

# NRPE - Linux Cached Memory Not Added to Free Memory

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## Problem Description

In older versions of the [Linux NRPE Agent](#), the memory plugin `custom_check_mem` did not take into account cached memory as part of the free memory and may create false warning or critical alerts, even though you are NOT low on memory.

## Resolving The Problem

In order to fix this, we have updated the `custom_check_mem` plugin, part of our Linux agent install script by adding an optional flag `[-n|--nocache]`. Basically, cached memory is added to the free memory when you use the "-n" flag.

Usage:

```
custom_check_mem [-w|--warning]<percent free> [-c|--critical]<percent free> [-n|--nocache]
```

If you are downloading a new copy of our Linux agent, the updated `custom_check_mem` plugin will be included. If you already installed the Linux agent, you can just download the updated `custom_check_mem` from [here](#). Copy the new script over the old `custom_check_mem`.

Next we need adjust any services to include the `-n` argument.

Go to Core Config Manager > Monitoring > Services

- Find the **Memory Usage** service and click it
- On the **Common Settings** tab modify the `$ARG2$` field by adding a `-n` flag

For example, if you had:

```
-a '-w 20 -c 10'
```

Change it to:

```
-a '-w 20 -c 10 -n'
```

Click on **Save** and then **Apply Configuration**.

## Final Thoughts

For any support related questions please visit the [Nagios Support Forums](#) at:

<http://support.nagios.com/forum/>

Posted by: **tlea** - Wed, Jan 27, 2016 at 4:19 PM. This article has been viewed 2917 times.

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