



Ansible Automation Platform 2.1




15.02.2022

/ Agenda

1  Was ist neu in AAP 2.1

2  Automation Mesh

3  Neu im Private Automation Hub

4  Single Sign On

5  Demo

Was ist neu in AAP 2.1

/ Neue Features



Red Hat
Ansible Automation
Platform

Automation Mesh

Private Hub Erweiterungen

Single Sign On

/ Neue Features



Red Hat
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Automation Mesh

Private Hub Erweiterungen

Single Sign On

/ Automation Mesh

- Wozu?
 - Einsatz in getrennten Netzwerken
 - Dynamische Umleitung für bessere Performance
 - Ausführung vom Controller Performance unabhängig
- Node Typen
 - Hybrid (control plane)
 - Control (control plane)
 - Execution (execution plane)
 - Hop (execution plane)

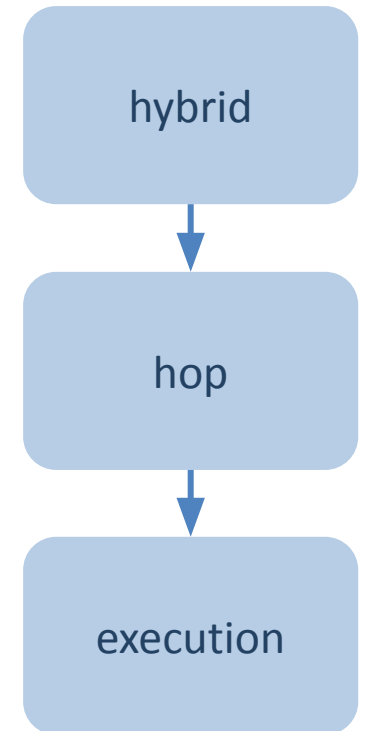
Beispiel Topologie

```
[automationcontroller]
hybrid ansible_connection=local

[automationcontroller:vars]
peers=hop_nodes

[execution_nodes]
execution peers=hop_nodes
hop node_type=hop

[hop_nodes]
hop
```



/ Automation Mesh

- Receptor
 - Peer-to-Peer-Verbindungen über bestehende Netzwerke
 - `receptor_listener_port=27199`
 - Deprovisioning
 - `node_state=deprovision`
- Demo

Beispiel Topologie

```
[automationcontroller]
hybrid ansible_connection=local

[automationcontroller:vars]
peers=execution

[execution_nodes]
execution receptor_listener_port=27199
hop node_type=hop node_state=deprovision
```



/ Neue Features



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Automation Mesh

Private Hub Erweiterungen

Single Sign On

/ Private Automation Hub Erweiterung

- High availability supportet
- Image Registry Mirroring
- Find Execution Environments in the registry

Automation Hub

Collections >

Execution Environments ▾

Execution Environments

Remote Registries

Task Management

Documentation ↗

User Access >

Remote Registries

Indexing execution environments in registry.redhat.io ✕
View the task here.

Name ▾ Filter by name

1 - 1 of 1 ▾ < >

Name ↓	Created ↑	Last upda...	Registry URL ↑	Registry sync status
registry.redhat.io	a minute ago	a minute ago	https://registry.redhat.io/	Completed a few seconds ago

1 - 1 of 1 ▾

Sync from registry

Edit

Find execution environments in this registry

Index execution environments

/ Neue Features



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Private Hub Erweiterungen

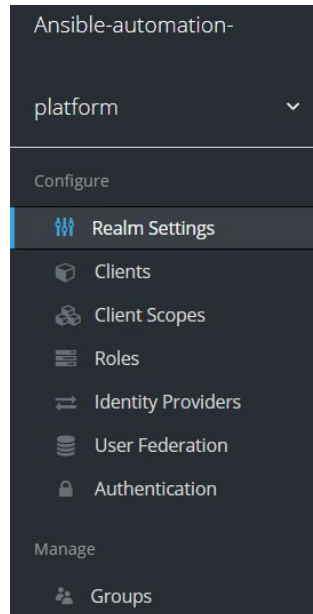
Single Sign On

/ Single Sign On (SSO)

- Installation durch die Inventory Datei
- Identity Providers hinzufügen
- „hubadmin“ Rolle zuweisen
- RBAC im Private Hub
- Demo

```
[sso]
sso ansible_connection=ssh ansible_become=yes

[all:vars]
sso_keystore_password='itsasecret'
sso_console_admin_password='itsasecret'
```



Ansible-automation-platform

General Login Keys Email Themes Cache Tokens Client Registration Security Defenses

* Name

Display name

HTML Display name

Frontend URL

Enabled

User-Managed Access

Endpoints

Save Cancel

/ Mehr Details bei der Installation oder Migration

- Default Credential für Execution Environment Images
- Service Account erstellen
 - <https://access.redhat.com/terms-based-registry/#/accounts>

```
# Execution Environment Configuration
# Credentials for container registry to pull execution environment images from,
# registry_username and registry_password are required for registry.redhat.io
registry_url='registry.redhat.io'
registry_username='13204423|anwendertreffen'
registry_password=''
```

Registry Service Accounts

Registry service accounts are named tokens that can be used in environments where credentials will be shared, such as deployment systems.

Note: Registry service accounts can only be deleted or regenerated by an organization administrator or the person that created it.

[New Service Account](#)

Showing 1 to 2 accounts

Account name	Description	Created	Created by	Token Last Generated	
anwendertreffen	Für Ansible Anwendertreffen am 15.02.2022	Feb 7, 2022	Xiaomin Lai	Feb 7, 2022	⋮

/ Kontakt



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