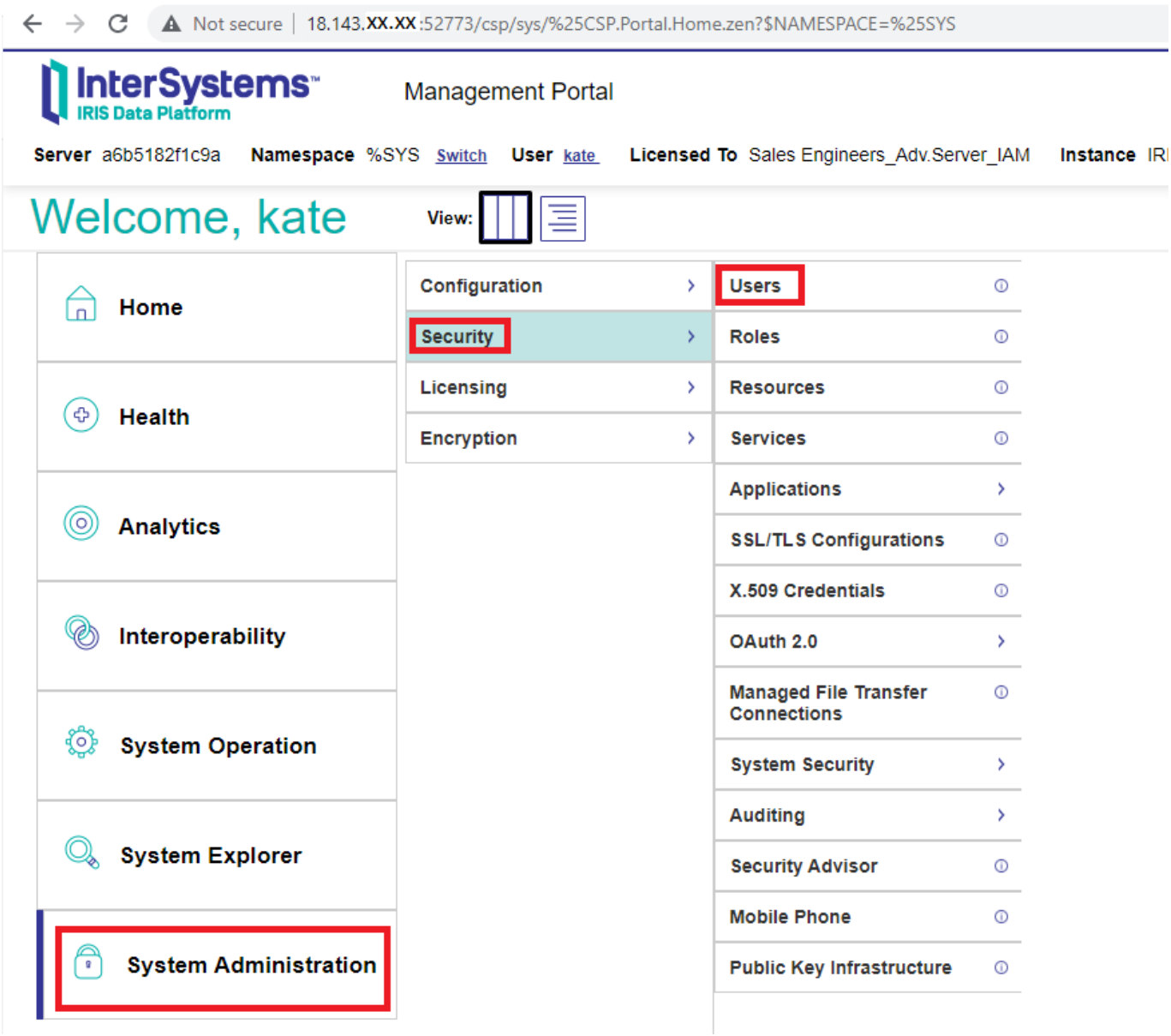
Before deploying IAM

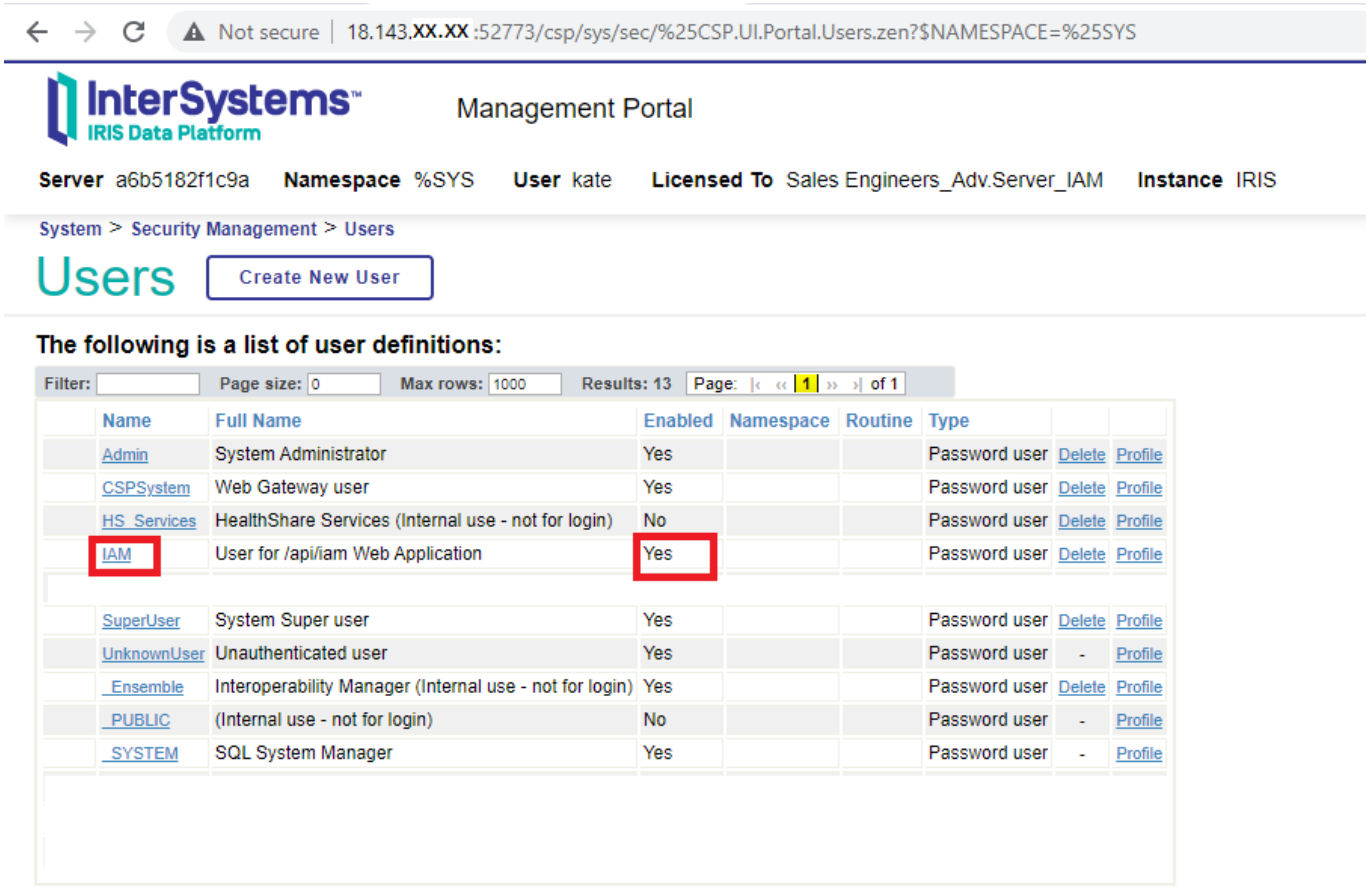
Check the license of your API host


Not secure | 18.143.XX.XX:52773/csp/sys/UtilHome.csp
InterSystems
IRIS Data Platform
Management Portal
Server a6b5182f1c9a Namespace %SYS Switch User kate Licensed To Sales Engineers_Adv.Server_IAM Instance IRIS
Welcome, kate
View:
Home
Health
Analytics
Interoperability
System Operation
System Explorer
System Administration
Configuration
Security
Licensing
Encryption
License Key
License Servers



