

Họ và tên: Ngô Tuấn Kiệt

MSSV: 21521034

Làm sai khá nhiều nên mất hết các câu lệnh phía trên

```
# wget
https://repo.zabbix.com/zabbix/6.0/ubuntu/pool/main/z/zabbix-
release/zabbix-release_6.0-4+ubuntu22.04_all.deb
# dpkg -i zabbix-release_6.0-4+ubuntu22.04_all.deb
# apt update
```

```
# apt install zabbix-server-mysql zabbix-frontend-php zabbix-
apache-conf zabbix-sql-scripts zabbix-agent mariadb-server -y
```

```
# mysql -uroot -p
```

password

```
mysql> create database zabbix character set utf8mb4 collate
utf8mb4_bin;
```

```
MariaDB [(none)]> create user zabbix@localhost identified by 'password';
Query OK, 0 rows affected (0.001 sec)
```

```
MariaDB [(none)]> grant all privileges on zabbix.* to zabbix@localhost;
Query OK, 0 rows affected (0.001 sec)
```

```
MariaDB [(none)]> set global log_bin_trust_function_creators = 1;
Query OK, 0 rows affected (0.000 sec)
```

```
MariaDB [(none)]> quit;
```

```
# mysql -uroot -p
```

password

```
MariaDB [(none)]> set global log_bin_trust_function_creators = 0;
Query OK, 0 rows affected (0.000 sec)
```

```
MariaDB [(none)]> quit;
```

Bye

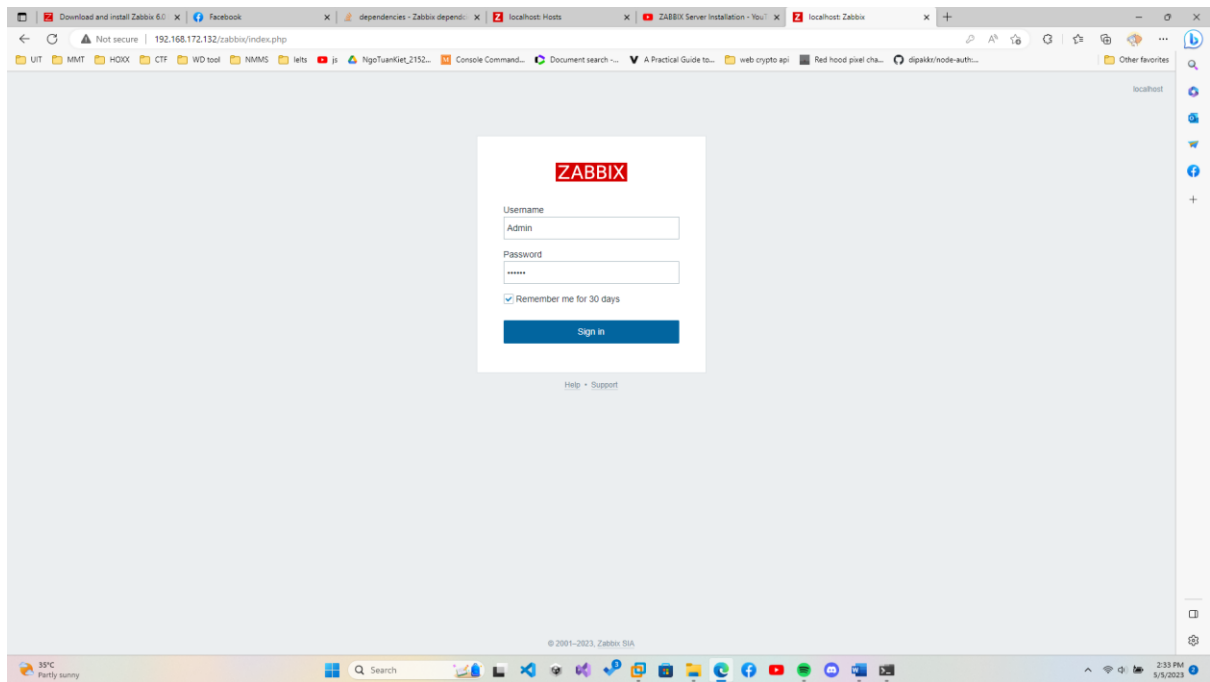
```
root@kiet:~# vim /etc/zabbix/zabbix_server.conf
```

```
# Mandatory: no
# Default:
# DBPassword=

DBPassword=password

### Option: DBSocket
```

