

# Installation bare-metal

- [Installation et configuration HTTPS](#)
- [Installation du plugin Zabbix et configuration de Grafana](#)

# Installation et configuration HTTPS

```
sudo apt-get install -y apt-transport-https
sudo apt-get install -y software-properties-common wget
wget -q -O - https://packages.grafana.com/gpg.key | sudo apt-key add -
echo "deb https://packages.grafana.com/enterprise/deb stable main" | sudo tee -a
/etc/apt/sources.list.d/grafana.list
sudo apt-get update
sudo apt-get install grafana-enterprise
sudo systemctl daemon-reload
sudo systemctl start grafana-server
sudo systemctl status grafana-server
sudo systemctl enable grafana-server.service
```

On autorise dans le pare-feu.

```
iptables -I INPUT 7 -p tcp -m tcp --dport 3000 -j ACCEPT
```

On copie et modifie ensuite les permissions du certificat et de sa clé.

```
cp -r /etc/apache2/ssl /etc/grafana/ssl
cd ssl/
chown -R grafana:grafana /etc/grafana/ssl/
chmod g+rw -R /etc/grafana/ssl/
```

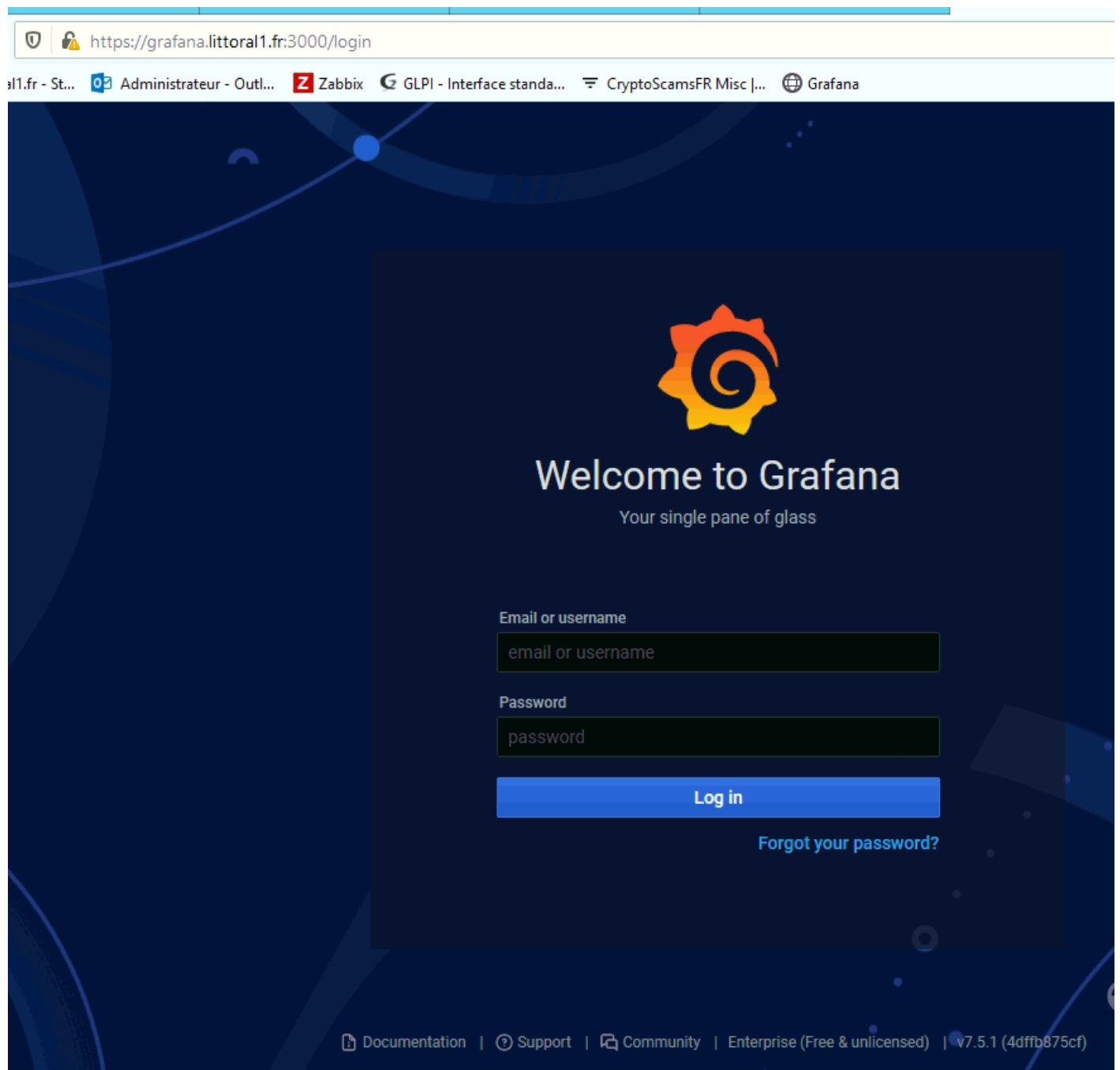
On modifie le fichier de configuration de Grafana.

```
nano /etc/grafana/grafana.ini
```

