

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+rwx -R /etc/grafana/ssl/
```

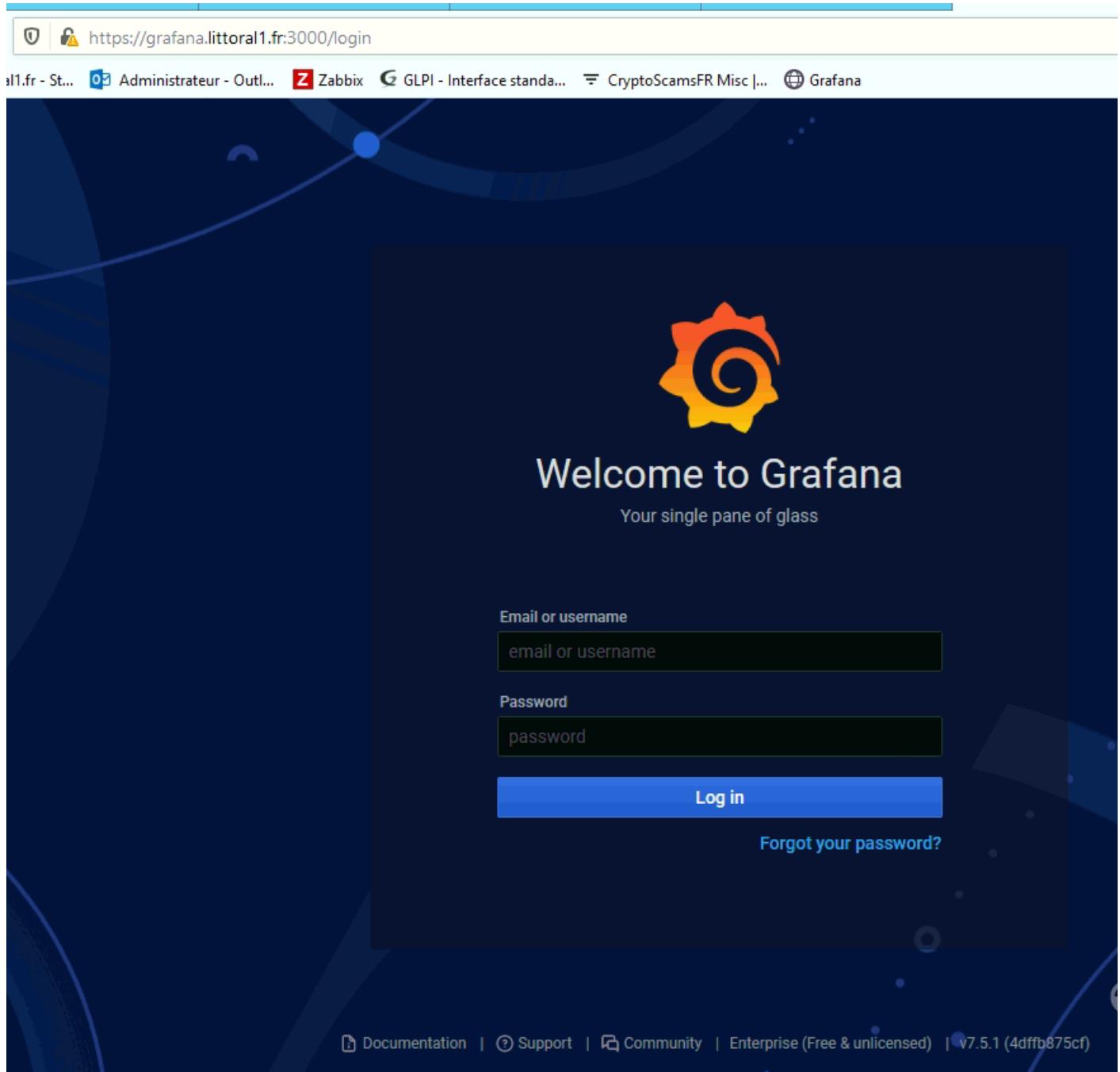
On modifie le fichier de configuration de Grafana.

