













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

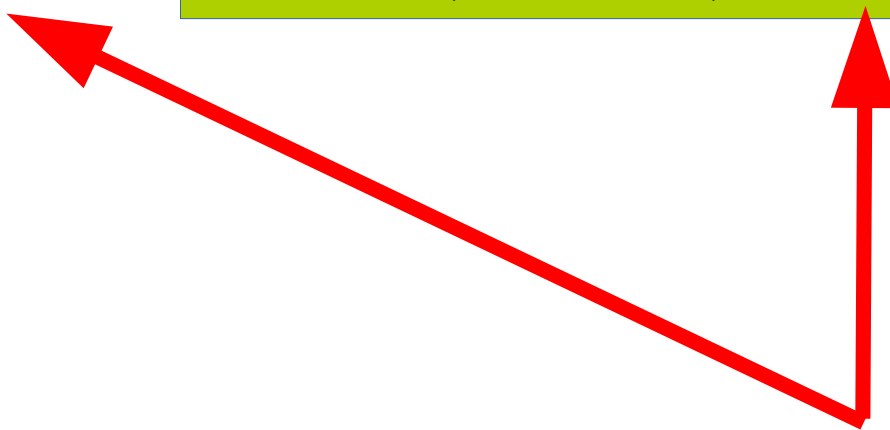
Ziele 24

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)