On décommente et modifie les lignes "protocol = https", "domain = grafana.littoral1.fr", "cert\_file = /etc/apache2/ssl/apache-selfsigned.crt" et "cert\_key = /etc/apache2/ssl/private/apache-selfsigned.key".

On redémarre grafana.

```
systemctl restart grafana
```

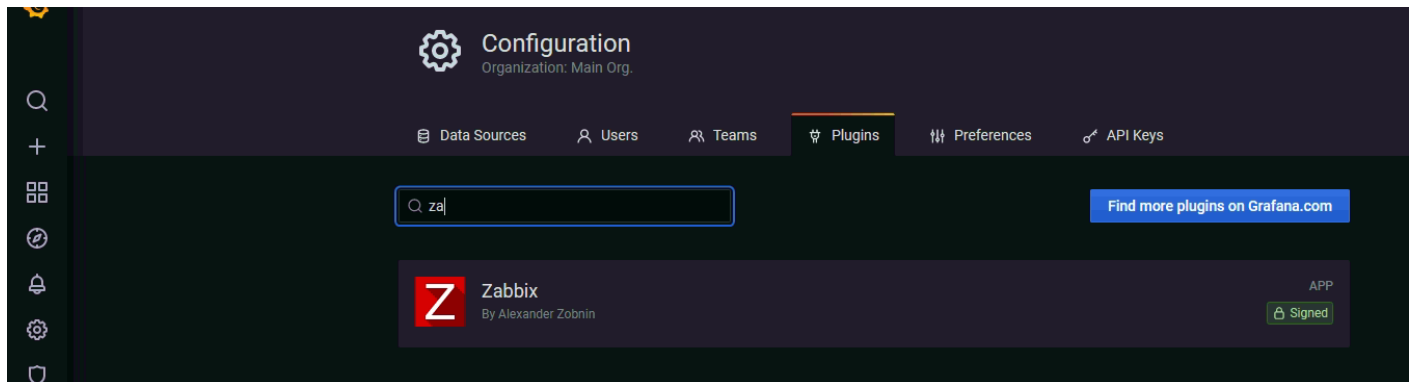


# Installation du plugin Zabbix et configuration de Grafana

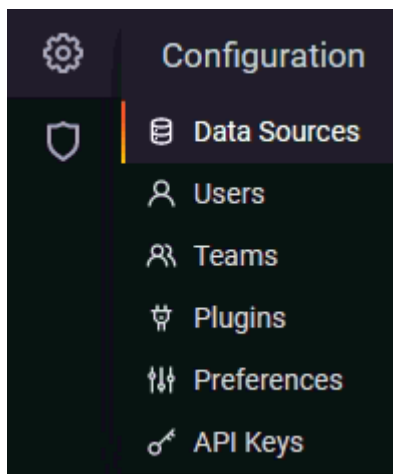
On doit installer un plugin pour utiliser les données de Zabbix.