```
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
```

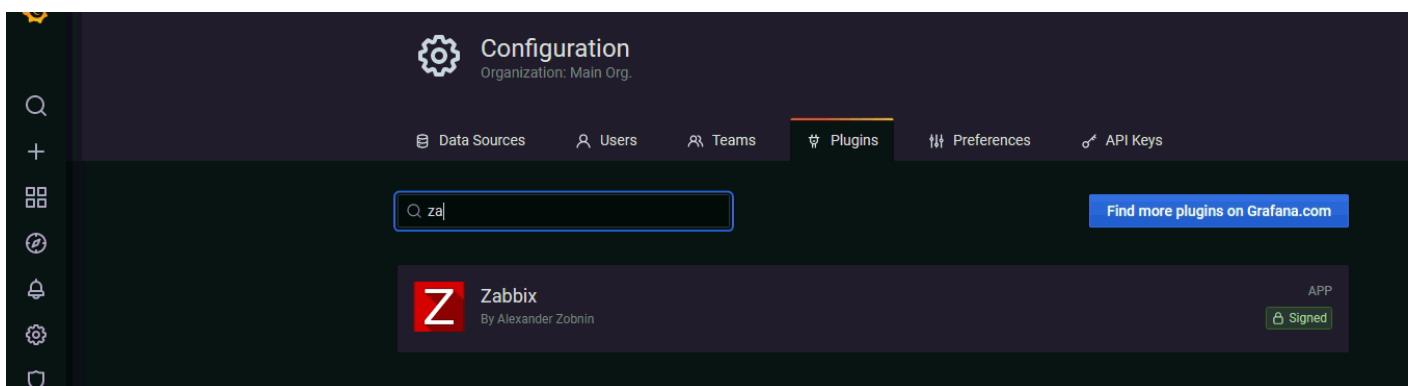


Installation du plugin Zabbix et configuration de Grafana

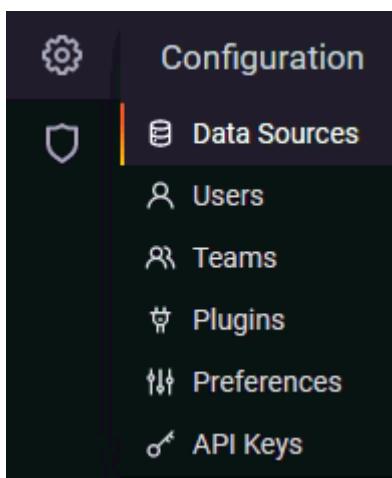
On doit installer un plugin pour utiliser les données de Zabbix.

```
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.



The screenshot shows the Grafana Configuration interface. At the top, there's a header with a gear icon and the word "Configuration". Below it, it says "Organization: Main Org.". There are several navigation links: "Data Sources" (which is highlighted in yellow), "Users", "Teams", "Plugins", "Preferences", and "API Keys". The main content area has a message: "There are no data sources defined yet". Below this is a blue button labeled "Add data source". A red arrow points from the text "on coche cette case, car le certificat est auto-signé." to this button. At the bottom, there's a "ProTip" message: "You can also define data sources through configuration files. [Learn more](#)".

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

The screenshot shows the "Data Sources / Zabbix" configuration page. At the top, there's a large red "Z" icon and the text "Data Sources / Zabbix" followed by "Type: Zabbix". Below this are two tabs: "Settings" (selected) and "Dashboards". The main configuration area has a "Name" field set to "Zabbix", a "Default" switch turned on, and a "With CA Cert" toggle switch turned on. Under the "HTTP" section, there are fields for "URL" (set to "https://zabbix.littoral1.fr/api_jsonrpc.php"), "Access" (set to "Server (default)"), and "Whitelisted Cookies" (with a "New tag" input field and an "Add" button). Under the "Auth" section, there are four toggle switches: "Basic auth" (off), "With Credentials" (off), "TLS Client Auth" (off), and "With CA Cert" (on). A red arrow points from the text "on coche cette case, car le certificat est auto-signé." to the "With CA Cert" switch.

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).

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

On clique sur "Save & Test".

Zabbix API details

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

✓ Datasource updated

Direct DB Connection

Enable	<input type="checkbox"/>
--------	--------------------------

Other

Disable acknowledges for read-only users	<input type="checkbox"/>
Disable data alignment	<input type="checkbox"/>

✓ Zabbix API version: 5.2.5



Activer Windows

Accédez au Centre de maintenance pour activer Windows.

[Save & Test](#)

[Delete](#)

[Back](#)

Red arrow pointing to the "Save & Test" button.