

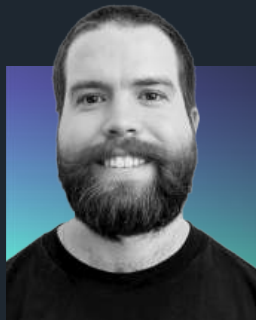


Core Workflows Refined

Navigate Comfortably in Checkmk 2.5



Tanja Heyken
Head of Product & UX
Checkmk



Logan Connolly
Software Engineer
Checkmk

The “core-st” of workflows



Create host

Monitor!

2



E

Link to video: [here!](#)



Link to video: [here!](#)

Improvements to core workflows



**Less
friction**

**More
clarity**

**More
efficiency**



Let's dive into the details!



Quality of life improvements

Host name/IP address validation



localhost



Name is DNS-resolvable

losdfsdcalhost



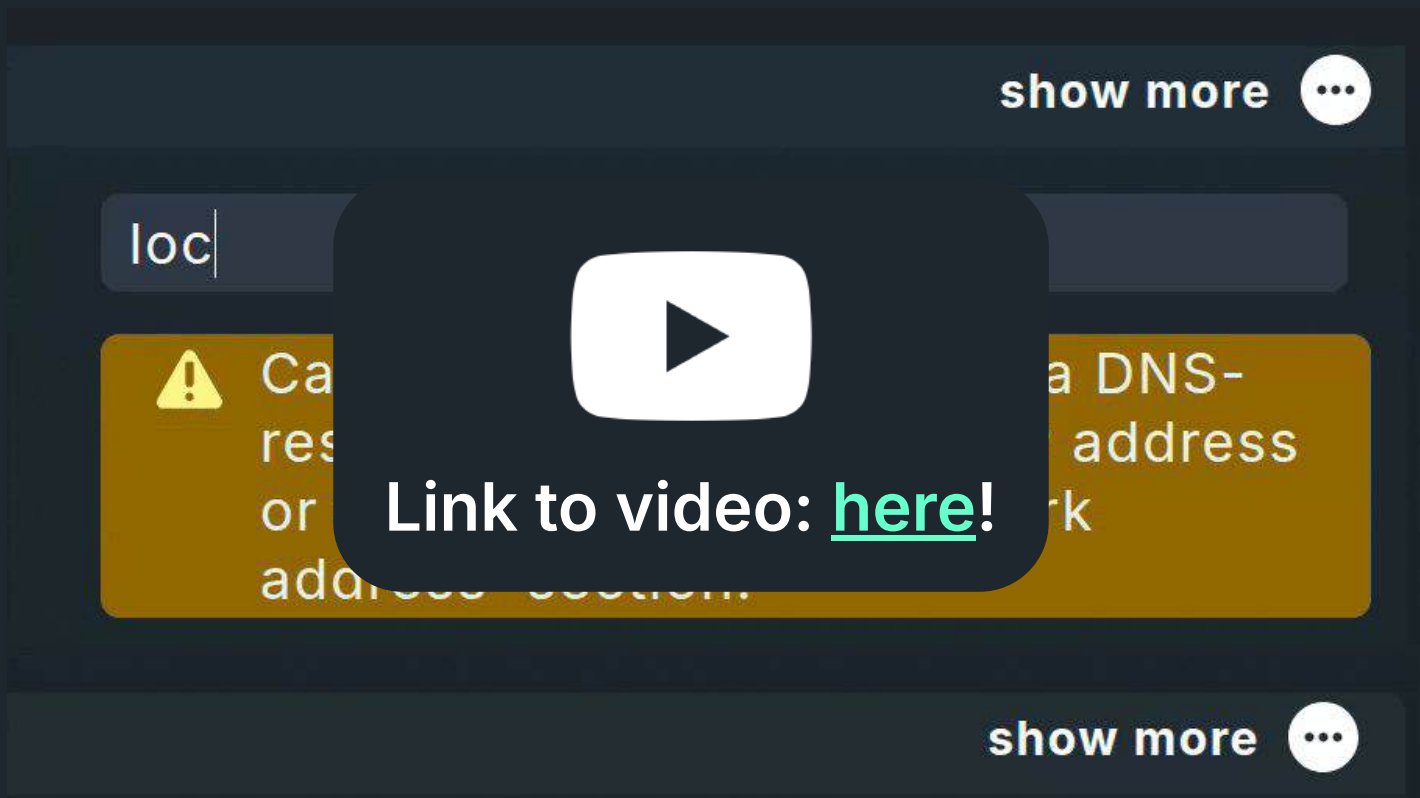
Cannot resolve DNS. Enter a DNS-resolvable host name, an IP address or set 'No IP' in the 'Network address' section.