Enable the User IAM


Not secure | 18.143.XX.XX:52773/csp/sys/%25CSP.Portal.Home.zen?$NAMESPACE=%25SYS
InterSystems
IRIS Data Platform
Management Portal
Server a6b5182f1c9a Namespace %SYS Switch User kate Licensed To Sales Engineers_Adv.Server_IAM Instance IRI
Welcome, kate
View:
Home
Health
Analytics
Interoperability
System Operation
System Explorer
System Administration
Configuration
Security
Licensing
Encryption
Users
Roles
Resources
Services
Applications
SSL/TLS Configurations
X.509 Credentials
OAuth 2.0
Managed File Transfer Connections
System Security
Auditing
Security Advisor
Mobile Phone
Public Key Infrastructure



Deploy IAM

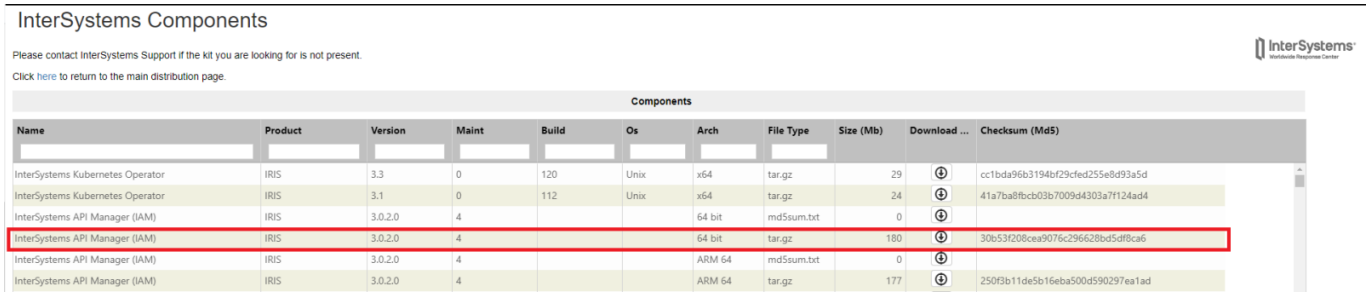
Reference

https://community.intersystems.com/post/introducing-intersystems-api-manager

Download the image from the following link

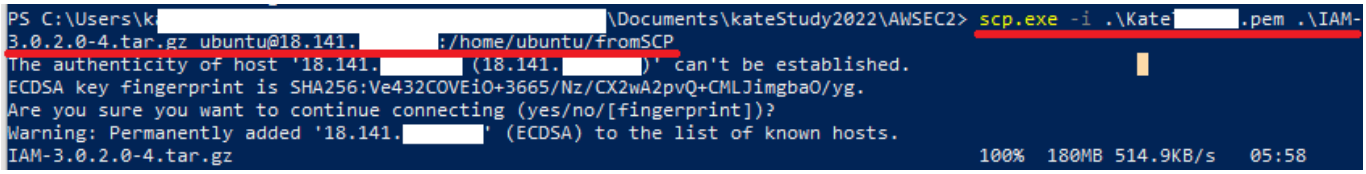
https://wrc.intersystems.com/wrc/coDistGen.csp

