

# Running a Nagios/Icinga plugin as root from NRPE

## Problem

In this example case a [check of the battery state of an IBM SIS SAS adapter](#) should be implemented. This check can be performed with the following command (for device `sissas0`):

```
$ /usr/bin/sissasraidmgr -M -o0 -l sissas0
```

## Result

The problem is that running `/usr/bin/sissasraidmgr` requires root privileges. Running it as the user `nrpe` triggered from the Nagios/Icinga server will produce no output due to lack of permissions.

## Solution

Give sudo access to the user `nrpe` to run the command.

- 1) Install `sudo` on the AIX/VIOS LPAR.
- 2) As root user on the AIX/VIOS LPAR run `visudo` and add these two lines at the end of the file:

```
# Nagios/Icinga check: allow the 'nrpe' user to run /usr/bin/sissasraidmgr
nrpe ALL=(ALL) NOPASSWD: /usr/bin/sissasraidmgr
```

- 3) In the script `/opt/freeware/lib/plugins/icinga/check_ibm_sissas.sh` (or wherever you have put it) add `"/usr/bin/sudo"` before the command.

```
/usr/bin/sudo /usr/bin/sissasraidmgr ...
```

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