The following steps describe the configuration necessary for using the check_ipmi_plugin:

## 1. Software Modifications

The IPMI Sensor Monitoring Plugin requires the following software components:

- Nagios or Icinga
- [FreeIPMI](#)
- libipc-run-perl

## Installing the Plugin

Download the plugin from [https://github.com/thomas-krenn/check_ipmi_sensor_v3.git](https://github.com/thomas-krenn/check_ipmi_sensor_v3.git) and move it to /usr/lib/nagios/plugins/ with the name 'check_ipmi_sensor'

**2.** Open the /etc/nagios3/commands.cfg file for editing and add

## Command Definition

```
define command{
  command_name  check_ipmi_sensor
  command_line  $USER1$/check_ipmi_sensor -H $_HOSTIPMI_IP$ -f $ARG1$
  }

*replace #HOSTIPMI_IP$ with the agents IP address.

3. Open the file for the requred host or create one inside
/etc/nagios3/conf.d/node01.cfg
```

## Host Definition

```
define host{
  use          linux-server
  host_name    centos4
  alias        centos4
  address      192.168.1.151
  _ipmi_ip     192.168.1.211
  }
```

## Service Definition

```
define service{
  use                 generic-service
  host_name           centos4
  service_description  IPMI
  check_command       check_ipmi_sensor!/etc/ipmi-config/ipmi.cfg
  }
```

*remember to check for host_name.

**4.** If error occurs like configuration file not found, follow:

4.1 Make directory names ipmi-config in /etc and enter it.

4.2 cp file from /etc/freeipmi/freeipmi.conf to /etc/ipmi-config/ipmi.cfg

4.3 make the changes:

```
username monitoring
password ao5$snNc!
privilege-level user
```


Link: https://www.thomas-krenn.com/en/wiki/IPMI_Sensor_Monitoring_Plugin

END