

Using Insights Core Framework

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1 Prerequisites

- GNU/Linux
- Python 3.6
 - Fedora

```
$ sudo dnf install python36
```
 - CentOS

```
$ sudo yum install epel-release centos-release-scl  
$ sudo scl enable rh-python36 bash
```
 - Ubuntu

```
$ sudo apt-get install python3-venv  
$ pip install wheel
```
- git
- sos-report
 - Fedora

```
$ sudo dnf install sos
```
 - CentOS/RedHat

```
$ sudo yum install sos
```
 - Ubuntu

```
$ sudo apt-get install sosreport
```

2 Repositories

- Insights Core Framework: Data collection & processing framework used by Red Hat Insights

```
$ mkdir ~/insights  
$ cd ~/insights  
# Clone the Insights Core repo  
$ git clone https://github.com/RedHatInsights/insights-core.git
```
- Plugins/Rules repo

```
# Clone the rules repo  
$ git clone https://github.com/vishwanathjadhav/analysis-plugins.git
```

3 Setup

- Setting up a development environment

```
$ python3.6 -m venv .
$ source bin/activate
$ pip install -e insights-core[develop]
$ pip install -e analysis-plugins[develop]

# Verifying the development environment
$ cd analysis-plugins
$ pytest # pytest -v
```

4 Generating a sos archive

```
$ sudo sosreport
```

5 Test the rule against sos archive

```
$ insighst-run -p telemetry.rules.plugins.networking ~/path/to/sos-archive
```