⇒ Localhost/zabbix



<input type="checkbox"/> Host	Name ▲	Last check	Last value	Change	Tags	Info
<input type="checkbox"/> Zabbix	Available memory	37s	3.39 GB	+10.63 MB	component: memory	Graph
<input type="checkbox"/> Zabbix	Available memory in %	36s	58.1944 %	+0.1782 %	component: memory	Graph
<input type="checkbox"/> Zabbix	Checksum of /etc/passwd	20m 38s	86088204044b610d9e27...		component: security	History
<input type="checkbox"/> Zabbix	Context switches per second	19s	1366.5931	-46.6172	component: cpu	Graph
<input type="checkbox"/> Zabbix	CPU guest nice time	17s	0 %		component: cpu	Graph
<input type="checkbox"/> Zabbix	CPU guest time	18s	0 %		component: cpu	Graph
<input type="checkbox"/> Zabbix	CPU idle time	16s	97.4606 %	+0.1455 %	component: cpu	Graph
<input type="checkbox"/> Zabbix	CPU interrupt time	15s	0 %		component: cpu	Graph
<input type="checkbox"/> Zabbix	CPU iowait time	22s	0.02513 %	+0.000034 %	component: cpu	Graph
<input type="checkbox"/> Zabbix	CPU nice time	32s	0 %		component: cpu	Graph
<input type="checkbox"/> Zabbix	CPU softirq time	33s	0.3684 %	+0.0638 %	component: cpu	Graph
<input type="checkbox"/> Zabbix	CPU steal time	34s	0 %		component: cpu	Graph
<input type="checkbox"/> Zabbix	CPU system time	51s	0.8042 %	+0.1178 %	component: cpu	Graph
<input type="checkbox"/> Zabbix	CPU user time	50s	1.7927 %	+0.4035 %	component: cpu	Graph
<input type="checkbox"/> Zabbix	CPU utilization	16s	2.5394 %	-0.1455 %	component: cpu	Graph
<input type="checkbox"/> Zabbix	Free swap space	52s	2 GB		component: memory component: storage	Graph
<input type="checkbox"/> Zabbix	Free swap space in %	44s	100 %		component: memory component: storage	Graph
<input type="checkbox"/> Zabbix	Host name of Zabbix agent running				component: system	History
<input type="checkbox"/> Zabbix	Interrupts per second	24s	355.6184	+19.8467	component: cpu	Graph
<input type="checkbox"/> Zabbix	Load average (1m avg)	31s	0.4429	+0.2402	component: cpu	Graph
<input type="checkbox"/> Zabbix	Load average (5m avg)	23s	0.2852	+0.1406	component: cpu	Graph
<input type="checkbox"/> Zabbix	Load average (15m avg)	21s	0.1982	+0.04785	component: cpu	Graph
<input type="checkbox"/> Zabbix	Maximum number of open file descriptors				component: system	Graph
<input type="checkbox"/> Zabbix	Maximum number of processes				component: system	Graph
<input type="checkbox"/> Zabbix	Memory utilization	36s	41.8056 %	-0.1782 %	component: memory	Graph
<input type="checkbox"/> Zabbix	Number of CPUs	20m 20s	2		component: cpu	Graph
<input type="checkbox"/> Zabbix	Number of logged in users	39s	1		component: environ...	Graph

<input type="checkbox"/> Zabbix	Number of logged in users	39s	1		component: enverion	Graph
<input type="checkbox"/> Zabbix	Number of processes	27s	369		component: system	Graph
<input type="checkbox"/> Zabbix	Number of running processes	26s	1		component: system	Graph
<input checked="" type="checkbox"/> Zabbix	Operating system				component: os	History
<input checked="" type="checkbox"/> Zabbix	Operating system architecture				component: os	History
<input checked="" type="checkbox"/> Zabbix	Software installed				component: os	History
<input type="checkbox"/> Zabbix	System boot time	20m 25s	2023-05-05 13:31:00		component: system	Graph
<input checked="" type="checkbox"/> Zabbix	System description	20m 41s	Linux kiel 5.19.0-41-gen...		component: system	History
<input type="checkbox"/> Zabbix	System local time	48s	2023-05-05 14:33:52	+00 01:00	component: system	Graph
<input checked="" type="checkbox"/> Zabbix	System name				component: system	History
<input type="checkbox"/> Zabbix	System uptime	10s	01:03:31	+00 00:30	component: system	Graph
<input type="checkbox"/> Zabbix	Total memory	35s	5.82 GB		component: memory	Graph
<input type="checkbox"/> Zabbix	Total swap space	42s	2 GB		component: memory component: storage	Graph
<input checked="" type="checkbox"/> Zabbix	Version of Zabbix agent running				component: application	History
<input type="checkbox"/> Zabbix	Zabbix agent availability	14s	available (1)		component: system	Graph
<input type="checkbox"/> Zabbix	Zabbix agent ping	43s	Up (1)		component: system	Graph
<input type="checkbox"/> Zabbix	Zabbix server: Configuration cache, % used	47s	24.2329 %	-0.00002384 %	component: system	Graph
<input type="checkbox"/> Zabbix	Zabbix server: History index cache, % used	45s	0.4181 %		component: system	Graph
<input type="checkbox"/> Zabbix	Zabbix server: History write cache, % used	46s	0 %		component: system	Graph
<input type="checkbox"/> Zabbix	Zabbix server: LLD queue	6s	0		component: system	Graph
<input type="checkbox"/> Zabbix	Zabbix server: Number of processed character values per second	46s	0		component: system	Graph
<input type="checkbox"/> Zabbix	Zabbix server: Number of processed log values per second	45s	0		component: system	Graph
<input type="checkbox"/> Zabbix	Zabbix server: Number of processed not supported values per second	42s	0.1332	+0.000002988	component: system	Graph
<input type="checkbox"/> Zabbix	Zabbix server: Number of processed numeric (float) values per second	47s	1.0156	+0.00002908	component: system	Graph

12

Displaying 1 to 50 of 99 found