Advanced Webinar

Basic Configuration Options in Checkmk

checkmk

Content Overview

01 Configuration Concepts

02 Technical Live-Demo

03 Resources & Useful Links

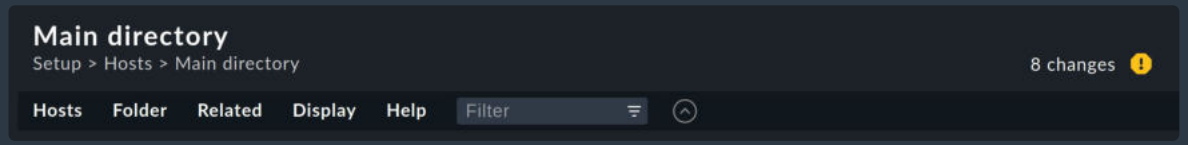
04 Q & A

The Setup Menu

Most components are configured here:

- Hosts & Services
- Thresholds and host/service-specific adjustments
- Global settings and users
- Tag groups and labels
- Integration of distributed environments ... and much more

Changes become active after applying Activate Changes...



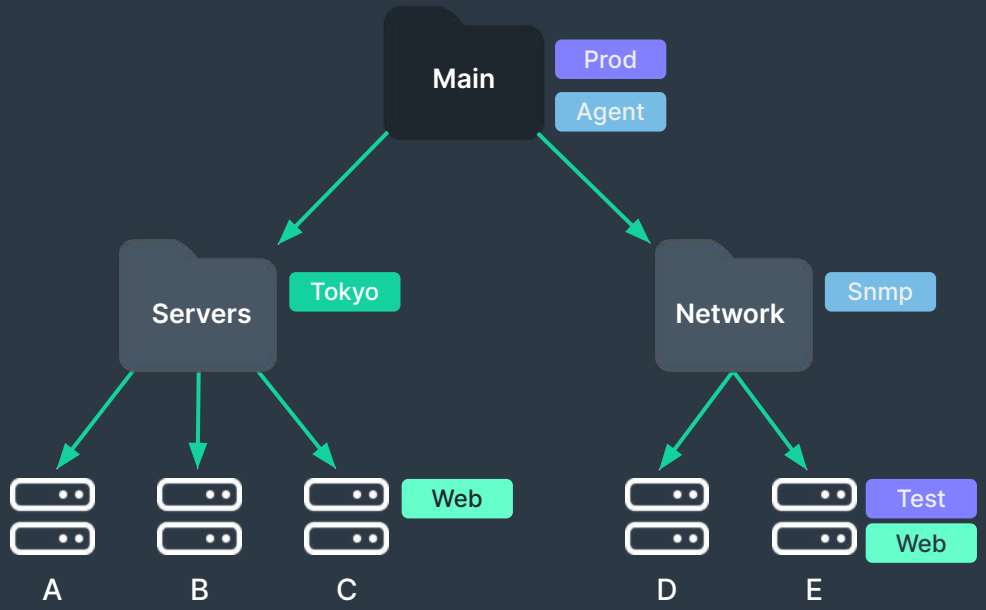
The Setup Menu

Mostly you will be working with hosts/services

Important concepts:

- Inheritance
- Tags and Labels
- Rule-based Configuration

What Is Inheritance?

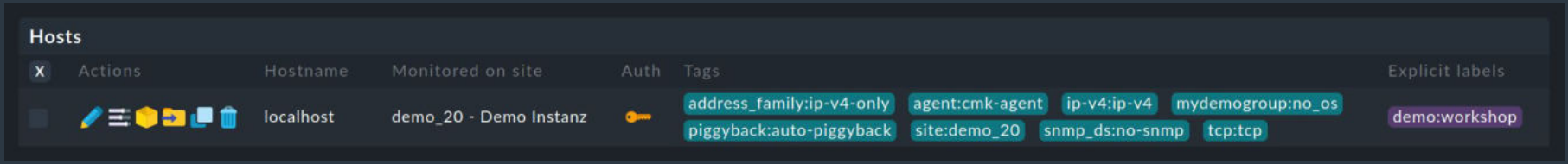


A	Prod	Agent	Tokyo	
B	Prod	Agent	Tokyo	
C	Prod	Agent	Tokyo	Web
D	Prod	Snmp		
E	Test	Snmp	Web	

