













# Ordnung: Hosts gruppieren (Hostgroups)




## Jahnstrasse 4

state	Host	Icons	Alias	OK	Wa	Un	Cr	Pd
UP	helga.js4.talheim.net	  	helga.js4.talheim.net	15	0	0	0	0
UP	pokka.js4.talheim.net	  	pokka.js4.talheim.net	17	0	0	0	0
UP	snorre.js4.talheim.net	  	snorre.js4.talheim.net	17	0	0	0	0
UP	toothless.js4.talheim.net	  	toothless.js4.talheim.net	41	0	0	0	0

## Lehrerpost Servers



















state	Host	Icons	Alias	OK	Wa	Un	Cr	Pd
UP	autogenix.lehrerpost.de	  	autogenix.lehrerpost.de	35	0	0	0	0
UP	gw09.freifunk-stuttgart.de	  	gw09.freifunk-stuttgart.de	21	0	0	0	0
UP	mx.lehrerpost.de	  	mx.lehrerpost.de	28	0	0	0	0
UP	ws.lehrerpost.de	  	ws.lehrerpost.de	25	0	0	0	0

## Monitoring Servers

state	Host	Icons	Alias	OK	Wa	Un	Cr	Pd
UP	lenny.ua25.de	  	lenny.ua25.de	22	0	0	0	0



## QG Moessingen PaedNetz

state	Host	Icons	Alias	OK	Wa	Un	Cr	Pd
UP	august.qg-moessingen.de	  	august.qg-moessingen.de	35	0	0	0	0
UP	enterprise.qg-moessingen.de	  	enterprise.qg-moessingen.de	20	0	0	0	0
UP	excelsior.qg-moessingen.de	  	excelsior.qg-moessingen.de	23	0	0	0	0
UP	scotty.qg-moessingen.de	  	scotty.qg-moessingen.de	17	0	0	0	0
UP	spock.qg-moessingen.de	  	spock.qg-moessingen.de	24	0	0	0	0
UP	worf.qg-moessingen.de	  	worf.qg-moessingen.de	20	0	0	0	0

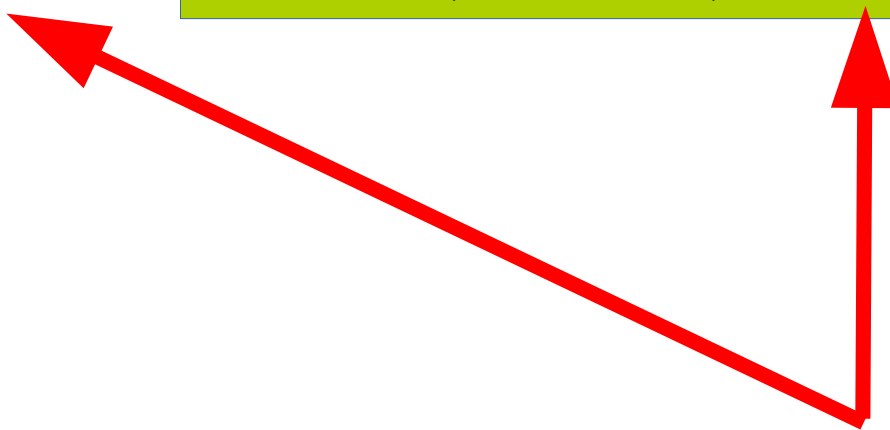
## Ziele 24

state	Host	Icons	Alias	OK	Wa	Un	Cr	Pd
UP	talentix.talheim.net	  	talentix.talheim.net	27	0	0	0	0
UP	www.linuxmuster.net	  	www.linuxmuster.net	19	0	0	0	0
UP	www.schulportfolio-online.de	  	www.schulportfolio-online.de	18	0	0	0	0
UP	www.ziele24.eu	  	www.ziele24.eu	18	0	0	0	0