I*calhost



The value is not valid: 'invalid host address: 'I*calhost''

Handling of many DNS requests



IPv4 + IPv6 ping test

IPv4 only ▼

127.0.0.1|

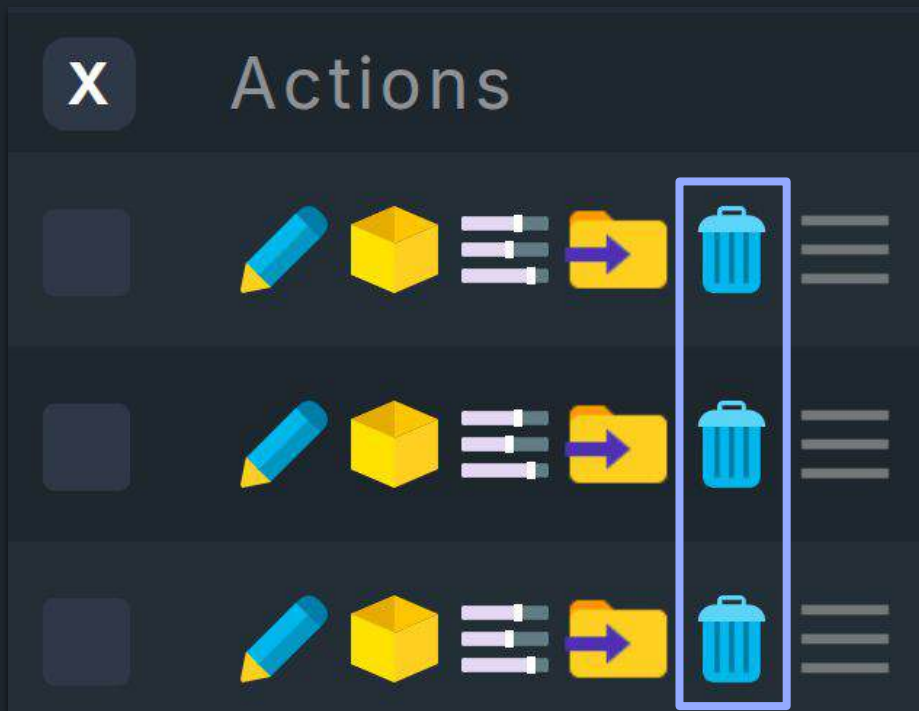
✓ Successfully pinged IP address

IPv6 only ▼

2a02:8070:d380:b2a0:4cf8:c579:a87d:85be

✓ Successfully pinged IP address

Host deletion



Add host

Host Display Help

Save & run service discovery

Save & view folder

Save & run connection tests

Main

Basic settings

show more

Host name (required) klapp-0483

Name is DNS-resolvable

Network address

show more

IP address family IPv4

IPv4 address empty

Monitoring agents

show more

Checkmk agent / API integrations API int

SNMP No SN

Custom attributes

Management board

Connection

Link to video: [here!](#)

Agent installation & registration

RPM

DEB

TGZ



Save host



Download and install

Run this command on your Linux host to download and install the Checkmk agent.



Successfully generated one-time token (Expires: 6/19/2026, 7:34:44 AM)

```
curl -o check-mk-agent_2.5.0-2026.06.12-1_all.deb -fJG \  
  'http://localhost/conf25/check_mk/api/internal/domain-types/agent/actions/download_by_hos \  
  --header 'Accept: application/octet-stream' \  
  --header 'Authorization: CMK-TOKEN 0:cdef0e69-8911-4d1c-9665-1a1a3c793bae' \  
  --data-urlencode 'os_type=linux_deb' \  
  --data-urlencode 'agent_type=host_name' \  
  --data-urlencode 'host_name=klapp-0483' && \  
sudo dpkg -i check-mk-agent_2.5.0-2026.06.12-1_all.deb
```



Next step: Register agent



Previous step

3

Register agent



Save host



Download and install



Register agent

Agent registration will establish trust between the Agent Controller on the host and the Agent Receiver on the Checkmk server.