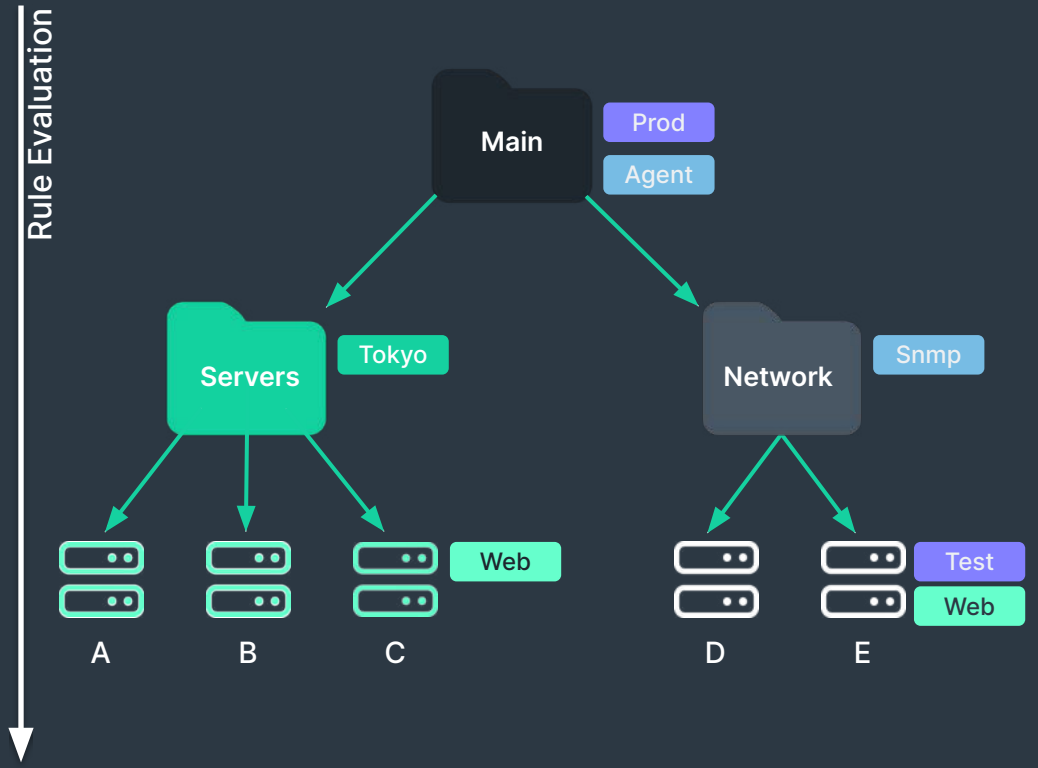
What Are Tags and Labels?

Tags are predefined, grouped properties.

Labels are dynamic key-value pairs (key-value pair).



What Does “Rule-Based” Mean?



Simple use cases:

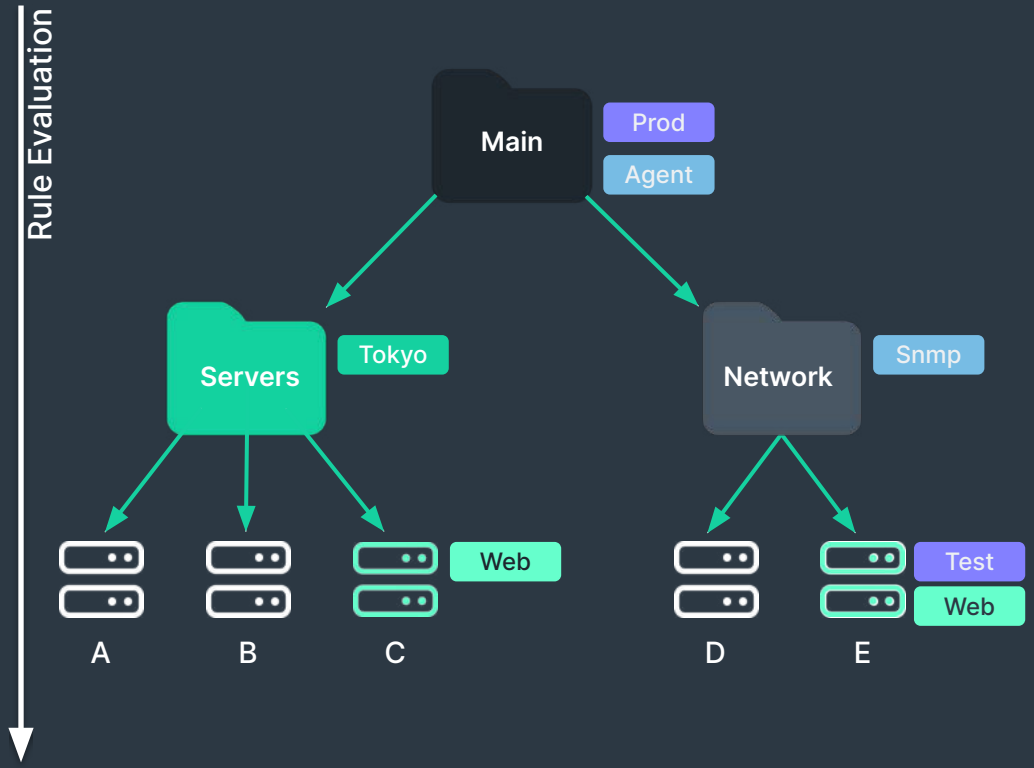
1. One rule for hosts in Tokyo
2. A rule for all web hosts
3. A rule for one special host

A Prod Agent Tokyo

B Prod Agent Tokyo

C Prod Agent Tokyo Web

What Does “Rule-Based” Mean?



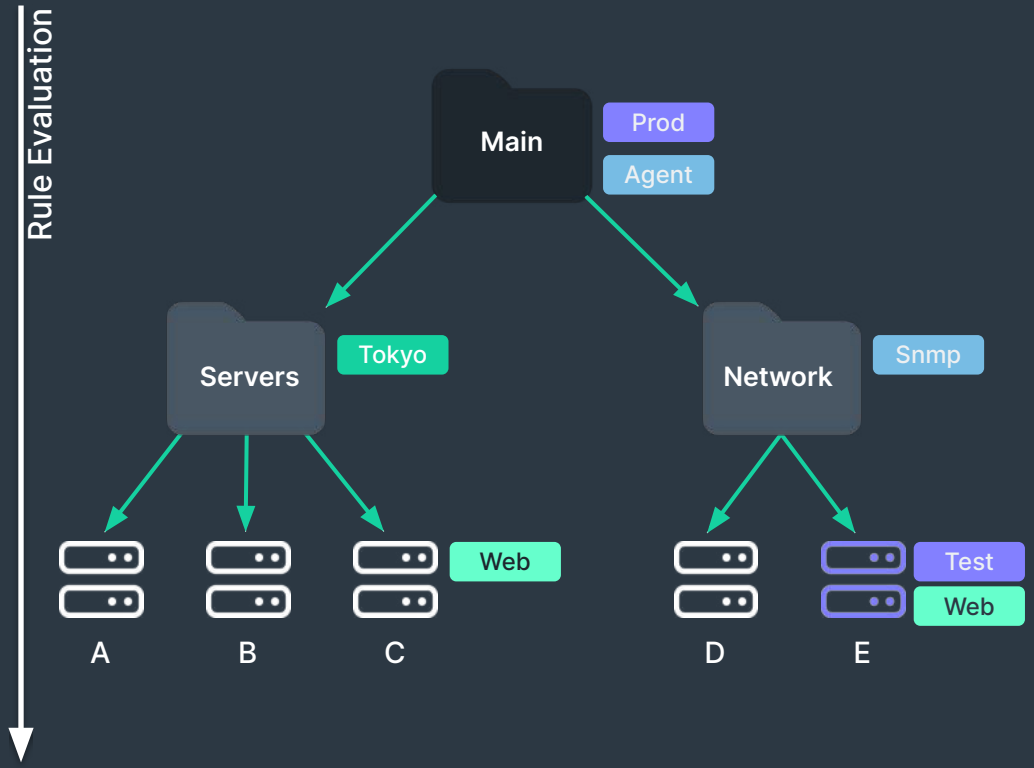
Simple use cases:

1. One rule for hosts in Tokyo
2. A rule for all web hosts
3. A rule for one special host

C — Prod, Agent, Tokyo, Web

E — Test, Snmp, Web

What Does “Rule-Based” Mean?



Simple use cases:

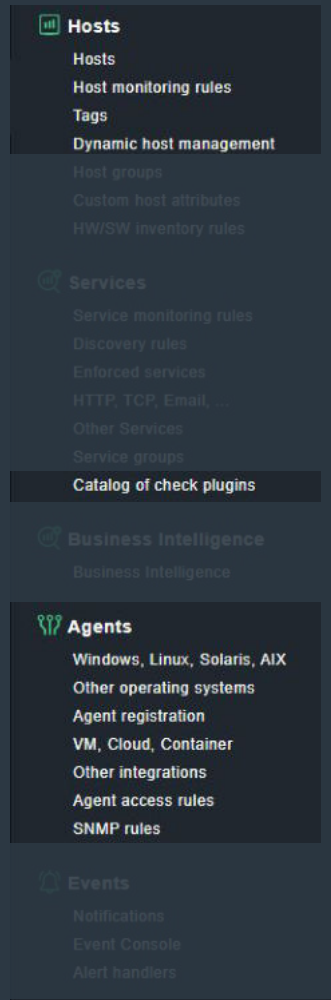
1. One rule for hosts in Tokyo
2. A rule for all web hosts
3. A rule for one special host

E Test Snmp Web

Demo

Hosts / Services

- Tags, Labels, other (e.g., built-in) Attributes
- Folder & Inheritance
- Hosts & Services
- Data Sources: Agents, Special, SNMP, Active / Manual Checks
- Auto-Config:
  - Dynamic Config
  - Network Scan
  - APIs



Demo

Rulesets

Rule-specific components:

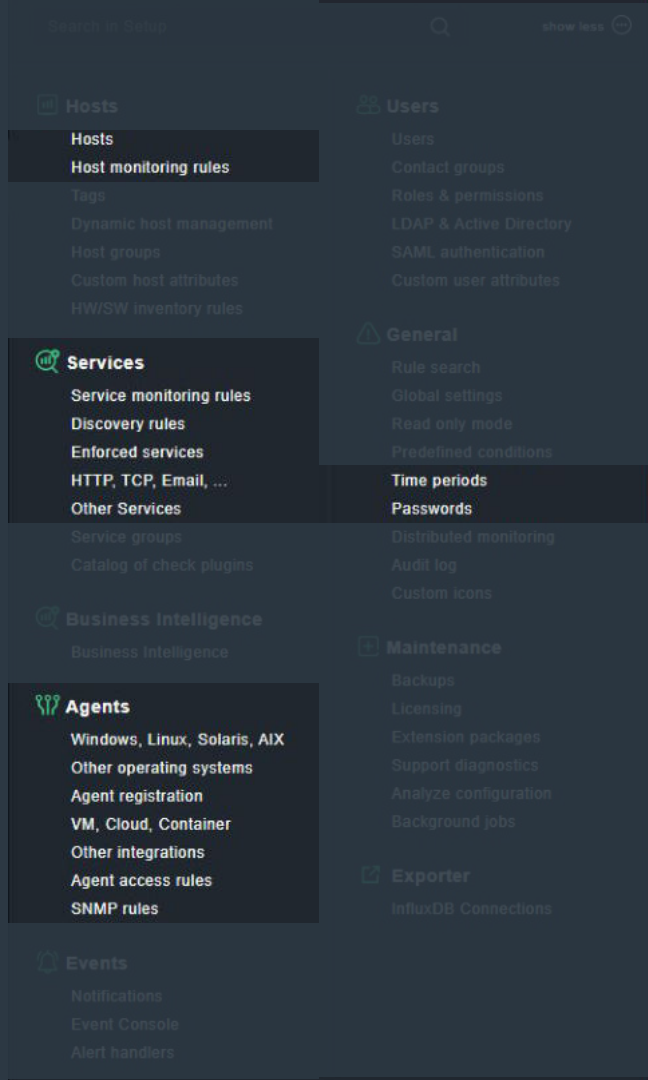
- Special Agents, Active checks
- Services Thresholds
- Meta-Configuration

