

How to enable RabbitMQ Web Console

- Follow the below steps to enable RabbitMQ web console

RabbitMQ software comes with a web console interface where admins can easily check the queues status and messages.

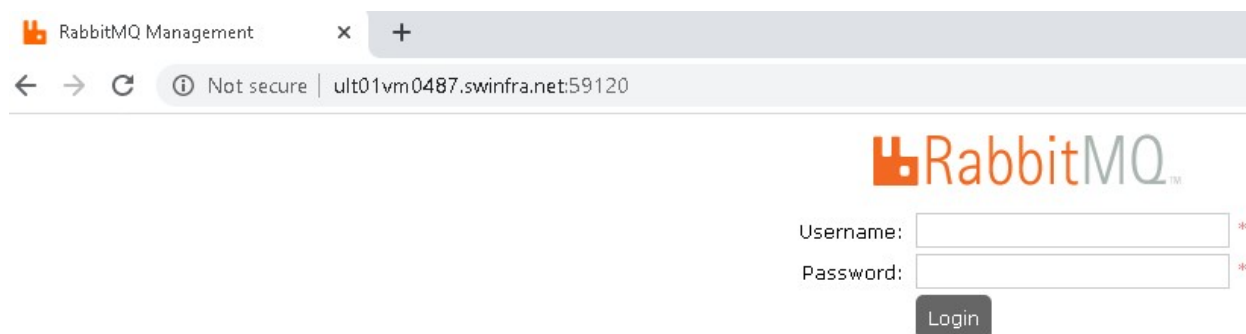
1. Log into the master node
2. Run 'kubectl edit svc -n itsma1 itom-xruntime-rabbitmq-svc' to change 'ClusterIp' to 'NodePort'

```
selfLink: /api/v1/namespaces/itsma-1/xttd/services
uid: 9be96153-e6e9-4a58-bd0c-b30bb642a84a
spec:
  clusterIP: 172.17.17.8
  ports:
  - name: rabbitmq-ui
    port: 15672
    protocol: TCP
    targetPort: 15672
  - name: rabbitmq-ui-ssl
    port: 15671
    protocol: TCP
    targetPort: 15671
  - name: rabbitmq
    port: 5672
    protocol: TCP
    targetPort: 5672
  - name: rabbitmq-ssl
    port: 5671
    protocol: TCP
    targetPort: 5671
  - name: metrics
    port: 9419
    protocol: TCP
    targetPort: 9419
  selector:
    component: itom-xruntime-rabbitmq
    name: itom-xruntime-rabbitmq
  sessionAffinity: None
  type: NodePort
status:
  loadBalancer: {}
```

3. Run 'kubectl get svc -n itsma1 | grep rabbitmq' to get the port number, such as the 'port:59120' as below:

```
[root@ult01vm0487 ~]# kubectl get svc -n itsma-l1xtd | grep rabbitmq
itom-xruntime-rabbitmq-svc      NodePort      172.17.17.8      <none>      15672:59120/TCP,15671:36352/TCP,5672:18419:38865/TCP
saw-rabbitmq                    ClusterIP     None             <none>      25672/TCP
                                15d
```

4. On a URL, hit <http://FQDN:59120> as the following: (User/PWD: maasuser/maasuserpwd)



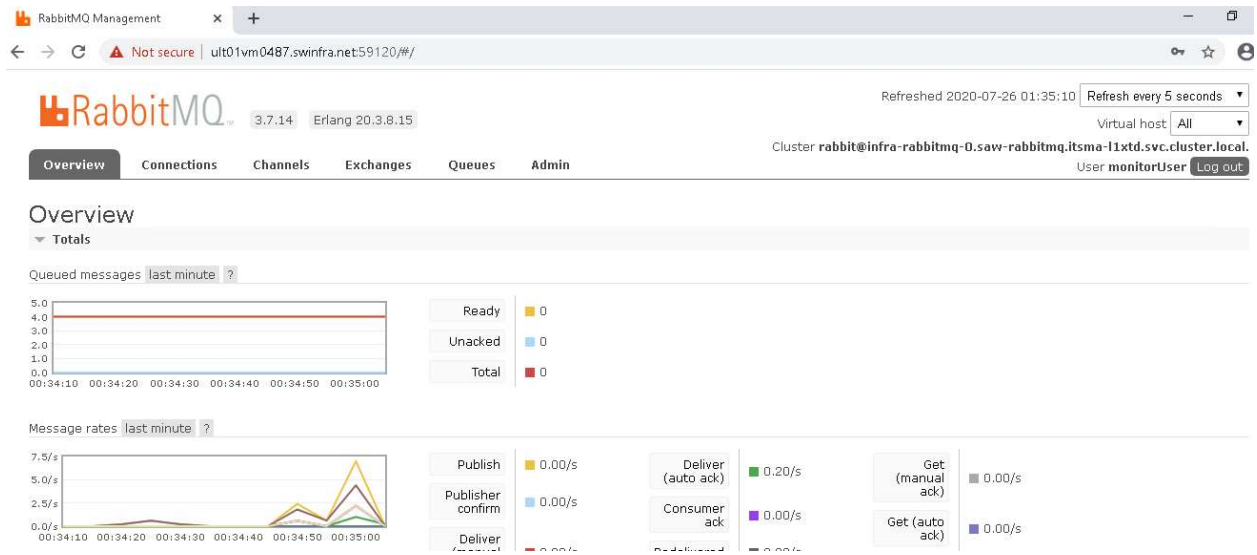
Note: For some versions, the login will not work, therefore you might need to also execute the following commands to create a RabbitMQ user with Admin rights:

1. Exec into the RabbitMQ POD:

```
kubectl exec infra-rabbitmq-0 -n itsma-XXXXXX -c itom-xruntime-rabbitmq -it sh
```

2. Execute the creation commands:

```
rabbitmqctl add_user monitorUser monitorUser
rabbitmqctl set_user_tags monitorUser administrator
rabbitmqctl set_permissions -p / monitorUser ".*" ".*" ".*"
```



- **Want to learn more?**

<https://www.rabbitmq.com/management.html>

- **Type here a final question about your topic?**

What can you check on the web console management admin?

R/ You can check, among other things, the email performance, email ready queue, email unacked queue, the existing channels and existing queues. You can also manage the users that can access the Rabbit app.