I downloaded the following version to my pc



Upload the image to my EC2

I use the command scp to upload the image to my cloud



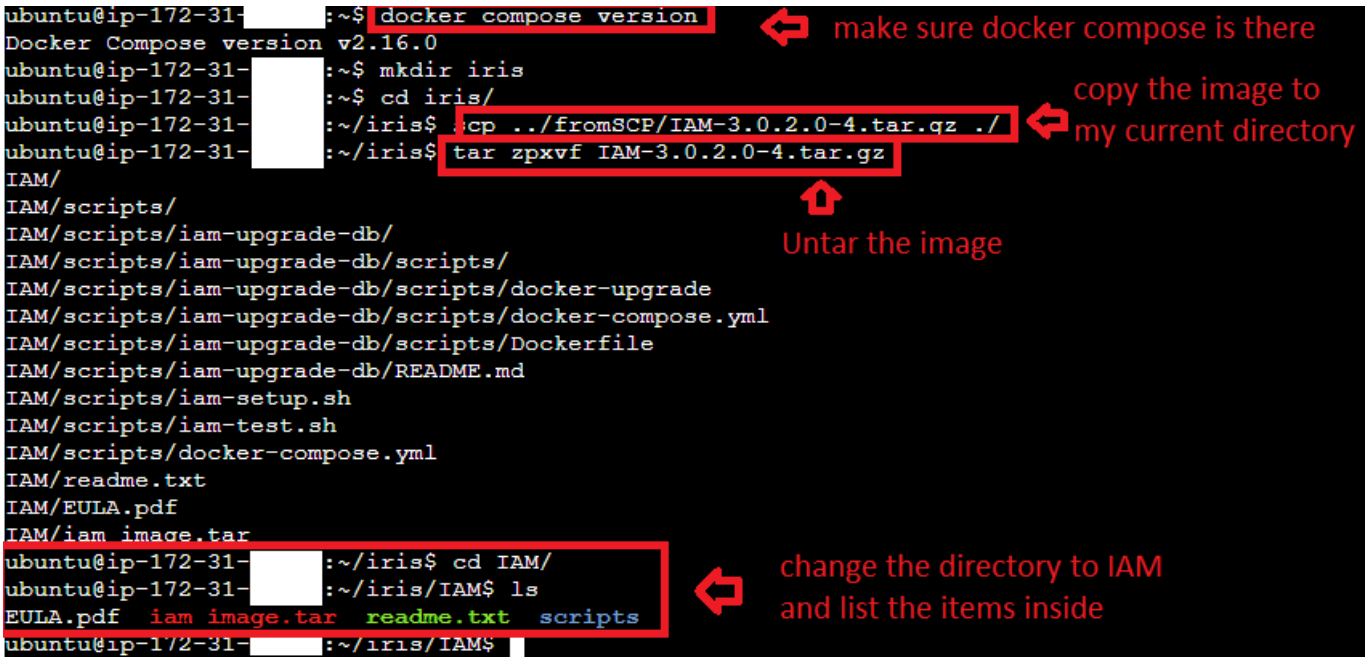
Make sure docker and docker compose are installed