Conditions

- Folder, Tags, Labels, explicit, etc.
- Predefined Conditions

Time Periods

Passwords



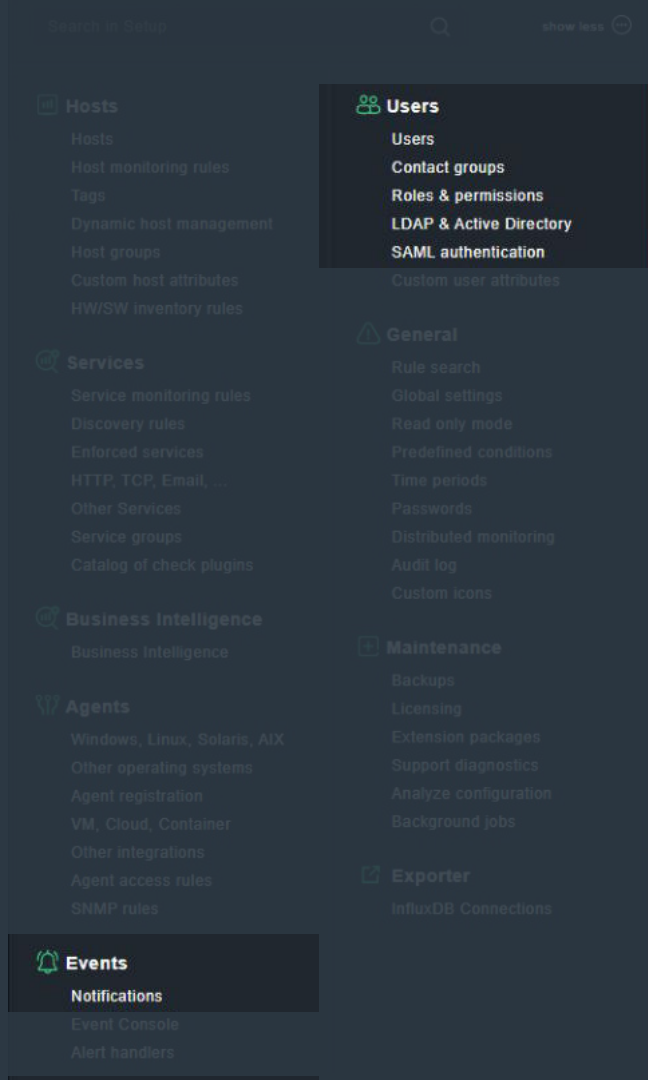
Demo
Users

Users
- LDAP, SAML or local
- Automation-User

Roles & Permissions
- Granular authorization management
- Derived from other roles

