

Installation de l'environnement pour le TP

Configuration d'un reseau host-only via Virtualbox

1. Démarrez l'application **Virtualbox**
2. Verifiez/creez un réseau host-only **vboxnet0** ("File/Host network Manager" ...)

Network



Create



Remove



Properties

Name	IPv4 Address/Mask	IPv6 Address/Mask	DHCP Server
vboxnet0	192.168.56.1/24		<input checked="" type="checkbox"/> Enable

X Close

Configuration d'un reseau host-only via VBoxManage

- Si vous avez rencontré des difficultes a l'etape precedente vous pouvez creer l'interface en ligne de commande:

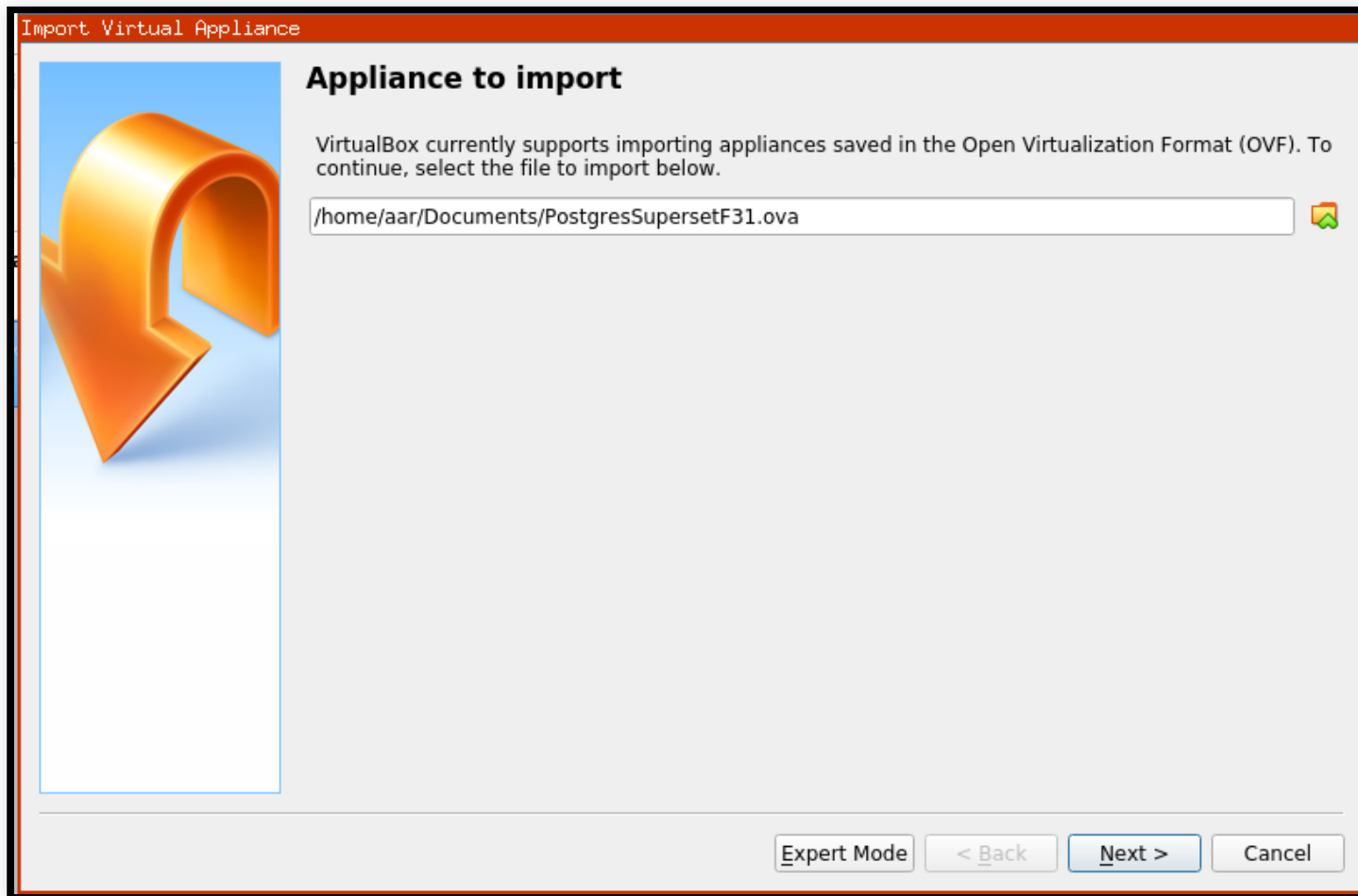
```
VBoxManage hostonlyif create
VBoxManage hostonlyif ipconfig vboxnet0 --ip 192.168.56.1
VBoxManage dhcpserver add --ifname vboxnet0 --ip 192.168.56.1\
-netmask 255.255.255.0 --lowerip 192.168.56.100\
--upperip 192.168.56.200
VBoxManage dhcpserver modify --ifname vboxnet0 --enable
```