If not, please reference to the following link

https://docs.docker.com/engine/install/ubuntu/

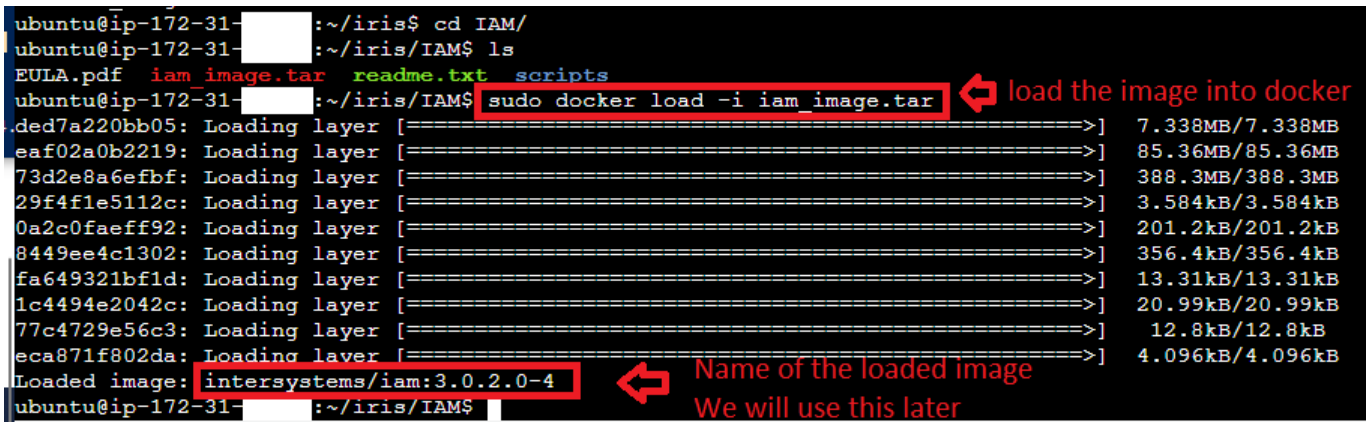
Untar the image file

tar zpxvf IAM-3.0.2.0-4.tar.gz



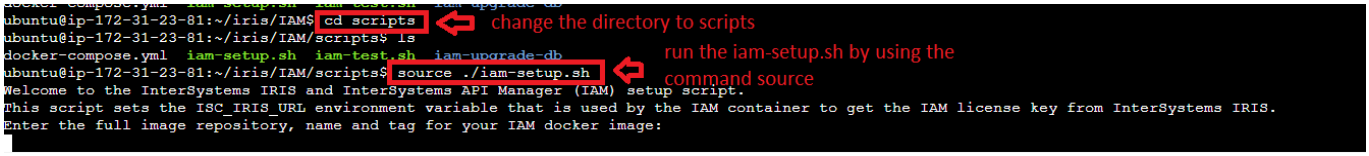
Load the image into docker

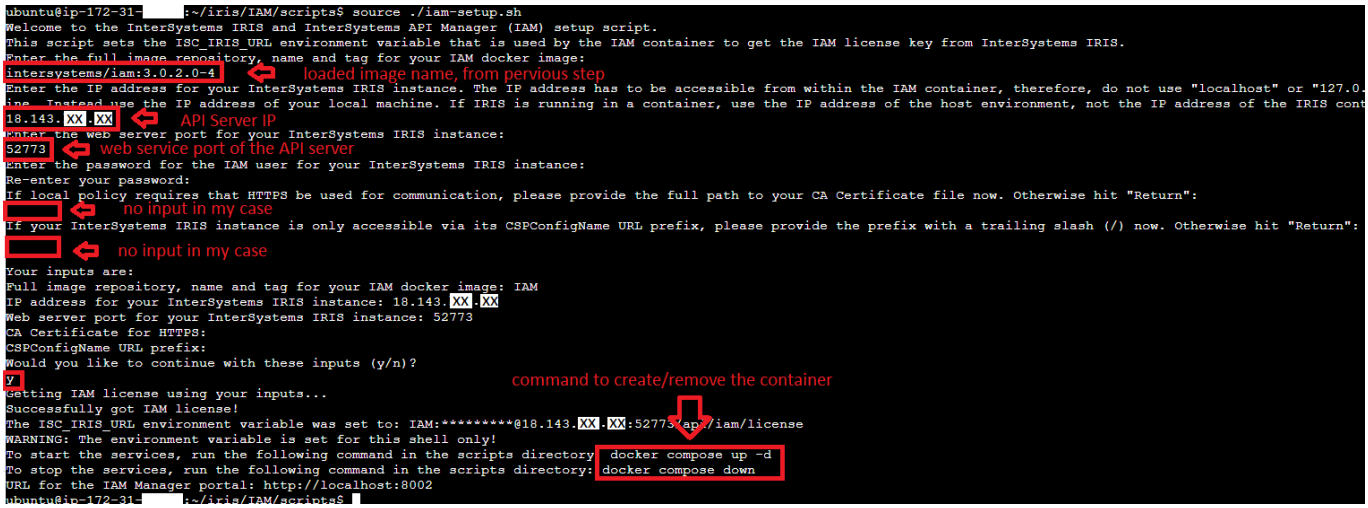
sudo docker load -i iamimage.tar



