



Automate your infrastructure • Free your business

Ansible Director

Martin Grundei



About

Martin Grundei

Consultant at ATIX for +6 years

- Infrastructure automation
- orcharhino
- Config. Management: Ansible/Puppet/Salt
- Cloud ...



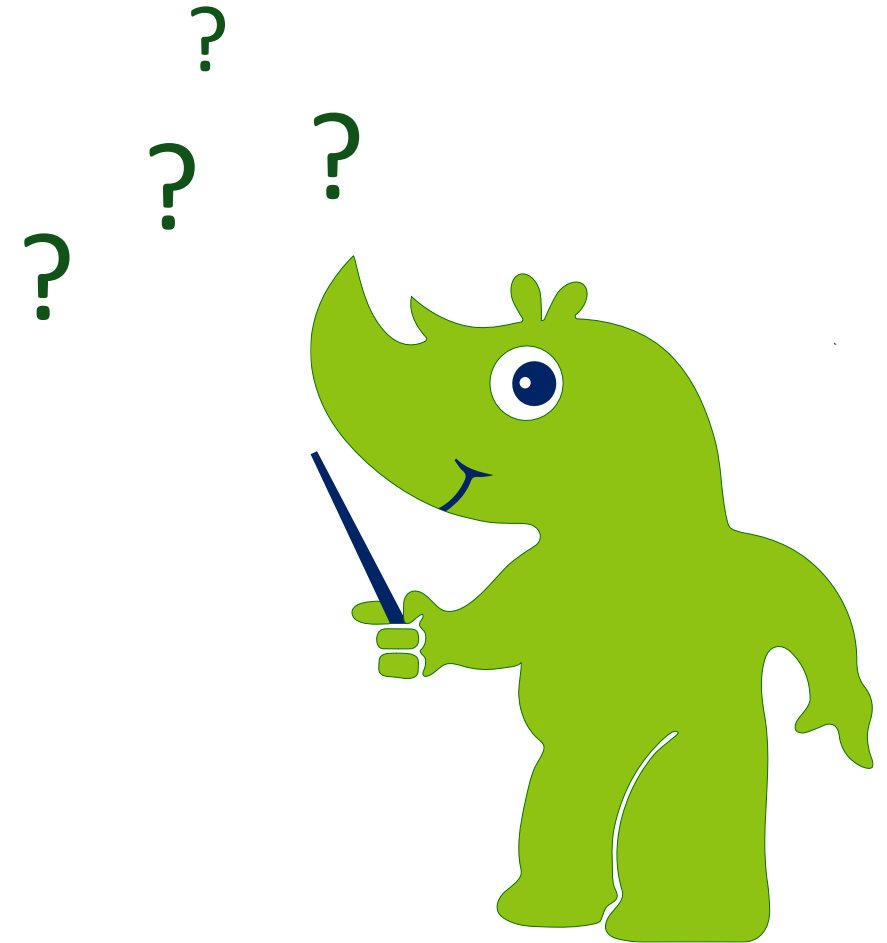
Problem?

Servers require:

- Basic configuration
- Specific software setup for different groups of hosts

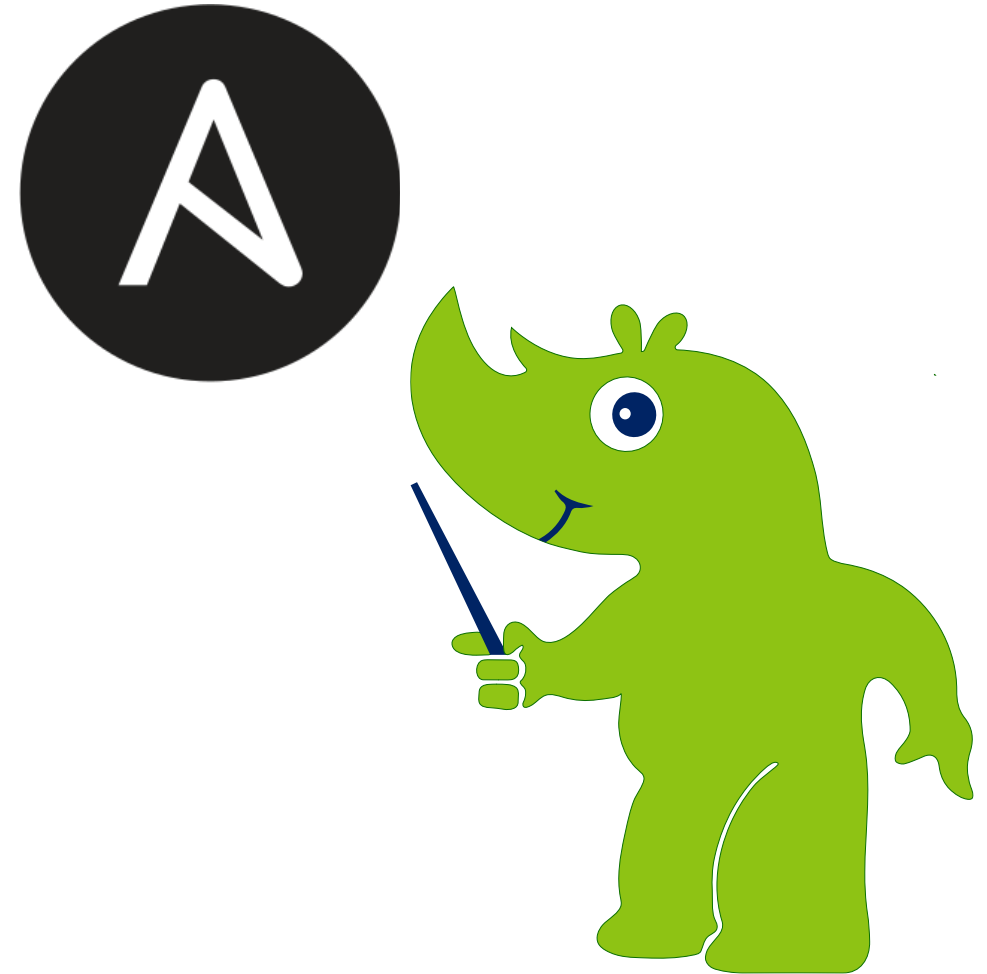
Problem:

- Inconsistent configuration
- Configuration drift over time



Ansible Director

- Infrastructure as Code (IaC)
(documentation = execution)
- Handle Ansible natively in orcharhino



Ansible

- IaC tool
- Distributed by RedHat
- Agentless
- Simple YAML language

Example: Ansible task to install vim on EL

```
- name: Install vim
  ansible.builtin.dnf:
    name: vim
    state: latest
```



orcharhino: One Tool to rule them all

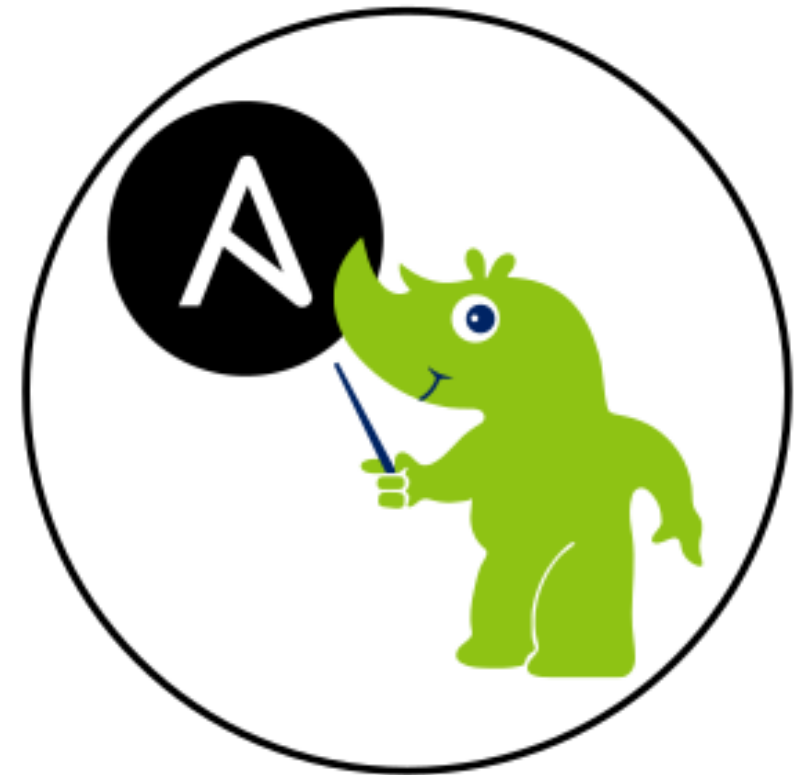
- Centralize system management
- Centralize infrastructure
- Provision & patch automatically
- Vendor agnostic
- Standardize and unify your configuration