Telecharger la VM pour le tp

Telecharger l'image Virtualbox: <http://bit.ly/telecom-postgresql-superset>

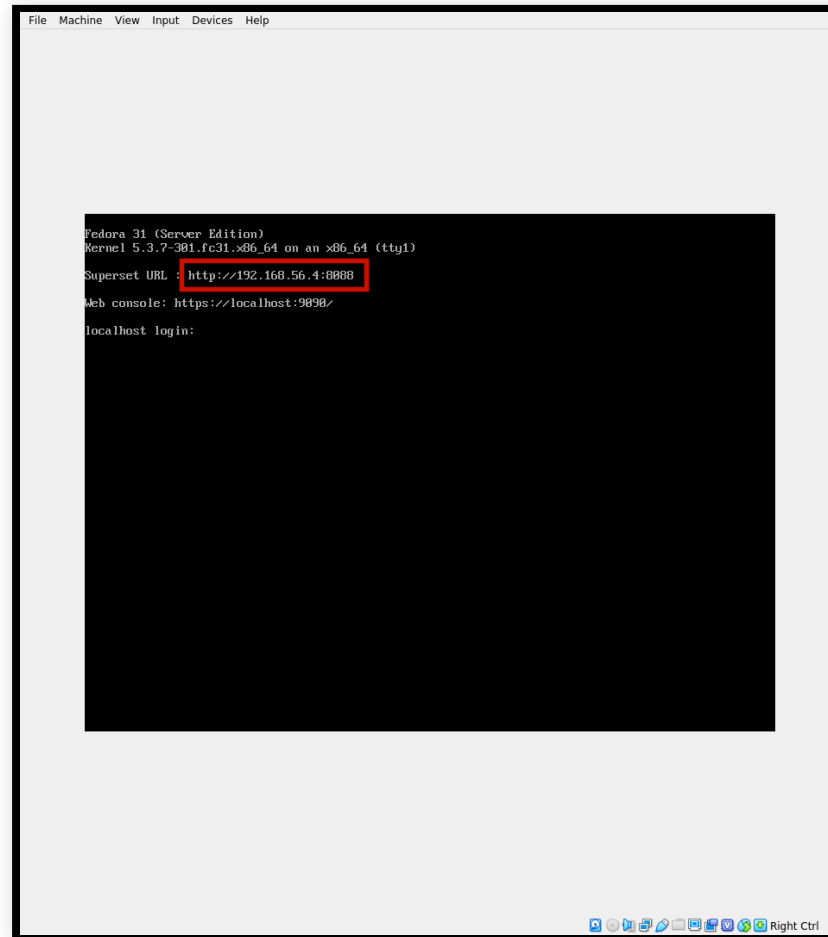
Importer la VM

File/Import appliance ...



