

## Nagios NRPE Event Handler

Appunti per Event Handler

in questo esempio prendiamo:

1) **server nagios che monitora servizio http su macchina remota**

2) **ubuntu server remoto con apache2 ( 2.4.7 ) con nrpe server**

Impostare quanto segue su ubuntu server http, nrpe ( il server DA monitorare ):

creare un semplice script del tipo:

```
#!/bin/sh
service apache2 stop
service apache2 start
salvarlo come /etc/nagios/restart-http.sh
```

impostare il comando:

```
##On Event- HTTP CRASH - Restart - nrpe event handler
command[restart_httpd]=sh /etc/nagios/restart-http.sh
```

Dare i permessi all'utente "nagios" in sudoers:

```
nagios ALL=(ALL) NOPASSWD: /usr/lib/nagios/plugins/
nagios ALL=(ALL) NOPASSWD: /usr/bin/service
```

## Nagios Server:

Impostare il servizio come segue:

```
define service{
    host_name                UbuntuFront
    service_description      HTTPD
    check_command             check_http
    max_check_attempts       4
    event_handler             restart-httpd!$SERVICESTATE$ $STATETYPE$
    $SERVICEATTEMPT$
    use                       generic-service,nagiosgraph
    notification_interval    0 ; set > 0 if you want to be
    renotified
}
```

Impostare il comando:

```
define command{
    command_name    restart-httpd
    command_line    sh /etc/nagios3/conf.d/event-command/restart-http.sh
$SERVICESTATE$ $SERVICESTATETYPE$ $SERVICEATTEMPT$ $HOSTADDRESS$
}
```

Ed ora lo script, da rendere poi eseguibile con `chmod +x restart-http.sh`

```
case "$1" in
OK)
    ;;
WARNING)
    ;;
UNKNOWN)
    ;;
CRITICAL)
    case "$2" in
SOFT)
        case "$3" in
3)
            echo -n "Restarting HTTP service (3rd soft critical state)..."
            /usr/lib/nagios/plugins/check_nrpe -H $4 -c restart_httpd
            ;;
        esac
        ;;
HARD)
        case "$3" in
4)
            echo -n "Restarting HTTP service..."
            /usr/lib/nagios/plugins/check_nrpe -H $4 -c restart_httpd
            ;;
        esac
        ;;
    esac
    ;;
esac
exit 0
```

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Last update: **2021/04/17 19:12**