CheckMK: Monitoring Static Hosts

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Schlüsselwörter

CheckMK Dienstüberwachung Monitoring

Lösung (öffentlich)

Under Setup > Hosts ([1]link), there are two different types of folders: The _static directory and the folders for organizational units (OUs), which consists mostly of TUD schools such as BU, GSW, ING, MN, etc.
You might only be able to see a small amount of these folders depending on your current permissions/responsibilities.

What is a OU folder (BU, GSW, ...)?

Enterprise- and Infrastructure-VMs are automatically synchronized (created) into the folder that relates to their specific OU. Those VMs are also automatically deleted when the VM is deleted or reached it's expiration date within the SSP.

What is static monitoring about?

Hosts that are not part of the VM synchronization can only be monitored statically. Primarily, this concerns physical servers operated within an OU's area of responsibility.
For this purpose, a special _static folder is configured in CheckMK that is not part of the synchronization and whose permissions are handled separately.

How do I get access to the _static folder?

Please coordinate this with the IT-Referent of your school. They can request and mange subfolders under _static.

May I create hosts in any OU folders (BU, GSW, ...)?

No. OU folders are managed automatically by a synchronization, which will delete any manually created host.

May I move hosts between _static and an OU folder?

No, in neither direction. A static host that is moved into an OU folder will be deleted by the synchronization. A VM moved into _static will be created again in the OU folder, which causes duplicates in the monitoring system and may result in synchronization errors.

How do I add a host?

Once given access to a _static subfolder, you may create and configure new hosts. See [2]Creating and editing hosts in the CheckMK documentation for further details.
Afterwards, install and register the agent on your hosts. Please see our FAQs for [3]Linux hosts and [4]Windows hosts in that regard.

Any specifics for configuring Linux/Windows hosts within CheckMK?

For linux hosts, the host label "cmdb/agent_access:ssh" must be set to let CheckMK know that the Host is to be monitored via SSH.
Otherwise (per default) the monitoring system is trying to reach the Hosts via tcp/6556.

Likewise, for windows hosts, you should set the host label "cmdb/agent_access:tcp/6556".

[1] https://monitoring.zih.tu-dresden.de/base/check_mk/wato.py?mode=folder
[2] https://docs.checkmk.com/latest/en/hosts_setup.html#create_hosts
[3] https://faq.tickets.tu-dresden.de/otrs/public.pl?Action=PublicFAQZoom;ItemID=1234
[4] https://faq.tickets.tu-dresden.de/otrs/public.pl?Action=PublicFAQZoom;ItemID=1235