Ansible Director

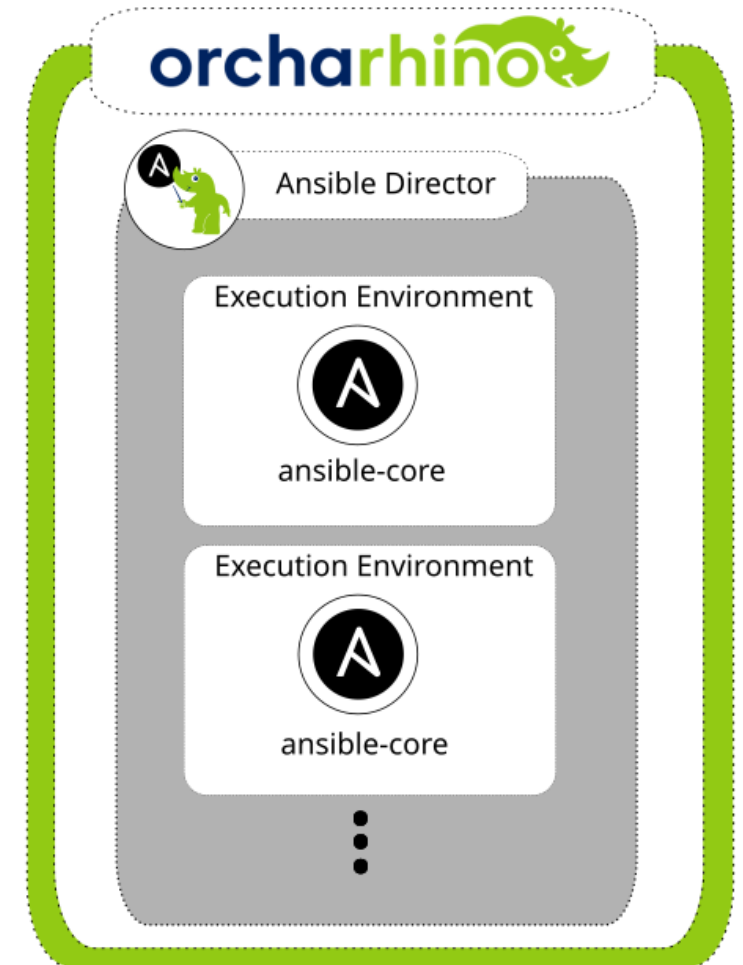
- "Execution Environments"
- Code sources
- Lifecycles
- Host configuration

➔ One GUI for everything Ansible



Execution Environments

- Containerized environment
- OS independent
- Avoid dependency clashes
- Organization specific
- Different versions of ansible-core possible



Execution environments

- Select image
- Select ansible-core



Table 1. Ansible supported Python versions

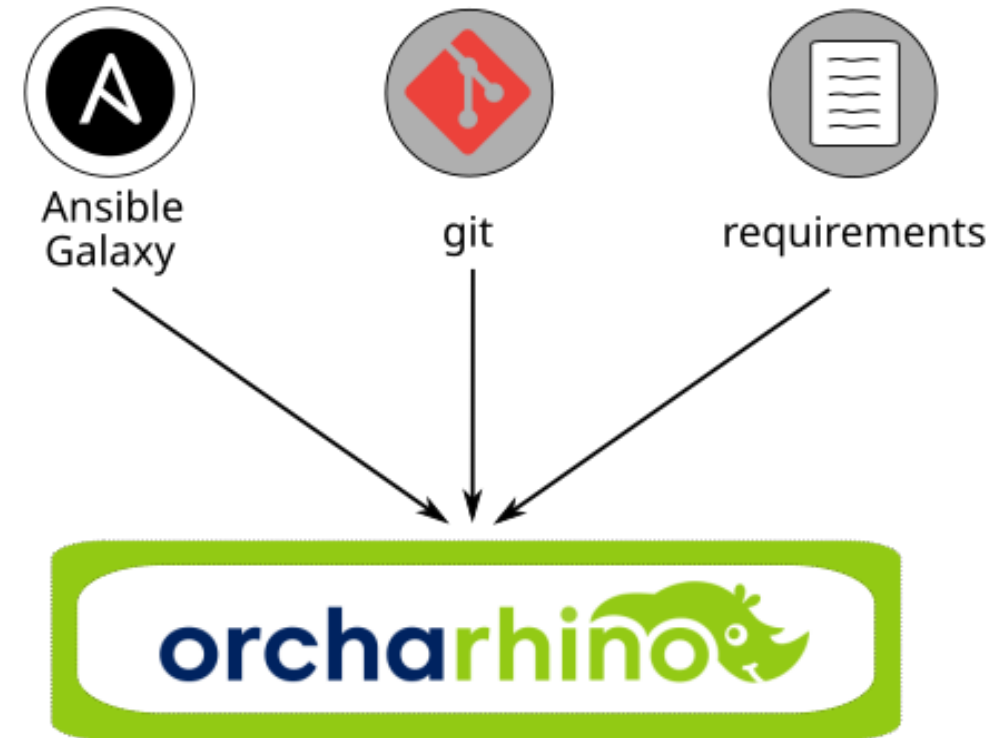
Ansible version	Python versions
2.20	3.12, 3.13, 3.14
2.19	3.11, 3.12, 3.13
2.18	3.11, 3.12, 3.13
2.17	3.10, 3.11, 3.12
2.16	3.10, 3.11, 3.12

