

Nagios Server Client - Config

Client Config

```
[root@crmsrv /]# apt-get install nagios-nrpe-server sudo
```

```
[root@crmsrv /]# pico -w /etc/nagios/nrpe.cfg
```

```
server_address=192.168.0.20
allowed_hosts=127.0.0.1,82.197.134.3 # Monitor-Server

command[check_mysql]=/usr/lib/nagios/plugins/check_mysql -H localhost -u
root --password='...'
command[check_load]=/usr/lib/nagios/plugins/check_load -w 5,7,9 -c 10,15,20
command[check_3ware]=/usr/lib/nagios/plugins/check_3ware
command[check_users]=/usr/lib/nagios/plugins/check_users -w 3 -c 5
command[check_disk_root]=/usr/lib/nagios/plugins/check_disk -w 20% -c 10% -p
/
command[check_disk_data]=/usr/lib/nagios/plugins/check_disk -w 20% -c 10% -p
/data
command[check_disk_usr]=/usr/lib/nagios/plugins/check_disk -w 20% -c 10% -p
/usr
command[check_disk_var]=/usr/lib/nagios/plugins/check_disk -w 20% -c 10% -p
/var
command[check_procs]=/usr/lib/nagios/plugins/check_procs -w 250 -c 400 -s
RSZDT
command[check_zombie]=/usr/lib/nagios/plugins/check_procs -w 250 -c 400 -s Z
command[check_swap]=/usr/lib/nagios/plugins/check_swap -av -w 80% -c 20%
command[check_samba]=/usr/lib/nagios/plugins/check_disk_smb -H
10.200.200.253 -s crm -u CRM --password='...'
command[check_mem]=/usr/lib/nagios/plugins/check_procs -w 4000000 -c 5000000
--metric=VSZ
command[check_cpu]=/usr/lib/nagios/plugins/check_procs -w 80 -c 96 --
metric=CPU
```

Nagios Plugin - check_3ware

```
[root@crmsrv /]# pico -w /usr/lib/nagios/plugins/check_3ware
```

Sie müssen dieses Skript an Ihre Bedürfnisse anpassen.

```
- !/usr/bin/php -n
<?php
```

```
define('DEVICE', 'c0');
define('SUDO', '/usr/bin/sudo');
define('TWCLI', '/usr/sbin/tw-cli');

$fp = popen(SUDO." ".TWCLI." info ".DEVICE, "r");
$c = explode("\n", trim(stream_get_contents($fp)));
$h = array_flip(explode(" ", preg_replace('/\s\s+/', ' ', $c[0])));
$d = explode(" ", preg_replace('/\s\s+/', ' ', $c[2]));

if ($d[$h['Status']] != 'OK') {
    echo $c[2];
    if ($d[$h['Status']] == 'REBUILDING') exit(1);
    else exit(2);
}

$h = array_flip(explode(" ", preg_replace('/\s\s+/', ' ', $c[4])));

for ($i=6; $i<count($c); $i++) {

    if (!trim($c[$i])) break;

    $d = array_map('trim', explode(" ", preg_replace('/\s\s+/', ' ',
$c[$i])));
    if (!isset($d[$h['Status']]) || $d[$h['Unit']] == '-') continue;

    if ($d[$h['Status']] != 'OK') {
        echo $c[$i];
        exit(2);
    }
}

echo $c[2];
exit(0);

?>
```

```
[root@crmsrv /]# chmod +x /usr/lib/nagios/plugins/check_3ware
```

```
[root@crmsrv /]# visudo
```

Fügen Sie die folgenden Zeilen an das Ende der Datei an.

```
nagios ALL=NOPASSWD: /usr/sbin/tw-cli
```

Sie können es nun testen. Sie können es ohne Passwort ausführen:

```
[root@crmsrv /]# sudo -u nagios /usr/lib/nagios/plugins/check_3ware
```

Nagios Plugin - check_Isi

für LSI MegaRAID SAS-Controller

Zuerst ist [megactl_0_4_1.deb](#) oder [megactl_0_4_1_i386.deb](#) zu installieren mit:

```
[root@crmsrv /]# dpkg -i Megactl_0.4.1.deb
```

```
[root@crmsrv /]# pico -w /usr/lib/nagios/plugins/check_Isi
```

