

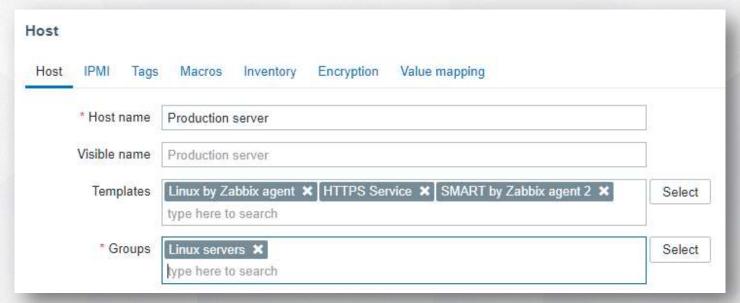
Template is a set of entities that can be applied to multiple hosts

Create an entity on a template and then apply it to as many hosts as needed:

- ◆ Changing something on the template level will propagate the change to all the linked hosts.
- \*Allows to easily set up and manage monitoring of hundreds or thousands of hosts

Templates are linked to each individual host directly (and not to a host group)





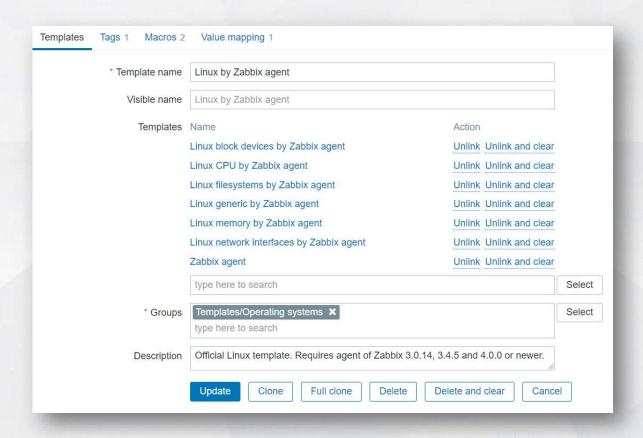
#### TEMPLATE PROPERTIES

## Templates can be accessed in the Configuration > Templates frontend section

♣ The section works similarly to the Configuration > Hosts

#### Template has similar properties to a host:

- → Name and visible name
- **→** Groups
- ♣ Description
- Linked templates
- ♣ Tags, user macros and value maps
- → Value maps
- They do not have any interfaces defined





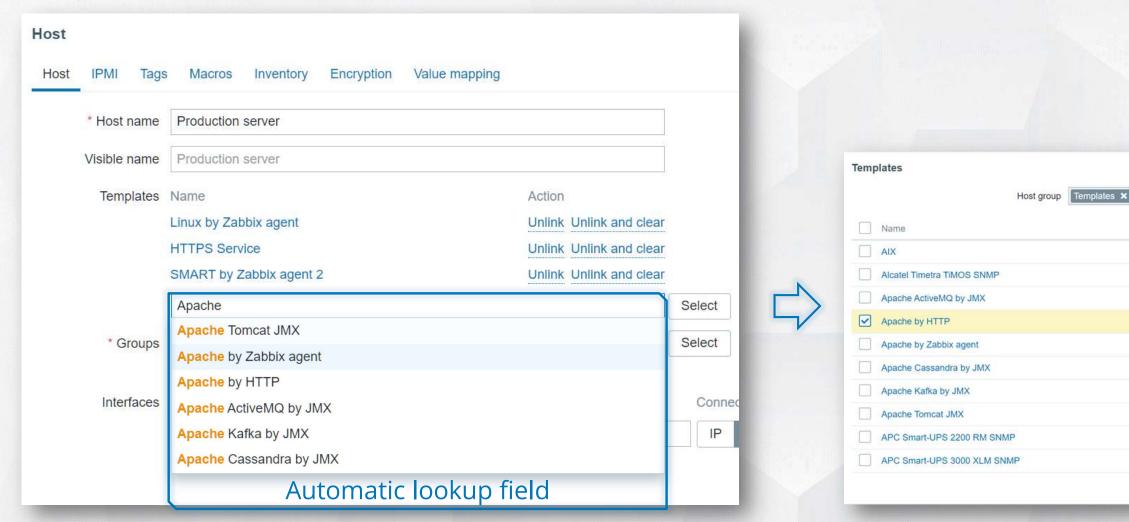
Templates must belong to at least one host group, it is used for logical grouping

### Templates can be linked to hosts using:

♣Automatic lookup field start typing a name and all matching templates will be offered