This requires the generation of a registration token.



Generate one-time token

> **Troubleshooting registration issues: Authenticate with the registration user**



Close & test connection



Previous step



Download and install



Register agent

Agent registration will establish trust between the Agent Controller on the host and the Agent Receiver on the Checkmk server.



Successfully generated one-time token (Expires: 6/17/2026, 8:56:37 AM)

After you have installed the agent, run this command on your Linux host to register the Checkmk agent controller.

```
sudo cmk-agent-ctl register \  
  --hostname klapp-0370 \  
  --server janux.lan.checkmk.net:8003 \  
  --site master \  
  --ott 0:12d7140e-3be0-4837-b370-e6a8834588b9
```



> **Troubleshooting registration issues: Authenticate with the registration user**



Close & test connection



Previous step



Download and install

3

Register agent

Agent registration will establish trust between the Agent Controller on the host and the Agent Receiver on the Checkmk server.



Successfully generated one-time token (Expires: 6/17/2026, 8:56:37 AM)

After you have installed the agent, run this command on your Linux host to register the Checkmk agent controller.

X	Actions	ID
   		agent_registration

> Troubleshooting registration issues: Authenticate with the registration user

✓ Close & test connection

↑ Previous step

Agent connection check



Monitoring agents

show more

Checkmk agent / API integrations ☐ API integrations if configured, else Checkmk agent(Default value)

 **Test agent connection** 

SNMP ☐ No SNMP(Default value)



Port



TLS



Registration

Agent connection check



Monitoring agents

show more

Checkmk agent / API integrations



API integrations if configured, else Checkmk agent(Default value)



Successfully connected to agent. [Re-test agent connection](#)



SNMP



No SNMP(Default value)



Port



TLS



Registration

A decorative blue zigzag shape in the top left corner.

Is something happening?





Link to video: [here!](#)

A large, stylized zigzag graphic in a dark blue color, located in the top-left corner of the slide.

Making interactions responsive



Link to video: [here!](#)



checkmk



Search



Monitor



Customize



Setup



Changes



Help



User



Sidebar

Setup > Hosts > Main > local > Add host

Add host

Host Display Help ^

Save & run service discovery

Save & view folder

Save & run connection tests

local

Basic settings

show more

Host name (required) pay01.prod.internal.mh.com

Name is DNS-resolvable

Network address

show more

IP address family ☐ IPv4

IPv4 address ☐ emp

Monitoring agents

show more

Checkmk agent / API integrations ☐ API

Checkmk agent connection mode ☐ Pull:

SNMP ☐ No S

Custom attributes

Management board



Link to video: [here!](#)

ent connection

Finally.

Onboarding a new colleague



checkmk



Search



Monitor



Customize



Setup



Changes



Help



User



Sidebar

Welcome to Checkmk!

Explore essential concepts of Checkmk and begin your monitoring journey.

Explore topics

Topics to explore



> Add your first host

2 Steps | Takes 7-10 min



> Activate Changes

1 Step | Takes 1-3 min



> Adjust service thresholds

3 Steps | Takes 5-7 min



> Assign responsibilities with contact groups

3 Steps | Takes 5-7 min



> Enable notifications

2 Steps | Takes 5-7 min



> Create a dashboard

2 Steps | Takes 7-10 min

Resources

Read the Beginner's Guide

A step-by-step introduction to help you get started quickly and confidently.



Discover best practices

Explore proven best practices, helpful tips, and practical tricks to get the most out of your monitoring setup.



Learn Checkmk via expert training

Build a solid foundation and deepen your knowledge in our official, instructor-led Checkmk trainings.



Attend a free webinar

Watch our on-demand or live webinars to master the configuration and use of Checkmk.



Join the community

Connect with other users and ask questions in our active forum.



Ask Checkmk AI

Your assistant for Checkmk - ask anything from setup to troubleshooting.



✖ Show welcome page on start

You can still access it later via Help > Learning Checkmk > Welcome page



checkmk



Search



Monitor



Customize



Setup



Changes



Help



User



Sidebar



Welcome to Checkmk!

