

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

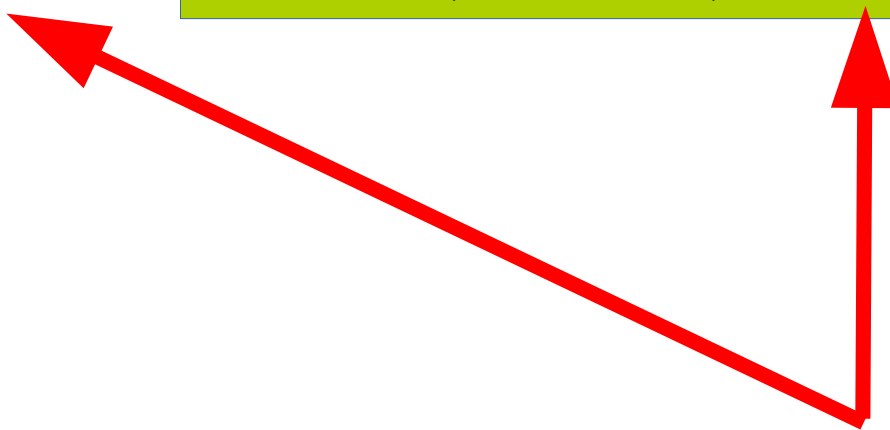
Ziele 24

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)

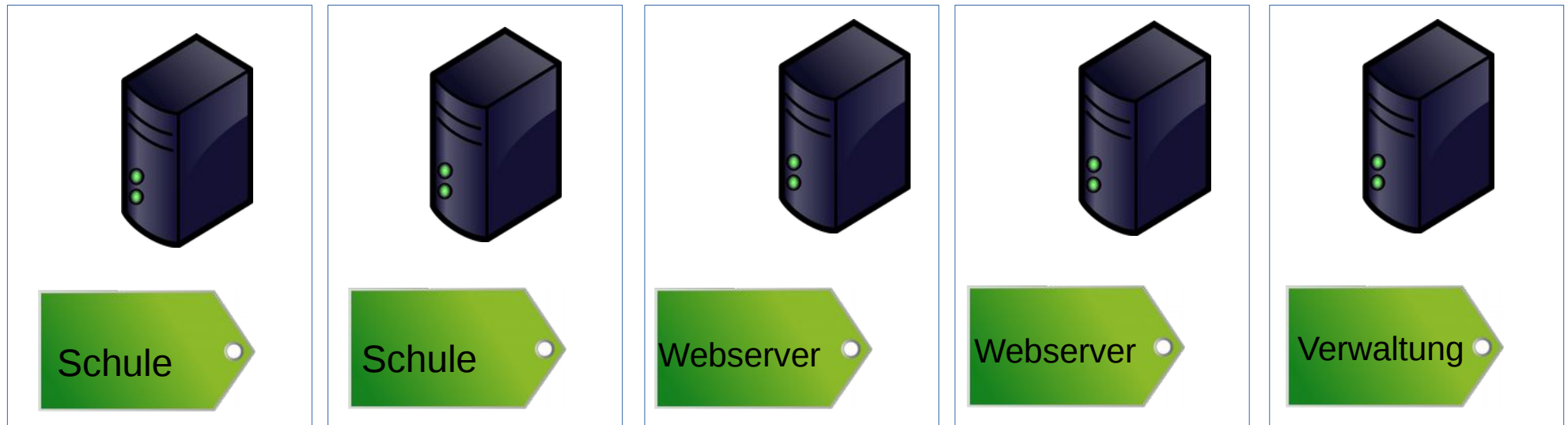
Vanilla nagios:

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

A red arrow originates from the 'members' field in the Nagios configuration block and points towards a text block at the bottom of the slide. Another red arrow points from the text block back up to the 'members' field, forming a loop that emphasizes the relationship between the configuration and the underlying host objects.

