

Install Telegraf and configure for InfluxDB

Description

Now to install the Telegraf agent and configure the output plugin to save data into the InfluxDB.

```
sudo apt install telegraf -y
```

Start Telegraf and ensure it starts in case of reboot.

```
sudo systemctl start telegraf  
sudo systemctl status telegraf
```

Navigate to the telegraf config folder and backup the existing config.

```
cd /etc/telegraf/  
mv telegraf.conf telegraf.conf.default
```

Create a new telegraf.conf

```
rm telegraf.conf  
sudo nano telegraf.conf
```

and copy and paste script below into new telegraf.conf

```
# Global Agent Configuration  
[agent]  
  hostname = "127.0.0.1"  
  flush_interval = "15s"  
  interval = "15s"  
  
# Input Plugins  
[[inputs.cpu]]  
  percpu = true  
  totalcpu = true  
  collect_cpu_time = false  
  report_active = false  
[[inputs.disk]]  
  ignore_fs = ["tmpfs", "devtmpfs", "devfs"]  
[[inputs.io]]  
[[inputs.mem]]
```

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```
[[inputs.net]]
[[inputs.system]]
[[inputs.swap]]
[[inputs.netstat]]
[[inputs.processes]]
[[inputs.kernel]]

# Output Plugin InfluxDB
[[outputs.influxdb]]
  database = "telegraf"
  urls = [ "http://127.0.0.1:8086" ]
  username = "telegraf"
  password = "password"
```

Save, restart Telegraf, and check status.

```
sudo service telegraf restart
sudo service telegraf status
```

Check that Telegraf is working with the new config by printing some values.

```
sudo telegraf -test -config /etc/telegraf/telegraf.conf
```

See the video for an example of exploring the new data source in Grafana.