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# Probe – Robots\_checker 1.5

**CA Services**

## Release notes

### Version 1.5

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| * Send nimNamedRequest instead of nimRequest for old robot(s) * Update interval from 10 to 20 minutes. |

### Version 1.4

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| * Add alarm clear support. |

## Introduction

Robots\_checker check all robots probes attached to his hub. This probe has been created to do Selfmonitoring of robots probes.

The probe only sent callback(s) with nimRequest method to every robot (local method). So don’t use this probe for remote monitoring.

**This probe use the framework PERLUIM 4.X+**

## Features

* Trigger an alarm when the probe is down (Set **alarms\_probes\_down** to no if you don’t want an alarm).
* Trigger an alarm when the probe respond “ERR” to the callback.

## Functional Design

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## Installation & Configuration

### Section Setup:

| **Key** | **Values** | **Description** |
| --- | --- | --- |
| **domain** | string | CA UIM Domain |
| **audit** | 1 - 0 | When audit is set to 1, the probe does not generate new alarms (cool to test in production the first time). |
| **callback\_retry\_count** | number | Number of retries of default infrastructure callbacks (**getrobots** and **probeslist**). |
| **output\_directory** | string | Output directory name. |
| **output\_cache\_time** | number | Output directory cache time in second. |

### Section monitoring:

| **Key** | **Values** | **Description** |
| --- | --- | --- |
| **alarms\_probes\_down** | boolean | Trigger an alarm when a probe is down. (Status 0). |
| **alarms\_severity** | 1 - 0 | Alarms severity. |
| **alarms\_subsys** | string | Alarms sub system. |

### Section probe\_list:

Configure all callback you want to use in this section. Just put a new section with the name of your probe and a key named “callback” with the callback name as value.

Configuration example

<setup>

domain = DOMAIN

audit = 0

callback\_retry\_count = 3

nim\_login = login

nim\_password = password

output\_directory = output

output\_cache\_time = 432000

</setup>

<monitoring>

alarms\_probes\_down = yes

alarm\_severity = 2

alarm\_subsys = 1.1.20

</monitoring>

<probes\_list>

<cdm>

callback = \_status

</cdm>

<ntevl>

callback = \_status

</ntevl>

<dirscan>

callback = \_status

</dirscan>

<logmon>

callback = \_status

</logmon>

<spooler>

callback = \_status

</spooler>

<hdb>

callback = \_status

</hdb>

<ntservices>

callback = \_status

</ntservices>

<processes>

callback = \_status

</processes>

</probes\_list>