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Your progress

1/6 Topics explored



Topics to explore



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Learn

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checkmk



Search



Monitor



Customize



Setup



Changes



Help



User



Sidebar

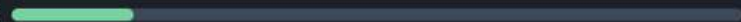


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1/6 Topics explored



Topics to explore



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Takes 7-10 min

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Outgrow welcome
page

✕ Show welcome page on start

You can still access it later via Help > Learning Checkmk > Welcome page

Navigating Checkmk

Searching in Checkmk



Most popular way to navigate efficiently

Must know *where* to find something



checkmk



Search



Monitor



Customize



Setup



Changes



Help



User



Sidebar

Setup > Hosts > Main > Atlanta > Properties of host checkmk.com

Properties of host checkmk.com



All



Monitoring



Customize



Setup



Results (28)

Press to trigger host/service search

Monitor (1)

Crash [reports](#)

Business Reporting (1)

[Reports](#)

Service Name (9)

MSSQL Datafile

MSSQL46.CorrLog_Report_T.CorrLog_Report_T

MSSQL MSSQL46 CorrelLog_Report_T Database

MSSQL MSSQL_MSSQL46 CorrelLog_Report_T Backup

MSSQL MSSQL_MSSQL46 CorrelLog_Report_T File Sizes

MSSQL MSSQL MSSQL 46 CorrelLog_Report_T Sizes

The new global search



checkmk



Search



Monitor



Customize



Setup



Changes



Help



User



Sidebar

Setup > Hosts > Main > Atlanta > Properties of host checkmk.com

Properties of host checkmk.com

report



All



Monitoring



Customize



Setup



Results (28)

Press to trigger host/service search



Monitor (1)

Crash [reports](#)



Business Reporting (1)

[Reports](#)



Service Name (9)

MSSQL Datafile

MSSQL46.CorrLog_Report_T.CorrLog_Report_T

MSSQL MSSQL46 CorrelLog_Report_T Database

MSSQL MSSQL_MSSQL46 CorrelLog_Report_T Backup

MSSQL MSSQL_MSSQL46 CorrelLog_Report_T File Sizes

MSSQL MSSQL MSSQL 46 CorrelLog_Report_T Sizes



checkmk



Search



Monitor



Customize



Setup



Changes



Help



User



Sidebar

Setup > Hosts > Main > Atlanta > Properties of host checkmk.com

Properties of host checkmk.com

report



All



Monitoring



Customize



Setup



Results (10)

Press to trigger host/service search



Monitor (1)

Crash [reports](#)



Service Name (9)

MSSQL Datafile MSSQL46.CorrLog_[Report_T](#).CorrLog_[Report_T](#)

MSSQL MSSQL46 CorrLog_[Report_T](#) Database

MSSQL MSSQL_MSSQL46 CorrLog_[Report_T](#) Backup

MSSQL MSSQL_MSSQL46 CorrLog_[Report_T](#) File Sizes

MSSQL MSSQL_MSSQL46 CorrLog_[Report_T](#) Sizes

> **Show all**



checkmk



Search



Monitor



Customize



Setup



Changes



Help



User



Sidebar

Setup > Hosts > Main > Atlanta > Properties of host checkmk.com

Properties of host checkmk.com

report



All



Monitoring



Customize



Setup

Results (17)



Global Settings (17)

Crash **report** HTTP URL

Crash **report** fallback mail address

Options for **report** emails

Date format

Default graph layout

> Show all

connection tests

Update site DNS cache

Atlanta

show more

show more

show more

report



checkmk

Setup > Hosts > Main > Atlanta > Properties of host checkmk.com

Properties of host checkmk.com



Search



Monitor



Customize



Setup



Changes



Help



User



Sidebar

report



All



Monitoring



Customize



Setup

Results (1)



Business Reporting (1)

Reports



checkmk



Search



Monitor



Customize



Setup



Changes



Help



User



Sidebar

Setup > Hosts > Main > Atlanta > Properties of host checkmk.com

Properties of host checkmk.com

checkmk.com



All



Monitoring



Customize



Setup



Results (349)

Press to trigger host/service search



Hosts (120)

checkmk.com

[Edit](#)

aix-01.demo.checkmk.com

[Edit](#)

aix-02.demo.checkmk.com

[Edit](#)

aks.demo.checkmk.com

[Edit](#)

ap-meraki-01.demo.checkmk.com

[Edit](#)