# Ordnung: Hosts gruppieren (Hostgroups)

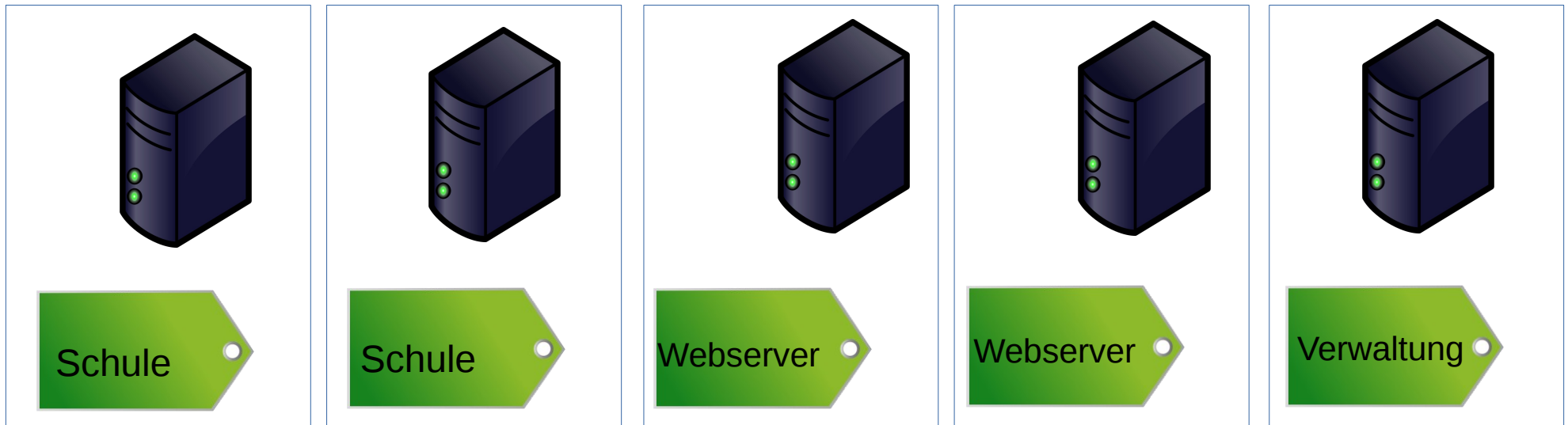
## Vanilla nagios:

```
define hostgroup{  
    hostgroup_name      novell-servers  
    alias               Novell Servers  
    members             netware1,netware2,netware3,netware4, u.v. Namen mehr!  
}
```



Kompliziert: Die Hosts muss es als eigene (Nagios-)Objekte geben, Liste muss immer aktuell sein  
→ sonst kein Nagios Start!

# OMD: Tagging als fundamentales Prinzip



## OMD:

Alle Hosts mit dem Tag Schule → Hostgroup „Schule“

Alle Hosts mit dem Tag Webserver → Hostgroup „Webserver“

Alle Hosts mit dem Tag Verwaltung → Hostgroup „Verwaltungsrechner“



OMD Erzeugt Nagios Konfiguration

Dynamisch generierte Hostgruppen

Man *kann* die Hosts auch manuell den Hostgruppen zuordnen – Tagging ist aber fundamental in OMD check\_mk

# OMD: Tagging für Hostgroups Step by Step

Neue Tag Gruppe anlegen,  
z.B. location ↔ Standort

Neue Hostgruppe(n) anlegen

Zuordnungsregel  
Tag → Hostgruppe  
anlegen.

Vorbereitungen

## **Host → Tag → Hostgruppe**

Vorhandene oder neue Hosts mit entsprechendem Tag versehen → Host wandert in die entsprechende Hostgruppe.

# OMD: Tagging für Hostgroups Step by Step

Neue Tag Gruppe anlegen,  
z.B. location ↔ Standort

The screenshot shows the Check\_MK WATO configuration interface. The sidebar on the left contains a navigation menu with 'Host Tags' highlighted by a red circle (1). The top navigation bar includes a 'New Tag group' button highlighted by a red box (2). The main content area displays the 'Host tag groups' table, which has a row for 'location' (Standort) highlighted by a red box (3). Below this is the 'Auxiliary tags' table.