Sie müssen dieses Skript an Ihre Bedürfnisse anpassen.

```
- !/bin/bash

HOST=$(hostname)
SUDO=/usr/bin/sudo
MEGACTL=/usr/sbin/megasasctl
ADMIN=test@example.com

CHECKRAID=$(($SUDO $MEGACTL | grep -i 'degraded\|fail')

if (( $? != 0 ))
then
    echo "OK - $HOST - RAID OK"
    exit 0;
else
    echo -e "$($SUDO $MEGACTL)" | mail $ADMIN -s "$HOST RAID Error"
    RAIDDETAILS=$(($SUDO $MEGACTL | grep -i 'rebuild')
    if (( $? == 0 ))
    then
        echo "WARNING - $HOST - RAID rebuilding"
        exit 1;
    else
        echo "CRITICAL - $HOST - RAID critical"
        exit 2;
    fi
fi

echo "CRITICAL - $HOST - RAID unknown"
exit 3;
```

```
[root@crmsrv /]# chmod +x /usr/lib/nagios/plugins/check_Isi
```

```
[root@crmsrv /]# visudo
```

Fügen Sie die folgenden Zeilen an das Ende der Datei an.

```
nagios ALL=NOPASSWD: /usr/sbin/megasasctl
```

Sie können es nun testen. Sie können es ohne Password ausführen:

```
[root@crmsrv /]# sudo -u nagios /usr/lib/nagios/plugins/check_lsi
```

Nagios Plugin - check_hpsmart

für HP SmartArray Controller

Zuerst HP Array Configuration Utility CLI installieren:

Datei /etc/apt/sources.list bearbeiten und folgende Zeile anfügen:

```
deb http://hwraid.le-vert.net/debian squeeze main
```

```
[root@crmsrv /]# apt-get update [root@crmsrv /]# apt-get install hpacucli
```

Anschliessend das Script konfigurieren:

```
[root@crmsrv /]# pico -w /usr/lib/nagios/plugins/check_hpsmart
```

Sie müssen dieses Skript an Ihre Bedürfnisse anpassen.

```
- !/usr/bin/php -n
<?php

define('SLOT', '1');
define('SUDO', '/usr/bin/sudo');
define('ACUCLI', '/usr/sbin/hpacucli');

$fp_controller = popen(SUDO." ".ACUCLI." controller slot=".SLOT." show
status", "r");
$fp_drives      = popen(SUDO." ".ACUCLI." controller slot=".SLOT." pd all
show status", "r");
$controller     = array_map('trim', explode("\n",
trim(stream_get_contents($fp_controller))));
$drives         = array_map('trim', explode("\n",
trim(stream_get_contents($fp_drives))));

if (count($controller) < 2) {
    echo 'No Controller-Information found.';
    exit(2);
}
elseif (!count($drives)) {
    echo 'No physical drives found.';
```

```
        exit(2);
    }

    if (substr($controller[1], -2) != 'OK') {
        echo $controller[0].' - '.$controller[1];
        exit(2);
    }
    elseif (isset($controller[2]) && substr($controller[2], -2) != 'OK') {
        echo $controller[0].' - '.$controller[2];
        exit(1);
    }
    elseif (isset($controller[3]) && substr($controller[3], -2) != 'OK') {
        echo $controller[0].' - '.$controller[3];
        exit(1);
    }

    foreach ($drives as $drive) {
        if (substr($drive, -2) == 'OK') {
            continue;
        }

        echo $controller[0].' - '.$drive;

        if (substr($drive, -6) == 'Failed') exit(2);
        else                               exit(1);
    }

    echo $controller[0].' OK';
    exit(0);

?>
```

```
[root@crmsrv /]# chmod +x /usr/lib/nagios/plugins/check_hpsmart
```

```
[root@crmsrv /]# visudo
```

Fügen Sie die folgenden Zeilen an das Ende der Datei an.

```
nagios ALL=NOPASSWD: /usr/sbin/hpacucli
```

Sie können es nun testen. Sie können es ohne Passwort ausführen:

```
[root@crmsrv /]# sudo -u nagios /usr/lib/nagios/plugins/check_hpsmart
```

Nagios Plugin - check_3ware_temp

```
[root@crmsrv /]# apt-get install smartmontools
```

```
[root@crmsrv /]# pico -w /usr/lib/nagios/plugins/check_3ware_temp
```