> Show all



Hostaliases (120)

checkmk.com

aix-01.demo.checkmk.com

aix-02.demo.checkmk.com

Hosts: Entities that live in both worlds



checkmk



Search



Monitor



Customize



Setup



Changes



Help



User



Sidebar

Setup > Hosts > Main > Atlanta > Properties of host checkmk.com

Properties of host checkmk.com

checkmk.com



All



Monitoring



Customize



Setup



Results (349)

Press to trigger host/service search



Hosts (120)

checkmk.com

aix-01.demo.checkmk.com

aix-02.demo.checkmk.com

aks.demo.checkmk.com

ap-meraki-01.demo.checkmk.com

> Show all



Hostaliases (120)

checkmk.com

aix-01.demo.checkmk.com

aix-02.demo.checkmk.com



Edit



Edit



Edit



Edit



Edit

Monitoring & setup search




Search


Monitor


Customize


Setup

**Overview**

Main dashboard

All hosts

Linux hosts

Windows hosts

Host search

Service search


Search


Monitor


Customize


Setup

**Hosts**

Hosts

Host monitoring rules

Tags

Dynamic host management

Host groups

Relays



checkmk



Search



Monitor



Customize



Setup



Changes



Help



User



Sidebar

Setup > Hosts > Main > Atlanta > Properties of host checkmk.com

Properties of host checkmk.com

st:crit



All



Monitoring



Customize



Setup



Results (198)

Press to trigger host/service search

Service States (198)

Azure/App Registration Secret azure-cli-2022-11-14-10-09-49 - rbac

azure.demo.checkmk.com

Azure/App Registration Secret azure-cli-2022-12-19-12-35-16 - rbac

azure.demo.checkmk.com

Azure/vaults/recovery-vault Resource Health
rg-dev-weu

BGP Status Peer 194.9.117.13

router-juniper-01.demo.checkmk.com

BGP Status Peer 194.9.117.13

router-juniper-02.demo.checkmk.com

> Show all

Search operators



checkmk



Search



Monitor



Customize



Setup



Changes



Help



User



Sidebar

Setup > Hosts > Main > Atlanta > Properties of host checkmk.com

Properties of host checkmk.com

st:crit



All

Monitoring

Customize

Setup



Type "/" to use search operator

Host h:

Host group hg:

Host label hl:

Address ad:

Alias al:

Host tag tg:

Service s:

Service group sg:

Service label sl:

Service state st:

Results (198)

Service States (198)

Azure/App Registration Secret azu
rbac
azure.demo.checkmk.com

Azure/App Registration Secret azu
rbac
azure.demo.checkmk.com

Azure/vaults/recovery-vault Resou
rg-dev-weu

BGP Status Peer 194.9.117.13
router-juniper-01.demo.checkmk.com

BGP Status Peer 194.9.117.13
router-juniper-02.demo.checkmk.com

> Show all

connection tests

Update site DNS cache

Atlanta

show more

show more

show more

sent

(load|utilization)|Interface [0-9]{1,2}|Filesystem /*\b(var|tmp)\b).*\$ ✕

All



Monitoring



Customize



Setup





checkmk



Search



Monitor



Customize



Setup



Changes



Help



User



Sidebar

Setup > Hosts > Main > Atlanta > Properties of host checkmk.com

Properties of host checkmk.com

Search across Checkmk – Type '/' for search operators

All

Monitoring

Customize

Setup



Recently viewed

[Clear all](#)



Monitoring > Hosts

checkmk.com



[Edit](#)



Setup > Service Monitoring Rules

CPU load (not utilization!)



Monitoring > Host/Service Search

^(CPU (load|utilization)|Interface [0-9]{1,2}|Filesystem
/.*\b(var|tmp)\b).*



Monitoring > Service Name

CPU utilization FPC 0

router-juniper-01.demo.checkmk.com

Recently searched

[Clear all](#)

All

checkmk.com

Setup

connection tests

Update site DNS cache

Atlanta

[show more](#)

[show more](#)

[show more](#)

sent



checkmk



Search



Monitor



Customize



Setup



Changes



Help



User



Sidebar

Setup > Hosts > Main > Atlanta > Properties of host checkmk.com

Properties of host checkmk.com

Search across Checkmk – Type '/' for search operators

All

Monitoring

Customize

Setup



Recently viewed

[Clear all](#)



Monitoring > Hosts

checkmk.com



[Edit](#)



Setup > Service Monitoring Rules

CPU load (not utilization!)