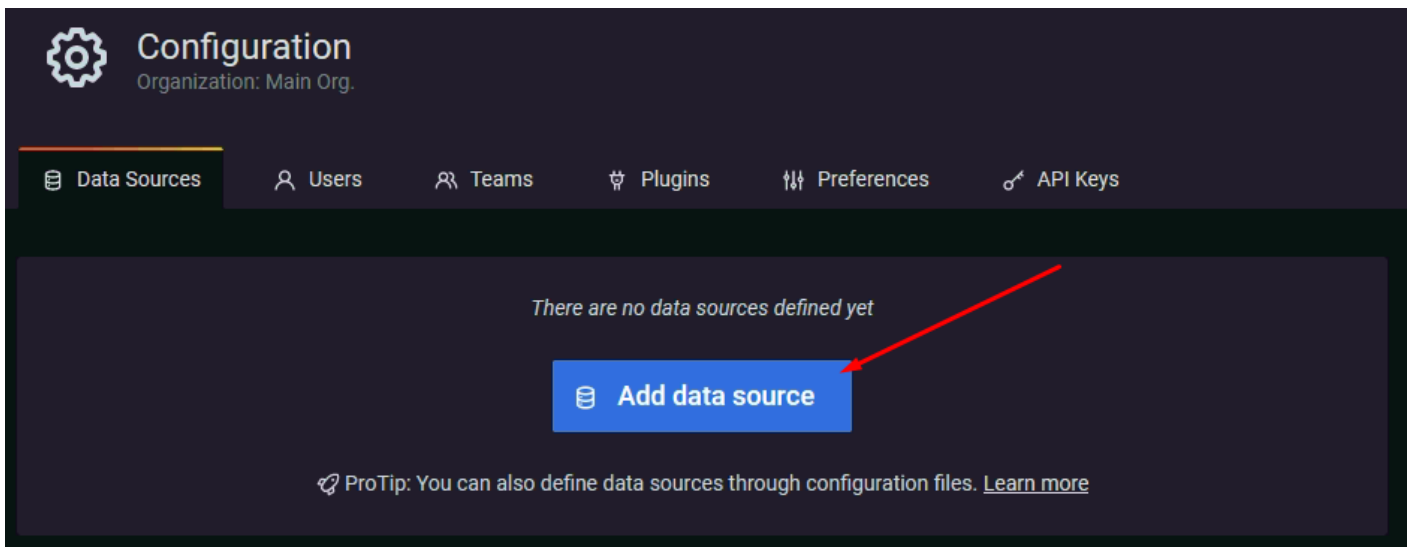
```
grafana-cli plugins install alexanderzobnin-zabbix-app  
service grafana-server restart
```

Dans Grafana, sous Configuration et Plugins, on active le plugin.