Actions	ID	Title	Topic	Type	Choices	Demonstration
	agent	Agent type		Dropdown	5	Check_MK Agent (Server)
	criticality	Criticality		Dropdown	4	Productive system
	networking	Networking Segment		Dropdown	3	Local network (low latency)
	location	Standort	Standort	Dropdown	3	Paedagogisches Netz










Actions	ID	Title
	snmp	monitor via SNMP
	tcp	monitor via Check_MK Agent



# OMD: Tagging für Hostgroups Step by Step

## Neue Hostgruppe(n) anlegen

The screenshot shows the Check\_MK 1.2.4p5 interface. The left sidebar contains a navigation menu with 'Host Groups' highlighted (marked with a red circle and the number 1). The main area displays the 'Host Groups' page with a 'No Changes' status bar and buttons for 'Main Menu', 'New group' (marked with a red circle and the number 2), and 'Rules' (marked with a red circle and the number 3). Below these buttons is a table listing existing host groups:

Actions	Name	
  	paednetz	Paedagogisches Netz
  	vnetz	Verwaltungsnetz
  	webservices	Web Dienste

# OMD: Tagging für Hostgroups Step by Step

Zuordnungsregel  
Tag → Hostgruppe  
anlegen.

Check\_MK 1.2.4p5

Assignment of hosts to host groups

No Changes Main Menu Grouping Used Rulesets

Main directory

Rules in folder Main directory

Order	Actions	Conditions	
↓		▪ Host is of type <b>Paedagogisches Netz</b>	Paedagogisches Netz
↑ ↓		▪ Host is of type <b>Verwaltungsnetz</b>	Verwaltungsnetz
↑		▪ Host is of type <b>Webdienste</b>	Web Dienste

Create rule in folder: Main directory

1



# OMD: Tagging für Hostgroups Step by Step

Host → Tag → Hostgruppe

The screenshot shows the Check\_MK 1.2.4p5 web interface. The left sidebar contains a menu with 'Hosts' highlighted. The main content area is titled 'Edit host helga' and has tabs for 'Status', 'Folder', 'Services', 'Rulesets', and 'Diagnose'. The 'General Properties' section shows 'Hostname' as 'helga'. The 'Basic settings' section includes 'Permissions', 'Alias', 'IP address' (10.0.0.1), and 'Parents'. The 'Host tags' section includes 'Agent type', 'Criticality', and 'Networking Segment'. The 'Standort' section is highlighted with a red box, showing 'Standort' as 'Paedagogisches Netz'. A red arrow points to this section. At the bottom, there are buttons for 'Save & go to Services', 'Save & Finish', 'Save & Test', and 'Delete host!'.



# OMD: Tagging für Hostgroups Step by Step

## Hostgroups



2 30s ...

### Paedagogisches Netz

state	Host	Icons	Alias	OK	Wa	Un	Cr	Pd
UP	helga	  	helga	15	0	0	0	0
UP	snorre	  	snorre	17	0	0	0	0

### Verwaltungsnetz

state	Host	Icons	Alias	OK	Wa	Un	Cr	Pd
UP	git-desktop	  	git-desktop	16	0	0	0	0
UP	localhost	  	localhost	16	0	0	0	0
UP	toothless	  	toothless	41	0	0	0	0

### Web Dienste

state	Host	Icons	Alias	OK	Wa	Un	Cr	Pd
UP	pokka	  	pokka	17	0	0	0	0



# OMD: Tagging für Hostgroups – Übung



Einige Hosts ins Monitoring

In mehrere Hostsgruppen  
Gruppieren:

Verwenden Sie Tagging.  
Gruppieren Sie die Hosts direkt



<https://vimeo.com/126666496>