Run the iam-setup.sh

source ./iam-setup.sh

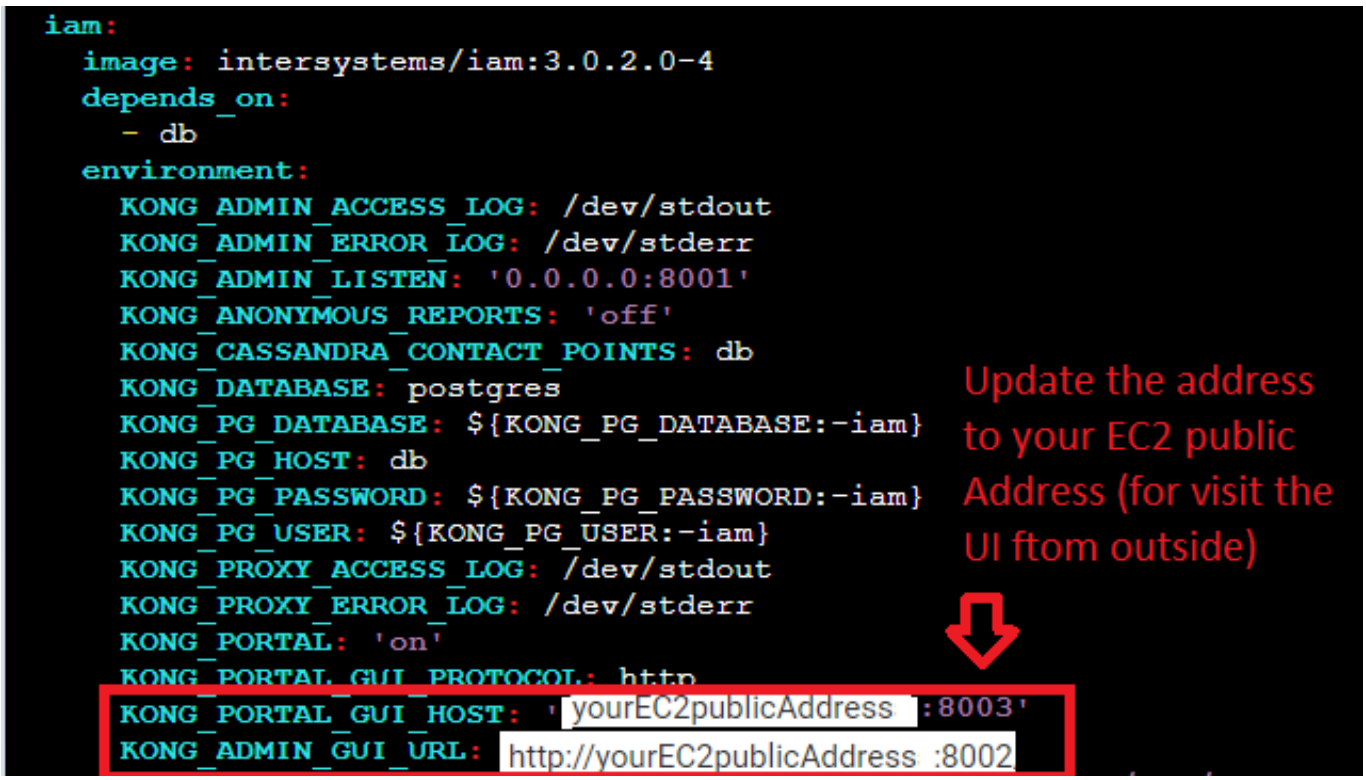




Edit the file : docker-compose.yml

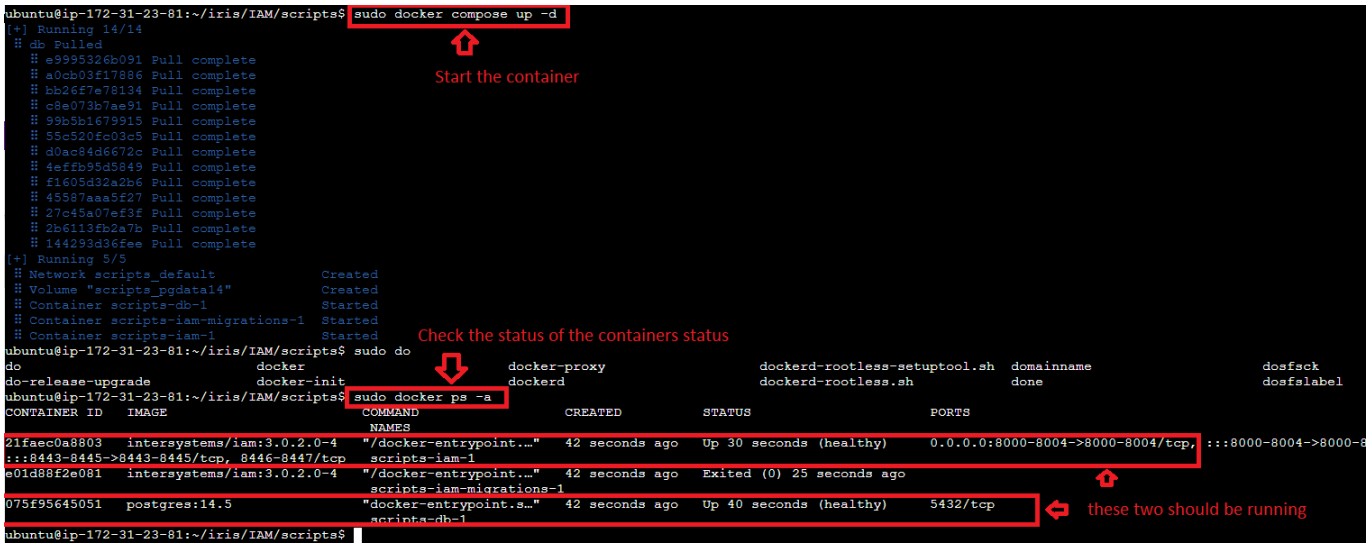
In order to let us visit the IAM UI from the environment outside the EC2, replace the localhost by the EC2 public address in the parameter KONG_PORTAL_GUI_HOST and KONG_ADMIN_GUI_URL