Contact Groups
- Regulate the responsibility of the hosts and services

Notifications



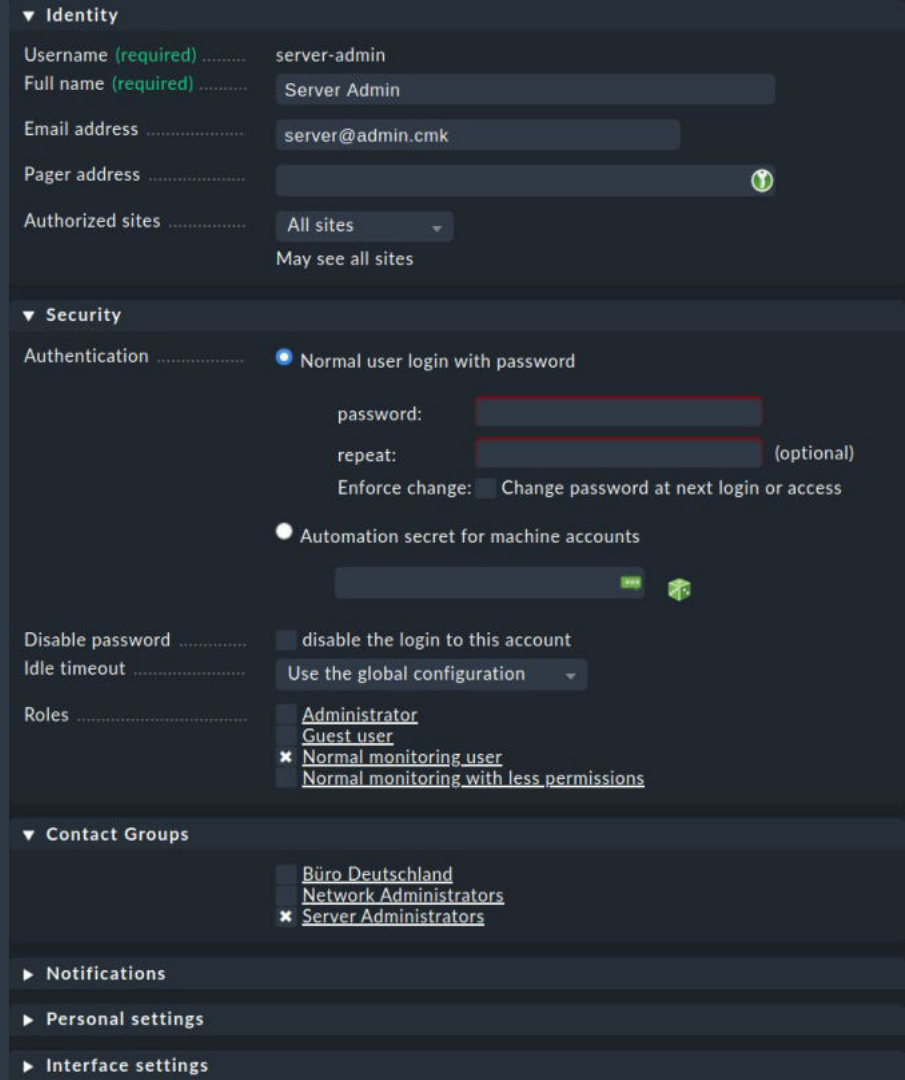
Demo
Permissions

Which objects can the user work with?

- View, edit, create and much more

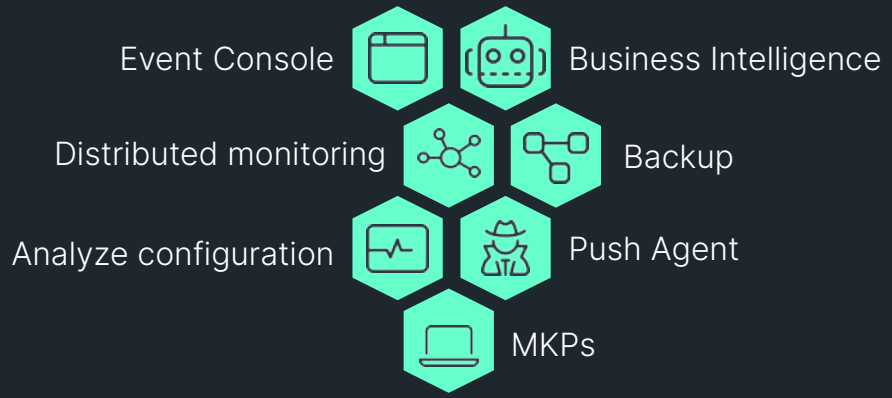
Which functionalities may a user work with?