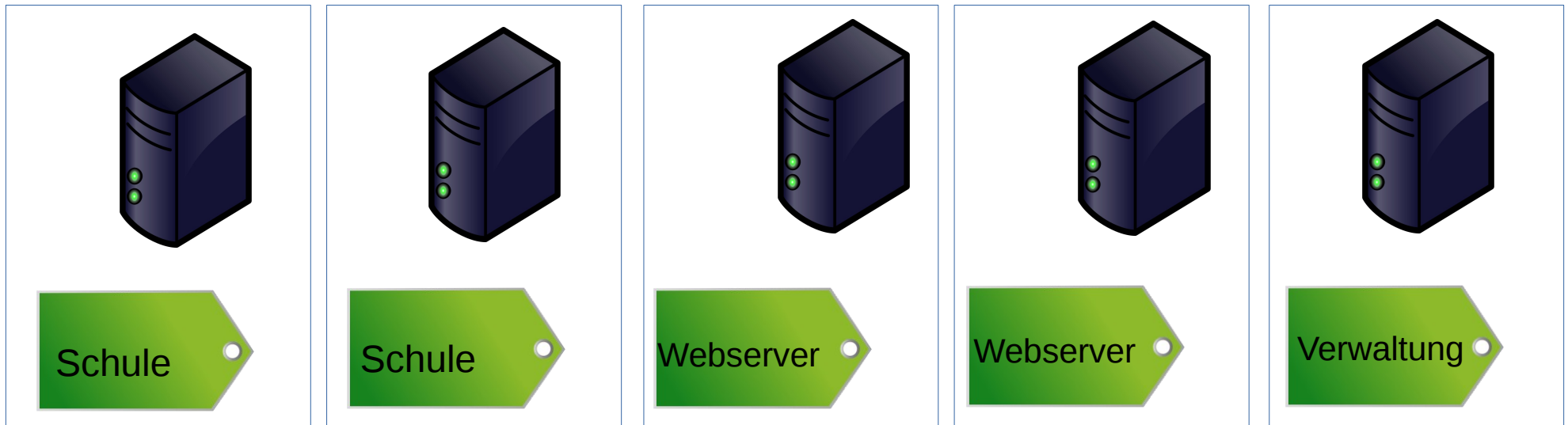
Vanilla nagios:

```
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 code 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“

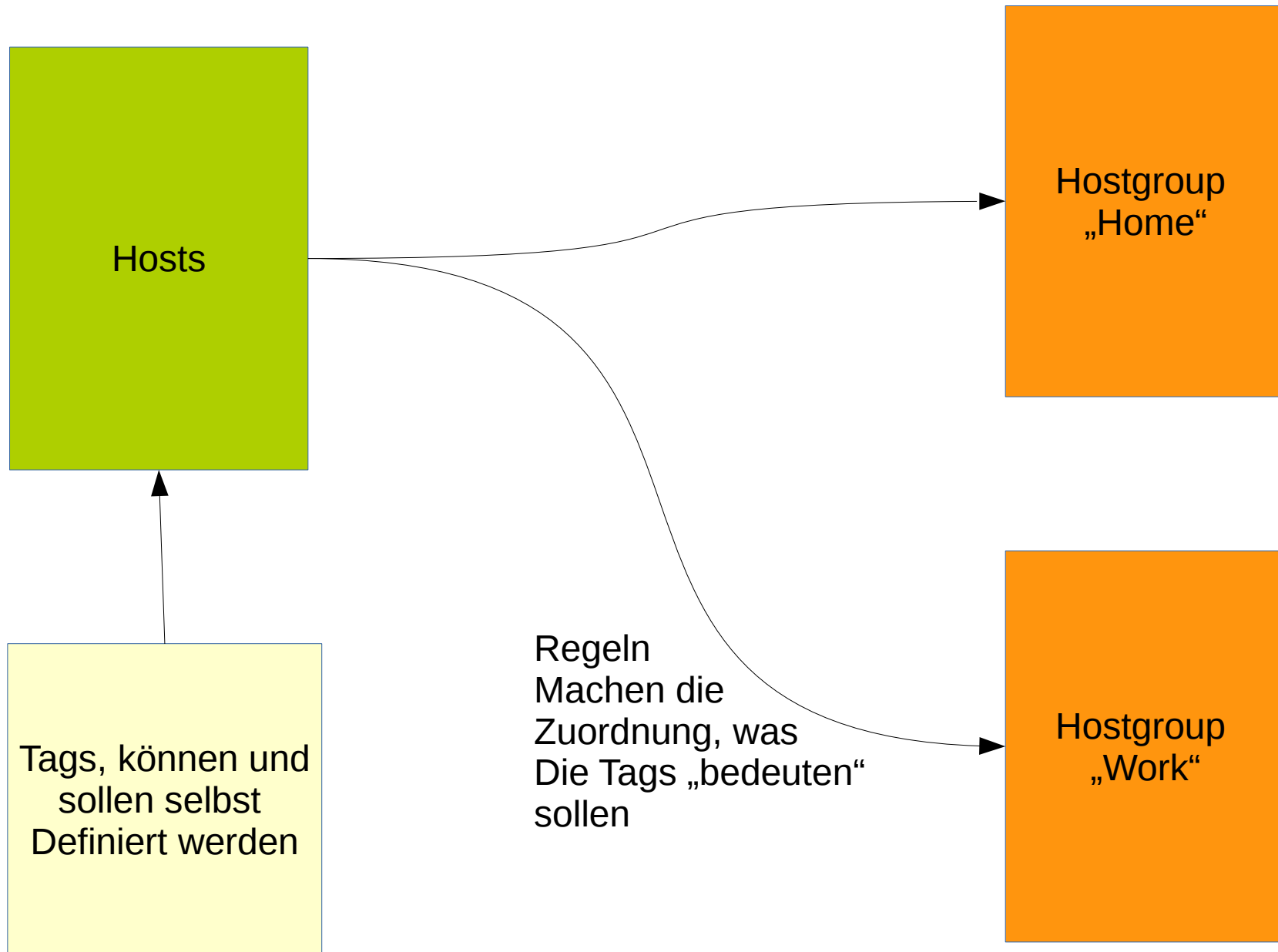


OMD Erzeugt Nagios Konfiguration

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 and the number 1. The top bar features a 'New Tag group' button, highlighted by a red box and the number 2. The main content area displays the 'Host tag groups' section, which includes a table with columns: Actions, ID, Title, Topic, Type, Choices, and Demonstrations. The 'location' row is highlighted by a red box and the number 3. Below this table is the 'Auxiliary tags' section, which also contains a table with columns: Actions, ID, and Title.










Actions	ID	Title	Topic	Type	Choices	Demonstrations
	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. The left sidebar contains a navigation menu with 'Host Groups' highlighted and circled with a red '1'. The main area shows the 'Host Groups' page with a 'No Changes' status bar and buttons for 'Main Menu', 'New group' (circled with a red '2'), and 'Rules' (circled with a red '3'). Below these buttons is a table listing existing host groups: 'paednetz' (Paedagogisches Netz), 'vnetz' (Verwaltungsnetz), and 'webservices' (Web Dienste). The table has columns for 'Actions' and 'Name'. The 'Rules' button is also circled with a red '3'.

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	Paedagogisches Netz
↑ ↓		▪ Host is of type Verwaltungsnetz	Verwaltungsnetz
↑		▪ Host is of type Webdienste	Web Dienste

Create rule in folder: Main directory ▼

1

OMD: Tagging für Hostgroups Step by Step

Host → Tag → Hostgruppe

Check_MK 1.2.4p5

Edit host helga

Status Folder Services Rulesets Diagnose

General Properties

Hostname Host bearbeiten

Basic settings

Permissions ☐ empty (Default value)

Alias ☐ empty (Default value)

IP address ☒

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 ☒ ←

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>