vi docker-compose.yml



Start the container

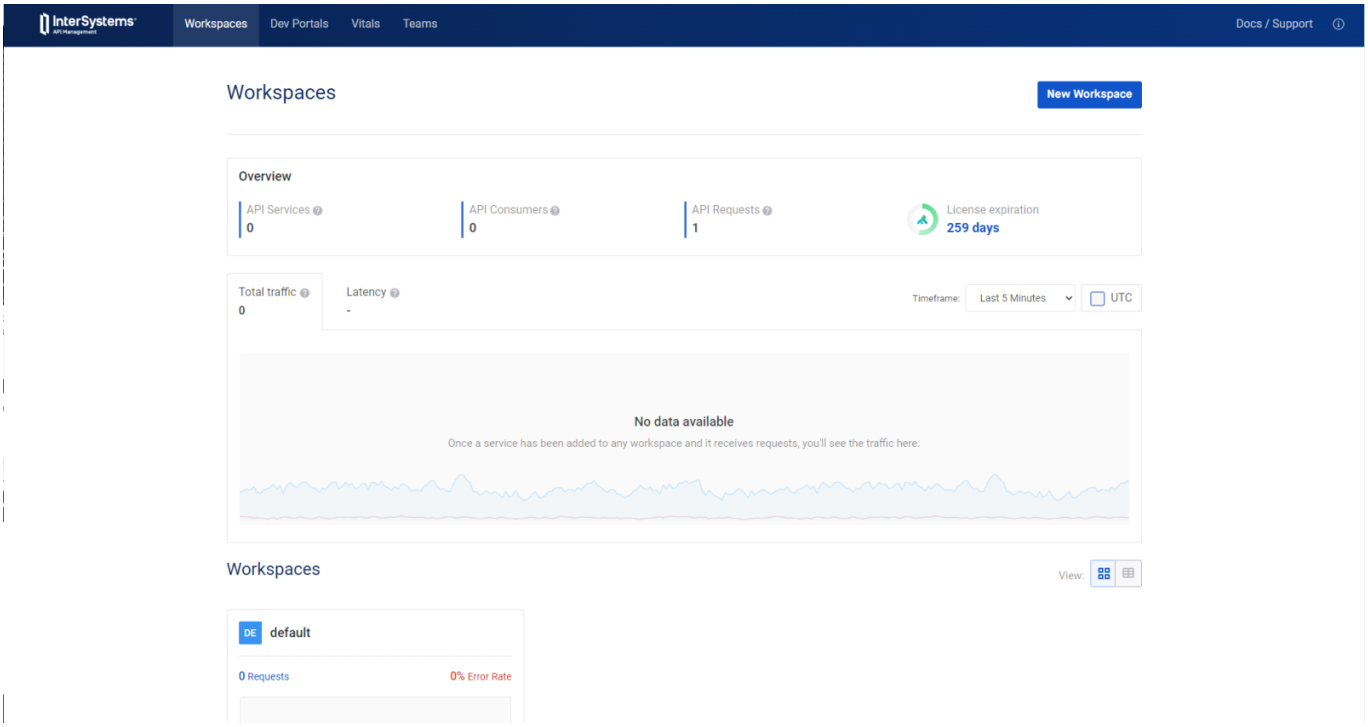
sudo docker compose up -d



Check the IAM UI

You can access the UI of the IAM by the following link

http://yourEC2publicAddress:8002/overview



#AWS #Cloud #InterSystems API Manager (IAM) #InterSystems IRIS #InterSystems IRIS for Health

Source URL:https://community.intersystems.com/post/walk-through-deploying-intersystems-api-manager-iam-aws-ec2