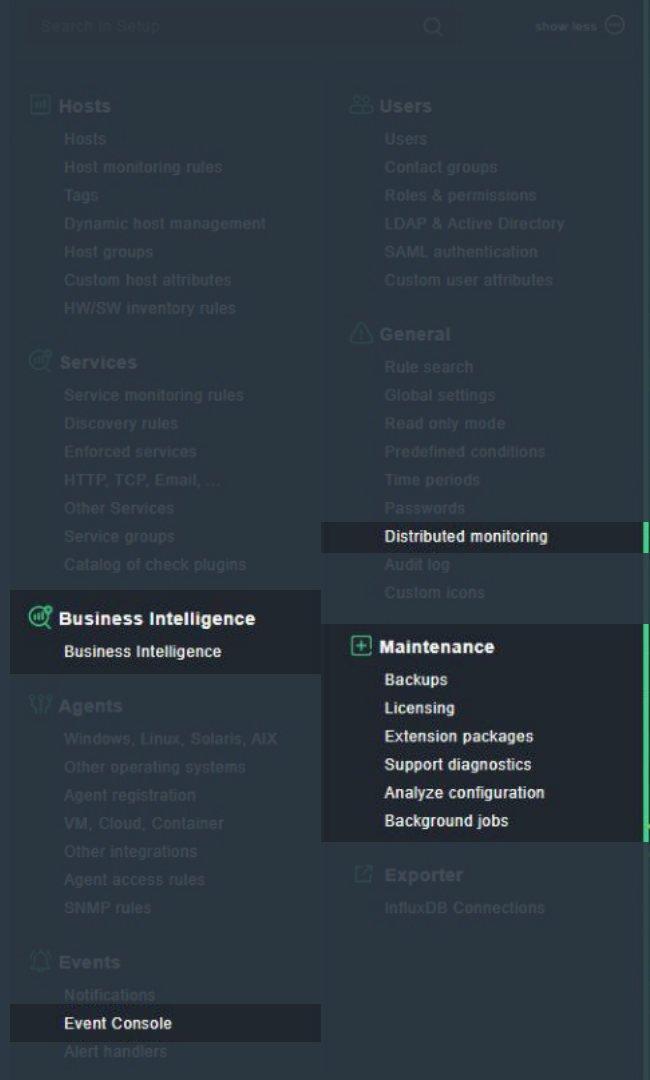
- Are they allowed to create reports?
- Can they create hosts but not delete them?
- … and much more



Demo

Further reading





Resources & Useful Links

- Introduction to the configuration: docs.checkmk.com/latest/en/wato.html
- Hosts: docs.checkmk.com/latest/en/wato_hosts.html
- Services: docs.checkmk.com/latest/en/wato_services.html
- Rule-configuration: docs.checkmk.com/latest/en/wato_rules.html
- User, role and permissions: docs.checkmk.com/latest/en/wato_user.html
- Alerting (notifications): docs.checkmk.com/latest/en/notifications.html

- Episode 7 (Part I): Working With Rules and Setting Thresholds https://youtu.be/WnfGMEJL1Bw
- Episode 7 (Part II): Smart Rules with Host Tags in Checkmk https://youtu.be/hoKtJv_-Ggs
- Episode 7 (Part III): Managing Hosts in Folders in Checkmk https://youtu.be/628UJYM-69Y

Questions?

Thank you!

Checkmk GmbH
Kellerstr. 27
81675 Munich
Germany

Checkmk, Inc.
675 Ponce de Leon Avenue, Suite 8500
Atlanta, GA, 30308
United States of America

Web — checkmk.com
E-Mail — info@checkmk.com