Demarrer la VM

1. via le bouton Run/Start et noter l'URL pour accéder a Superset



The screenshot shows a terminal window with the following text:

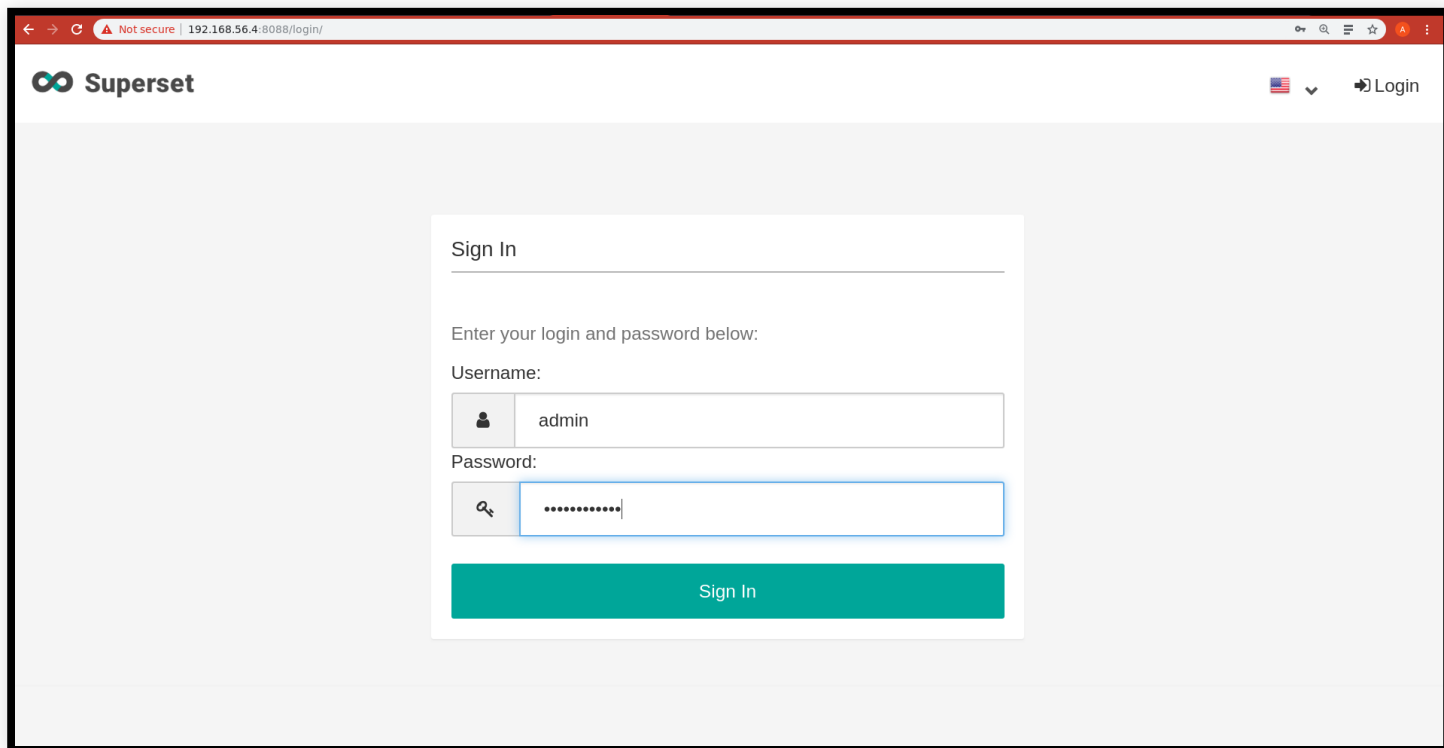
```
File Machine View Input Devices Help  
  
Fedora 31 (Server Edition)  
Kernel 5.3.7-381.fc31.x86_64 on an x86_64 (tty1)  
Superset URL : http://192.168.56.4:8888  
Web console: https://localhost:9090/  
localhost login:
```

The URL `http://192.168.56.4:8888` is highlighted with a red box. At the bottom right of the terminal window, there is a taskbar with icons and the text "Right Ctrl".



Connectez vous a Superset via votre navigateur

Username: admin Password: bigdatafuret



Not secure | 192.168.56.4:8088/login/

Superset US [Login](#)