Monitoring > Host/Service Search

^(CPU (load|utilization)|Interface [0-9]{1,2}|Filesystem
/.*\b(var|tmp)\b).*



Monitoring > Service Name

CPU utilization FPC 0

router-juniper-01.demo.checkmk.com

Recently searched

[Clear all](#)

All

checkmk.com

Setup

connection tests

[Update site DNS cache](#)

[Atlanta](#)

[show more](#)

[show more](#)

[show more](#)

sent



checkmk

Setup > Hosts > Main > Atlanta > Properties of host checkmk.com

Properties of host checkmk.com



Search



Monitor



Customize



Setup



Changes



Help



User



Sidebar

Search across Checkmk – Type '/' for search operators

All

Monitoring

Customize

Setup



Setup > Service Monitoring Rules

CPU load (not utilization!)



Monitoring > Host/Service Search

^(CPU (load|utilization)|Interface [0-9]{1,2}|Filesystem
/.*\b(var|tmp)\b).*\$



Monitoring > Service Name

CPU utilization FPC 0

router-juniper-01.demo.checkmk.com

Recently searched

[Clear all](#)

All

checkmk.com

Setup

cpu

All

^(CPU (load|utilization)|Interface [0-9]{1,2}|Filesystem /.*\b(var|
tmp)\b).*\$

Evolution instead of revolution

Activate Changes

A powerful concept



**Safety through
Setup/
Monitoring
separation**



**Bundled
deployment**



**Built-in
auditability**

And an unknown concept

The problem with activate changes



Novel concept for most people

Easy to miss in the top right corner

Moving Activate Changes to the main menu



checkmk



Search



Monitor



Customize



Setup



Changes



Help



User



Sidebar

Setup > Hosts > Main > local > Properties of host pay01.prod.internal.mh.com > Services of host pay01.prod.internal.mh.com

Services of host pay01.prod.internal.mh.com

Actions Host Settings Display Help

✓ Accept all

🔄 Rescan

🟡 Monitor undecided services

🔴 Remove vanished services

🔗 Properties of host pay01.prod.internal.mh.com



All data sources are OK

OK

[agent]: Success

OK

[plggyback]: Success (but no data found for this host)



All undecided services and new labels acc

Discovered host labels (8)

Status	Host labels
Active	cmk/check_mk_server cmk/os_platform:ubun

Monitored services (149)

State	Service
WARN	APT Updates
OK	Check_MK Agent
OK	CPU load
OK	CPU utilization
OK	Disk IO SUMMARY
WARN	Filesystem /
OK	Filesystem /boot



Link to video: [here!](#)

cmk/os_family:linux

cmk/os_name:Ubuntu

Summary

3 normal updates **WARN**, 0 security up

Version: 2.5.0-2026.04.03, OS: linux,

15 min load: 2.64, 15 min load per core

Total CPU: 5.15%

Initializing counters

Counter '/.delta' has been initialized. f
at 80.00%/90.00% used)

Counter '/boot.delta' has been Initializ



checkmk



Search



Monitor



Customize



Setup



Changes



Help



User



Sidebar

Setup > Hosts > Main > Atlanta > Properties of host checkmk.com

Properties of host checkmk.com

Quick activation of pending changes



Activate pending changes



Open full view

5

Pending change(s)



0

Activation issue(s)



0

Site problem(s)

Site(s) with changes

online

Local site master

5

Changes: (5)

Foreign changes: (0)

Create new host group Linux

tanja.heyken@checkmk.com | All sites 6/10/2026, 8:45:27 AM

Created new time period time_period_1

tanja.heyken@checkmk.com | All sites 6/10/2026, 8:43:32 AM

Created new rule #0 in rule set "Agent Controller auto-

Quick activation via slideout

Choose between quick activation and full page



i

Working with a complex environment?

In complex environments, activation issues are more common and may require closer review.

The full 'Activation changes' page gives you better visibility before activating.

Keep quick activation

Set full activation page as default

Let's summarize

Recap



Host setup

**Agent
installation &
registration**

**Responsive
interactions**

Welcome page

Global search

**Quick activate
changes**

Same powerful options (as a workflow)

Checkmk #12

Conference