Table 2. Python version for OS

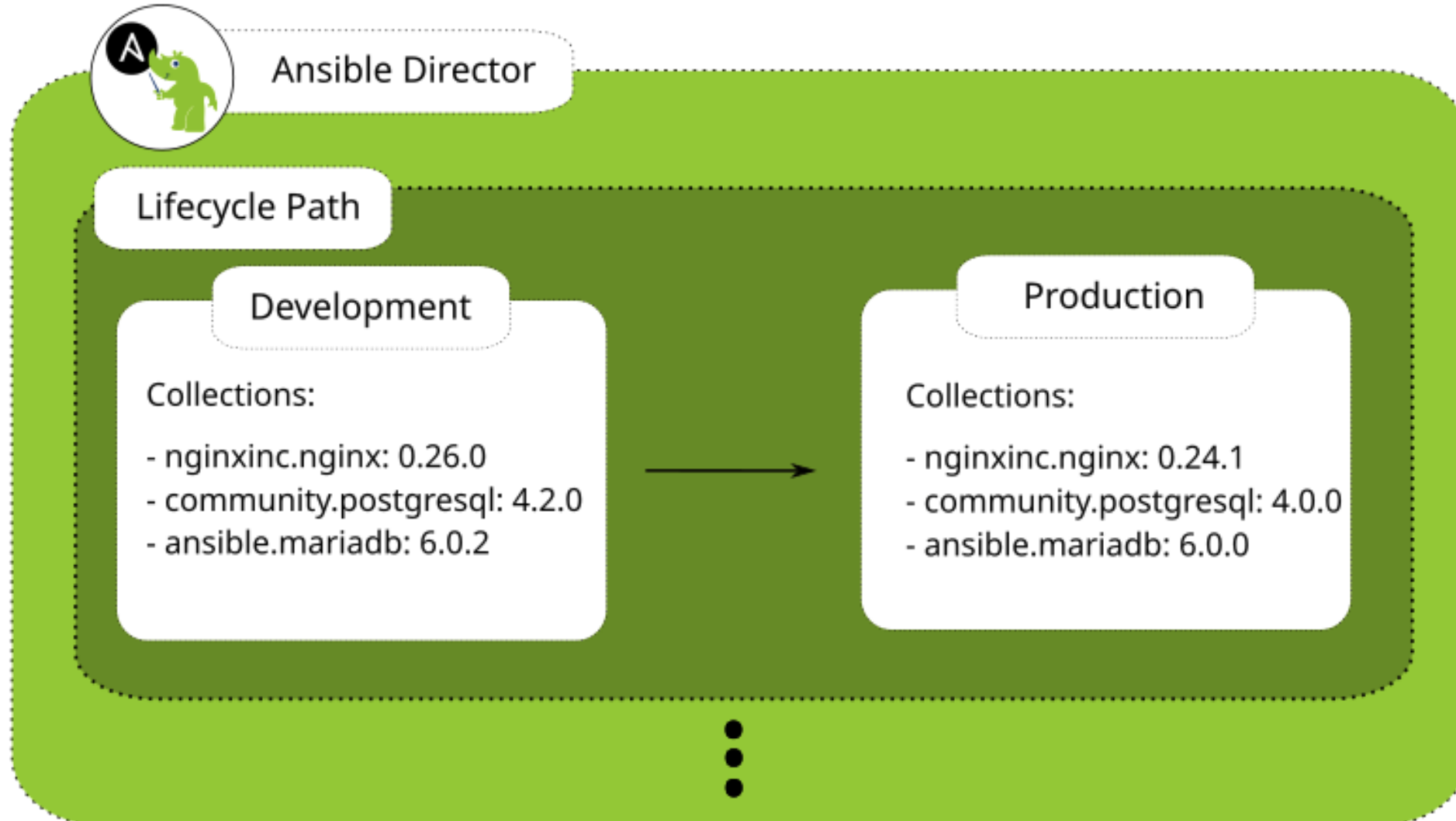
Operating system	Python version
AlmaLinux 10.1	3.12
Debian 13	3.13
Fedora 44	3.14
Ubuntu 26.04	3.14