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“

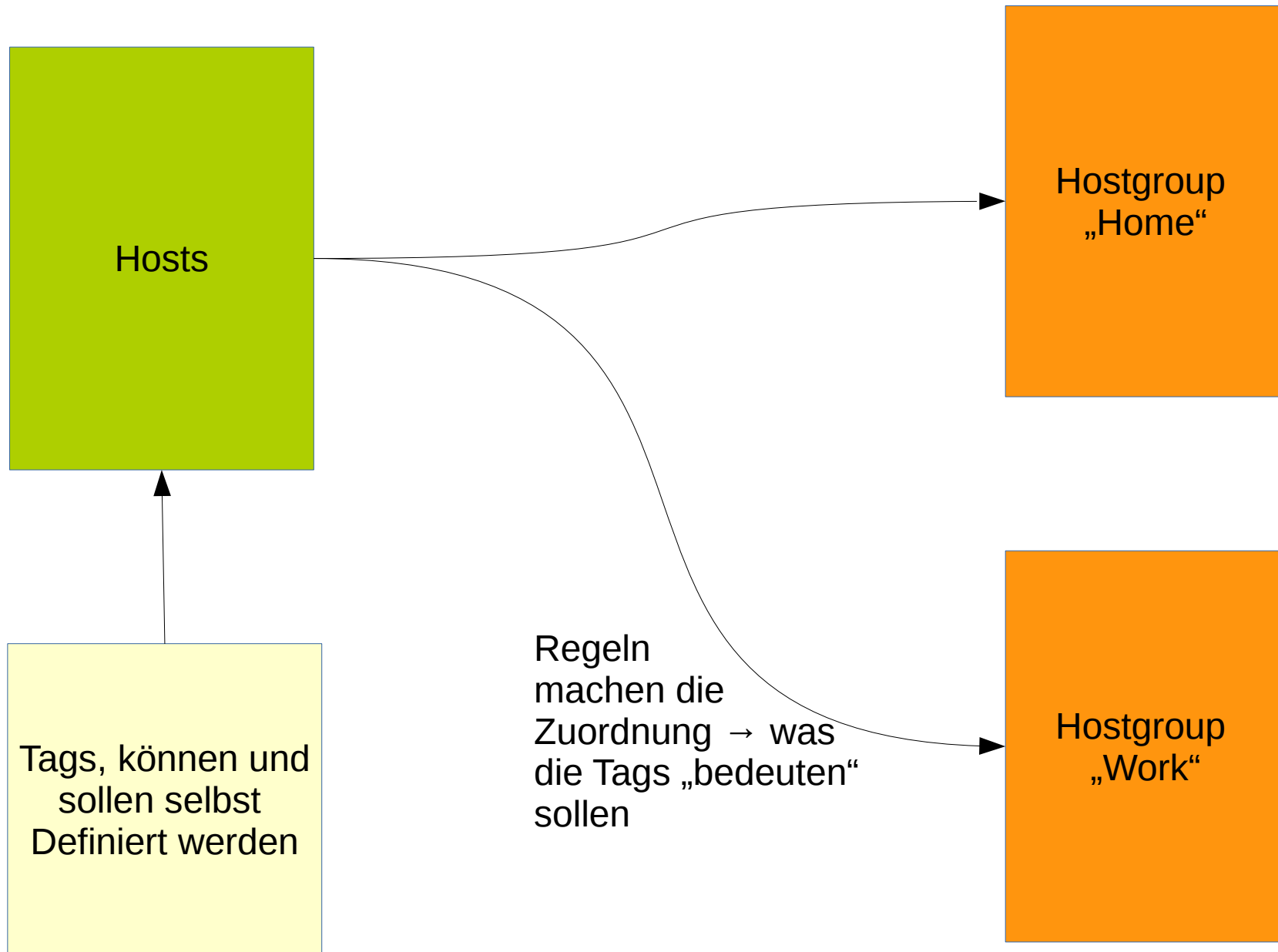


OMD Erzeugt Nagios Konfiguration

Dynamisch generierte Hostgruppen

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

OMD: Tagging für Hostgroups ein Bildchen



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 bar features a 'New Tag group' button highlighted by a red box (2). The main content area displays the 'Host tag groups' table, which includes columns for Actions, ID, Title, Topic, Type, Choices, and Demonstration. A new tag group 'location' with the title 'Standort' is highlighted in blue, and its 'Choices' dropdown is set to 'Paedagogisches Netz', marked by a red circle (3). Below the main table, the 'Auxiliary tags' section lists 'snmp' and 'tcp' tags.










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 displays the Check_MK 1.2.4p5 interface. On the left sidebar, the 'Host Groups' menu item is highlighted with a red box and a circled '1'. The main content area shows the 'Host Groups' page with a 'No Changes' status bar. Two buttons, 'New group' and 'Rules', are highlighted with red boxes and circled '2' and '3' respectively. 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 Paedagogisches Netz
↑ ↓	✎ ⚙	■ Host is of type Verwaltungsnetz
↑	✎ ⚙	■ Host is of type Webdienste

Create rule in folder: Main directory

1

WATO - Configuration

- Main Menu
- Hosts
- Host Tags
- Global Settings
- Host & Service Parameters
- Host Groups
- Service Groups
- Users
- Roles & Permissions
- Contact Groups
- Time Periods
- Logfile Pattern Analyzer
- BI - Business Intelligence
- Distributed Monitoring
- Audit Logfile
- Backup & Restore

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 navigation menu with 'Hosts' highlighted. The main content area is titled 'Edit host helga' and includes tabs for Status, Folder, Services, Rulesets, and Diagnose. The 'General Properties' section shows the 'Hostname' as 'helga'. The 'Basic settings' section includes fields for Permissions, Alias, IP address (10.0.0.1), and Parents. The 'Host tags' section includes Agent type, Criticality, and Networking Segment. The 'Standort' dropdown is set to 'Paedagogisches Netz'. A red arrow points to the 'Standort' dropdown.

Check_MK 1.2.4p5

Edit host helga

Status Folder Services Rulesets Diagnose

General Properties

Hostname helga Host bearbeiten

Basic settings

Permissions empty (Default value)

Alias empty (Default value)

IP address 10.0.0.1

Parents empty (Default value)

Host tags

Agent type Check_MK Agent (Server) (Default value)

Criticality Productive system (Default value)

Networking Segment Local network (low latency) (Default value)

Standort

Standort Paedagogisches Netz

Save & go to Services Save & Finish Save & Test 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>