

Nagios Plugins integrieren: mrpe

Nagios: Viele existierende Plugins

Pakete in den Distributionen

```
apt-cache search nagios | grep plugin
```

Nagios-Exchange

<http://exchange.nagios.org/directory/Plugins>

(ca. 3700 Plugins - 04/15)

Integration in check_mk in

```
/etc/check_mk/mrpe.cfg
```

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/etc/check_mk/mrpe.cfg

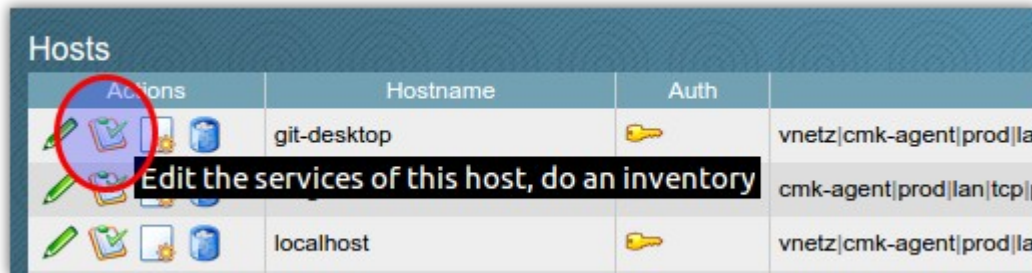
Name des Checks wie in Nagios - Check Befehl:
APT-PKG /usr/lib/nagios/plugins/check_apt

Testen: telnet localhost 6556

```
Name: /VirtualBox/GuestInfo/OS/NoLoggedInUsers, value: false
Name: /VirtualBox/GuestAdd/HostVerLastChecked, value: 4.3.26
<<<cups_queues>>>
---
<<<local>>>
<<<mrpe>>>
(check_apt) APT-PKGS 1 APT WARNING: 21 packages available for upgrade (0 critical updates). |available_upgrades=21;;;0 critical_updates=0;;;0
Connection closed by foreign host.
root@Git-Desktop:/etc/check_mk#
```

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Aufnahme in check_mk/OMD durch Inventarisierung



Services of host git-desktop (might be cached data)














Status Folder Host properties Diagnose Full Scan

Activate missing Save manual check configuration Automatic Refresh (Tabula Rasa)

Available (missing) services

Status	Checktype	Item	Service Description	Current check			
WARN	mrpe	APT-PKGS	APT-PKGS	APT WARNING: 21 packages available for upgrade (0 critical updates).		✗	

Already configured services

Status	Checktype	Item	Service Description	Current check			
OK	cpu.loads	None	CPU load	15min load 0.24		✗	✓
OK	cpu.threads	None	Number of threads	374 threads		✗	✓
OK	df	/	fs_/_	40.5% used (4.44 of 10.9 GB), (levels at 80.00/90.00%), trend: 0.00B / 24 hours		✗	✓
OK	diskstat	SUMMARY	Disk IO SUMMARY	0.00B/sec read, 0.00B/sec write, IOs: 0.00/sec		✗	✓
OK	kernel	Context Switches	Kernel Context Switches	0/s in last 1 secs		✗	✓
OK	kernel	Major Page Faults	Kernel Major Page Faults	0/s in last 1 secs		✗	✓
OK	kernel	Process Creations	Kernel Process Creations	0/s in last 1 secs		✗	✓
OK	kernel.util	None	CPU utilization	user: 1.1%, system: 0.4%, wait: 0.7%		✗	✓
OK	lnx_if	2	Interface 2	[eth0] (up) 1GBit/s, in: 0.00B/s, out: 0.00B/s		✗	✓
OK	mem.used	None	Memory used	0.55 GB used (0.35 GB RAM + 0.18 GB SWAP + 0.01 GB Pagetables, this is 74.8% of 0.73 GB RAM)		✗	✓
OK	mem.vmalloc	None	Vmalloc address space	total 240.1 MB, used 20.9 MB, largest chunk 214.7 MB		✗	✓
OK	mounts	/	Mount options of /	mount options exactly as expected		✗	✓
OK	tcp_conn_stats	None	TCP Connections	ESTABLISHED: 3, CLOSE_WAIT: 1, TIME_WAIT: 4		✗	✓
OK	uptime	None	Uptime	up since Sat May 2 10:29:44 2015 (0d 10:40:41)		✗	✓
OK	vbox_guest	None	VBox Guest Additions	version: 4.3.26, revision: 98988		✗	✓

mrpe – Übung



Fügen Sie mehrere Nagios Plugins via mrpe zu Ihrem Desktop Host hinzu.



<https://vimeo.com/126689262>