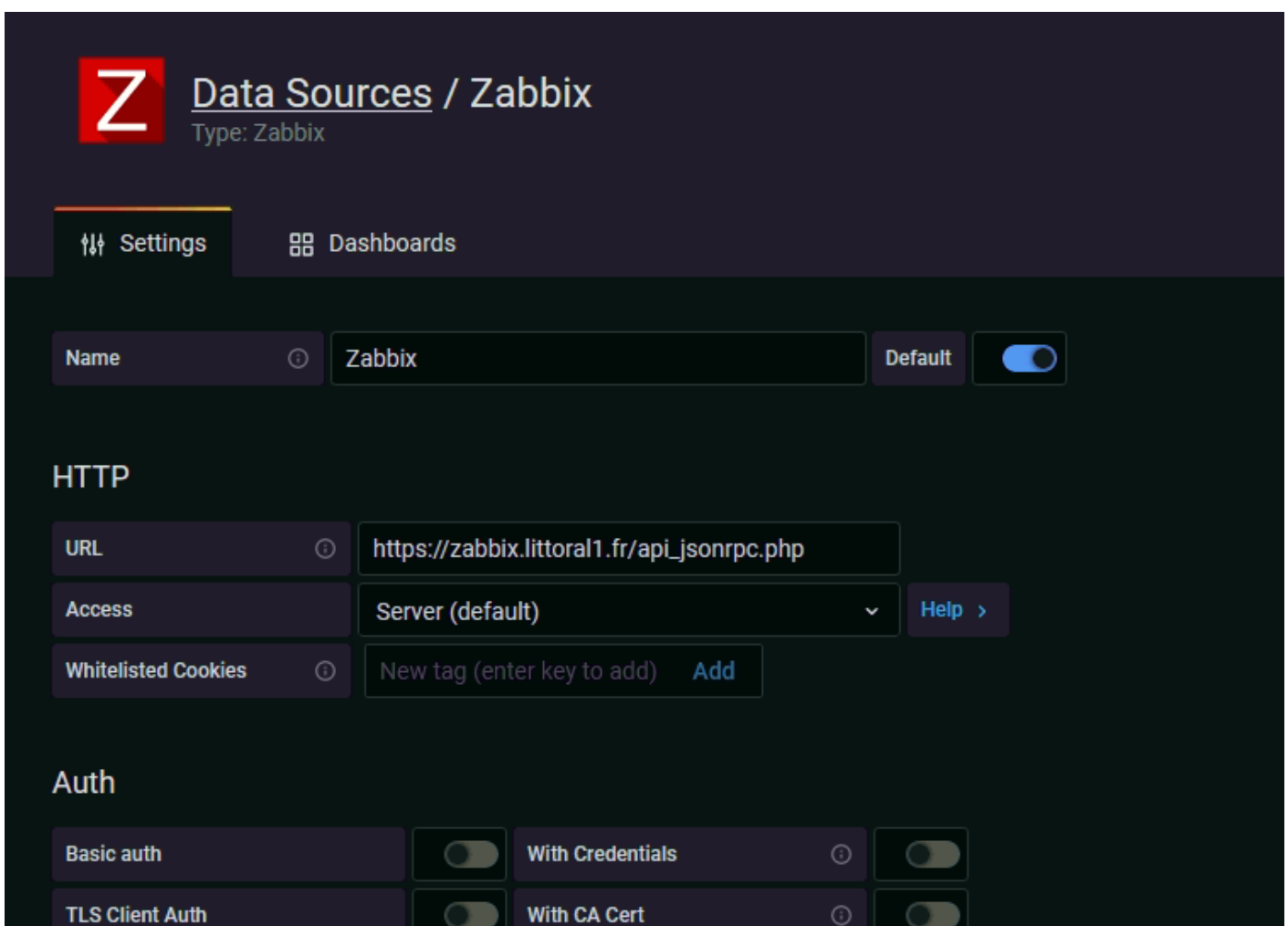


Ensuite, on ajoute la source de données.





On rentre l'adresse du serveur Zabbix, le compte zabbix pour l'API



on coche cette case, car le certificat est auto-signé.

### Auth

Basic auth	<input type="checkbox"/>	With Credentials ⓘ	<input type="checkbox"/>
TLS Client Auth	<input type="checkbox"/>	With CA Cert ⓘ	<input type="checkbox"/>
Skip TLS Verify	<input checked="" type="checkbox"/>		
Forward OAuth Identity ⓘ	<input type="checkbox"/>		

On rentre le compte Zabbix (il est préférable de créer un compte spécialement pour cela).

### Zabbix API details

Username	Admin
Password	•••••
Trends	<input checked="" type="checkbox"/>
After ⓘ	7d
Range ⓘ	4d
Cache TTL ⓘ	1h
Timeout ⓘ	30

On clique sur "Save & Test".

## Zabbix API details

Username	<input type="text" value="Admin"/>
Password	<input type="text" value="Configured"/> <a href="#">Reset</a>
Trends	<input checked="" type="checkbox"/>
After	<input type="text" value="7d"/>
Range	<input type="text" value="4d"/>
Cache TTL	<input type="text" value="1h"/>
Timeout	<input type="text" value="30"/>

✓ Datasource updated ✕

## Direct DB Connection

Enable ☐

## Other

Disable acknowledges for read-only users ☐

Disable data alignment ☐

✓ Zabbix API version: 5.2.5

[Save & Test](#)

[Delete](#)

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