Sign In

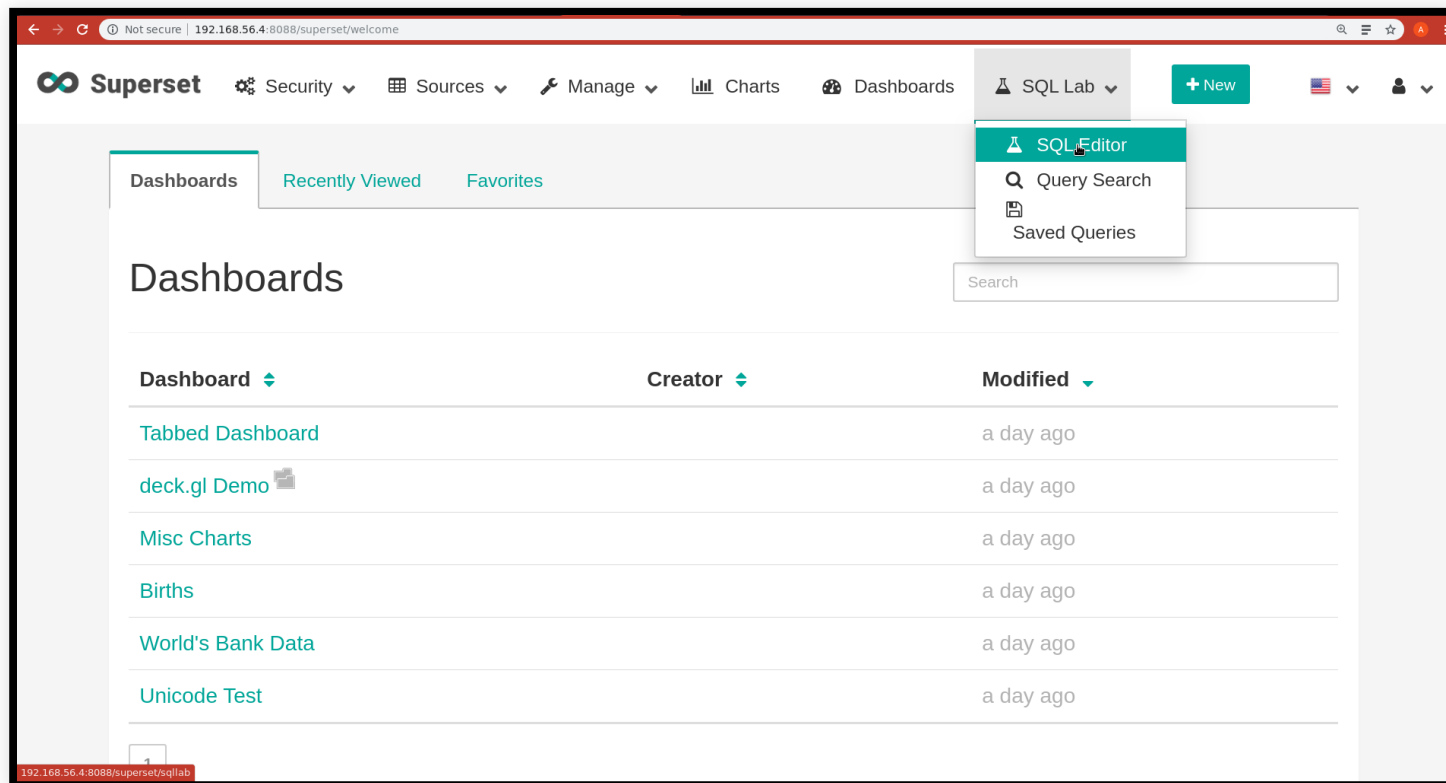
Enter your login and password below:

Username:

Password:

[Sign In](#)