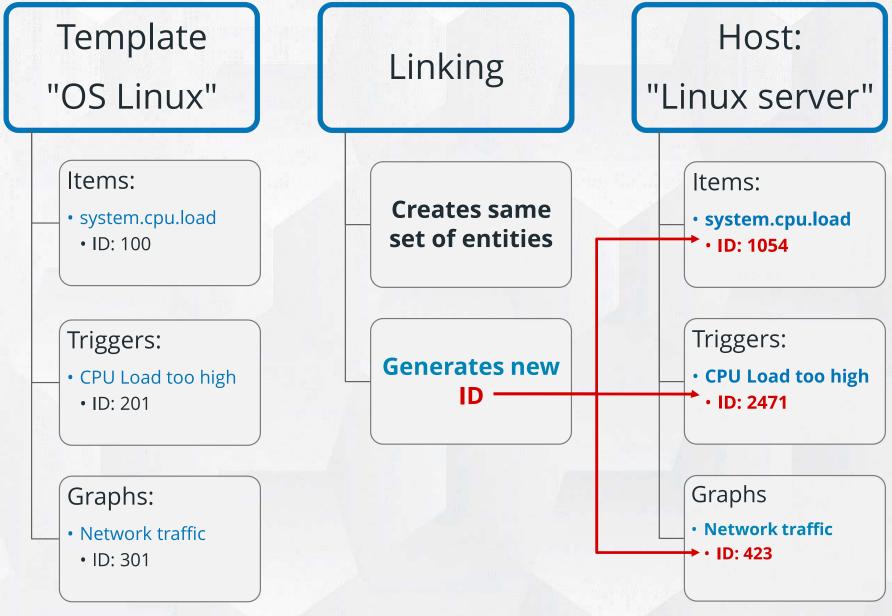
♣ List selector

start typing a name and all matching templates will be offered select templates from a template group using list



Cancel

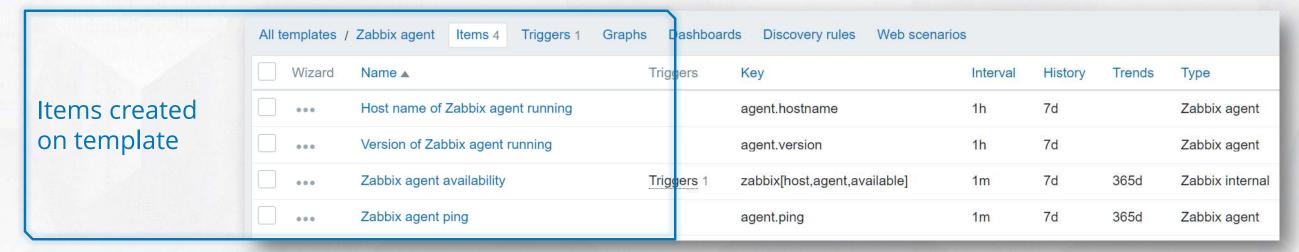
Select



If an entity exists on a host, linking will reuse and change it

### When a template is linked to a host:

- ♣ All items from the template are copied to the host
- Linkage is created from the template items to host items



Triggers 1 All hosts / Production server Graphs Discovery rules Enabled ZBX Items 4 Web scenarios Wizard Name A Triggers Key Interval History Trends Type Items linked Zabbix agent: Host name of Zabbix agent running 7d Zabbix agent agent.hostname 1h from template Zabbix agent: Version of Zabbix agent running 1h 7d agent.version Zabbix agent to host Zabbix agent: Zabbix agent availability zabbix[host,agent,available] 7d 365d Zabbix internal Triggers ' 1m Zabbix agent: Zabbix agent ping 7d 365d agent.ping 1m Zabbix agent

### Unlinking a template will:

- \*Remove the linkage between the items and the template

### Template will be unlinked, but all items will remain on the host

\*A new template can be linked to existing host items, if the key from a host and a template

match



This item now belongs to the host only



	Wizard	Name ▲	Triggers	Key	Interval	History	Trends	Туре
		Zabbix agent: Host name of Zabbix agent running		agent.hostname	1h	7d		Zabbix agent
		NTP service is running	Triggers 1	net.udp.service[ntp]	1m	1w	365d	Simple check
		Zabbix agent: Version of Zabbix agent running		agent.version	1h	7d		Zabbix agent
		Zabbix agent: Zabbix agent availability	Triggers 1	zabbix[host,agent,available]	1m	7d	365d	Zabbix internal
		Zabbix agent: Zabbix agent ping		agent.ping	1m	7d	365d	Zabbix agent

#### Unlink and clear will:

- \*Remove the linkage between the items and the template
- → Delete the items from the host

Zabbix agent: Zabbix agent ping

Template will be unlinked, and all items linked from this template deleted from the host

All items from the template are removed



Templates Name

Zabbix agent

NTP Service

Action
Unlink Unlink and clear

Unlink Unlink and clear

365d

1m

7d

Wizard	Name ▲	Triggers	Key	Interval	History	Trends	Type
	Zabbix agent: Host name of Zabbix agent running		agent.hostname	1h	7d		Zabbix agent
	Zabbix agent: Version of Zabbix agent running		agent.version	1h	7d		Zabbix agent
	Zabbix agent: Zabbix agent availability	Triggers 1	zabbix[host,agent,available]	1m	7d	365d	Zabbix internal

agent.ping



Zabbix agent

# PRACTICAL SETUP

- 1) Create a new Template:
  - ✓ Name: Template basic
  - ✓ Host group: Training/Templates
- 2) Copy all items and triggers from Training-VM-XX host to "Template Basic"
- 3) Link "Template Basic" to Training-VM-XX host
- 4) Create few additional hosts for your neighbor training machines
  - ✓ Name them Training-VM-\* using student numbers
- 5) Link Templates
  - ✓ Link "Template basic" to all "Training-VM-\*" hosts
  - ✓ Make sure passive checks are working for all hosts