Sie müssen dieses Skript an Ihre Bedürfnisse anpassen.

```
#!/bin/bash

ret=`/usr/bin/sudo /usr/sbin/smartctl -a -d 3ware,$1 /dev/twa0 | grep
Temperature | awk '{print $10}'`

if [ $ret -gt 45 ];
then
    echo "DISK $1 WARNING: Temperature high at Disk $1 ($ret
°C)|hdtemp=$ret;";
    exit 1;
else
    echo "DISK $1 OK: Temperature normal at Disk $1 ($ret °C)|hdtemp=$ret;";
    exit 0
fi
```

```
[root@crmsrv /]# chmod +x /usr/lib/nagios/plugins/check_3ware_temp
```

```
[root@crmsrv /]# visudo
```

Fügen Sie die folgenden Zeilen an das Ende der Datei an.

```
nagios ALL=NOPASSWD: /usr/sbin/smartctl
```

Sie können es nun testen. Sie können es ohne Passwort ausführen:

```
[root@crmsrv /]# sudo -u nagios /usr/lib/nagios/plugins/check_3ware_temp 0
```

Restart NRPE-Server

```
[root@crmsrv /]# /etc/init.d/nagios-nrpe-server restart
```

Server Config

```
[root@monitor /]# pico -w /etc/nagios3/conf.d/_hostname_.cfg
```

Tauschen Sie host mit dem hostnamen.

```
define host {
    use          linux-server
    host_name    host
    alias        intranet.host.com
```

```
        address      163.54.123.25
    }

define service{
    use                remote-service
    host_name          host
    contact_groups    admins
    service_description PING
    check_command      check_ping!300.0,20%!500.0,60%
}

define service{
    use                remote-service
    host_name          host
    contact_groups    admins
    service_description HTTPS
    check_command      check_https
}

define service{
    use                remote-service
    host_name          host
    contact_groups    admins
    service_description SSH
    check_command      check_ssh_port!22
}

define service{
    use                remote-service
    host_name          host
    contact_groups    admins
    service_description USERS
    check_command      check_nrpe!check_users
}

define service{
    use                remote-service
    host_name          host
    contact_groups    admins
    service_description LOAD
    check_command      check_nrpe!check_load
}

define service{
    use                remote-service
    host_name          host
    contact_groups    admins
    service_description DISK /
    check_command      check_nrpe!check_disk_root
}
```

```
define service{
    use                remote-service
    host_name          host
    contact_groups     admins
    service_description DISK /data
    check_command      check_nrpe!check_disk_data
}

define service{
    use                remote-service
    host_name          host
    contact_groups     admins
    service_description DISK /usr
    check_command      check_nrpe!check_disk_usr
}

define service{
    use                remote-service
    host_name          host
    contact_groups     admins
    service_description DISK /var
    check_command      check_nrpe!check_disk_var
}

define service{
    use                remote-service
    host_name          host
    contact_groups     admins
    service_description ZOMBIE
    check_command      check_nrpe!check_zombie
}

define service{
    use                remote-service
    host_name          host
    contact_groups     admins
    service_description PROCS
    check_command      check_nrpe!check_procs
}

define service{
    use                remote-service
    host_name          host
    contact_groups     admins
    service_description MYSQL
    check_command      check_nrpe!check_mysql
}

define service{
```



```
    use                remote-service
    host_name          host
    contact_groups     admins
    service_description SWAP
    check_command      check_nrpe!check_swap
}

define service{
    use                remote-service
    host_name          host
    contact_groups     admins
    service_description CPU
    check_command      check_nrpe!check_cpu
}

define service{
    use                remote-service
    host_name          host
    contact_groups     admins
    service_description MEM
    check_command      check_nrpe!check_mem
}

define service{
    use                remote-service
    host_name          host
    contact_groups     admins
    service_description 3WARE
    check_command      check_nrpe!check_3ware
}

define service{
    use                remote-service
    host_name          host
    contact_groups     admins
    service_description SAMBA
    check_command      check_nrpe!check_samba
}
```

```
[root@monitor ~]# /etc/init.d/nagios3 restart
```

From:

<https://wiki.tecart.de/> - **TecArt Developer Wiki**

Permanent link:

https://wiki.tecart.de/installation:zusaeztliche_software:nagios_server_client_-_config



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