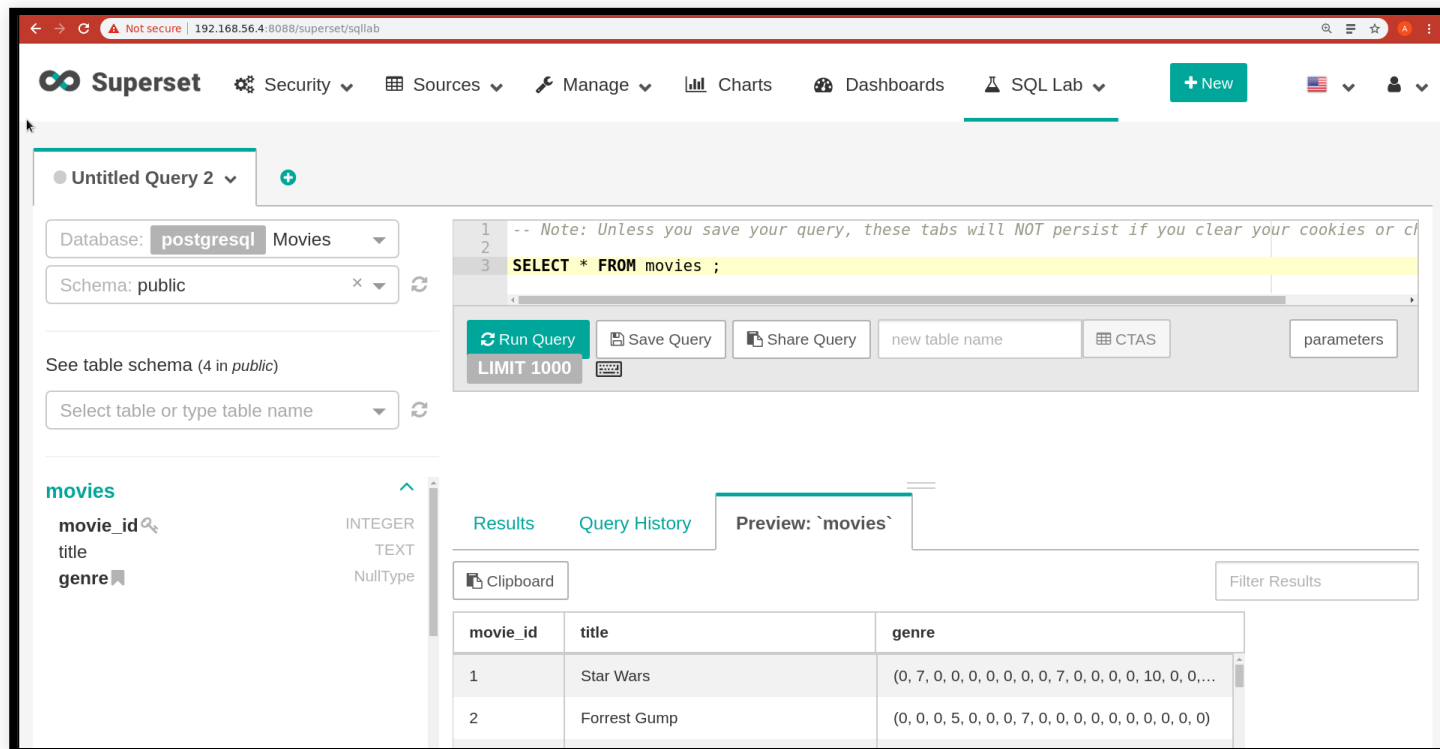
Ouvrez le SQL Editor



Dans le SQLEditor lancez une requete

Tester la requete `_SELECT * FROM ACTORS_` (dans la Database Movies/ Schema: public.

Si vous avez eu des résultats, l'installation s'est bien passe, felicitations !



The screenshot shows the Superset SQL Editor interface. The top navigation bar includes the Superset logo, a 'Security' dropdown, 'Sources', 'Manage', 'Charts', 'Dashboards', 'SQL Lab', and a '+ New' button. The main area is titled 'Untitled Query 2'. On the left, the 'Database' is set to 'postgresql' and the 'Schema' is 'public'. Below this, there's a section for 'See table schema (4 in public)' with a dropdown to 'Select table or type table name'. A table schema for 'movies' is shown with columns: 'movie_id' (INTEGER), 'title' (TEXT), and 'genre' (NullType). The SQL editor contains the query: `SELECT * FROM movies ;`. Below the query, there are buttons for 'Run Query', 'Save Query', 'Share Query', 'new table name', 'CTAS', and 'parameters'. The 'Run Query' button has a 'LIMIT 1000' dropdown. The 'Results' tab is active, showing a 'Preview: `movies`' section with a table of results. A 'Clipboard' button and a 'Filter Results' input are also visible.

movie_id	title	genre
1	Star Wars	(0, 7, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0, 0, 10, 0, 0, ...)
2	Forrest Gump	(0, 0, 0, 5, 0, 0, 0, 7, 0, 0, 0, 0, 0, 0, 0, 0, 0)