## **QeuBox – Server Access & Service Management Guide**

### **Step 1: Connect to the Server**

ssh [qeuboxadmin@40.81.234.172](mailto:qeuboxadmin@40.81.234.172)

When prompted, enter the password: \*\*\*\*\*\*\*\*\*

### **Step 2: Gain Root Access**

sudo su

Grants administrative privileges for the VM.

### **Step 3: Navigate to the Project Directory**

ls

Typical folders:

**build** – Aggregator folder (Port 5000)

**dist** – QeuBox folder (Port 3000)

**iam** – IAM folder (Port 4000)

**jar** – Java service JARs

### **Step 4: Run JAR Services**

Navigate to the jar folder:

cd jar  
ls

Enter the desired service folder (e.g., qbox-authn):

cd qbox-authn

Start the service:

nohup java -jar Authn-Runner.jar -conf env.json &

Repeat for all required JAR service folders.

### **Step 5: Run Static Services**

**QeuBox Frontend (Port 3000)**

cd dist  
nohup http-server -p 3000 &

**Aggregator Frontend (Port 5000)**

cd build  
nohup http-server -p 5000 &

**IAM Frontend (Port 4000)**

cd iam/dist  
nohup http-server -p 4000 &

### **Step 6: Stop Static Services (Ports 3000, 5000, 4000)**

Find process by port:

netstat -tulnp | grep 3000  
netstat -tulnp | grep 5000  
netstat -tulnp | grep 4000

Note the **PID** next to root and stop it:

t

kill -9 <PID>

### **Step 7: Stop JAR Services**

Find Java processes:

netstat -tulnp | grep java

Note the **PID** and stop it:

kill -9 <PID>