Code sources

- Ansible Galaxy:
 - Official Ansible Galaxy
 - Self-hosted Galaxy
- git:
 - GitHub
 - GitLab
 - Self-hosted ...
- requirements: YAML file containing complex requirements



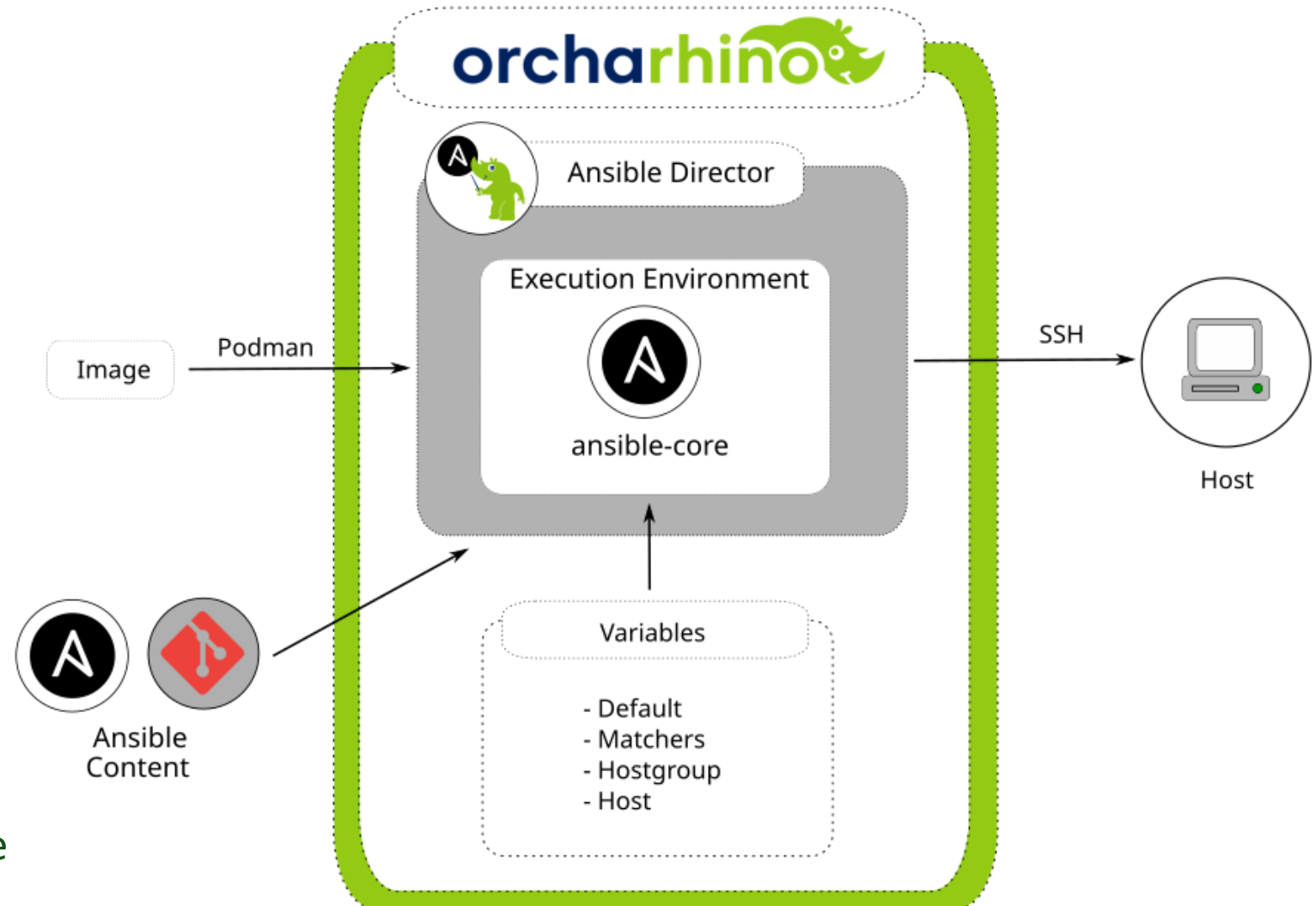
Lifecycles



Host Configuration

- Image
- Ansible Content
- Environment
- Variables
- SSH connection

➔ All organization specific:
Multi-tenancy scenarios possible



Meet us in person!

orcharhino Summit 2026

Date: October 6

Address: Le Meridien,

Bayerstraße 41, 80335 München



Questions

1. How are dependencies for Ansible collections resolved in "Execution Environments" ?
Some collections for example require certain packages being present.

At the moment, these dependencies are not automatically resolved. Specific packages can be installed in the base image for your Execution Environment.

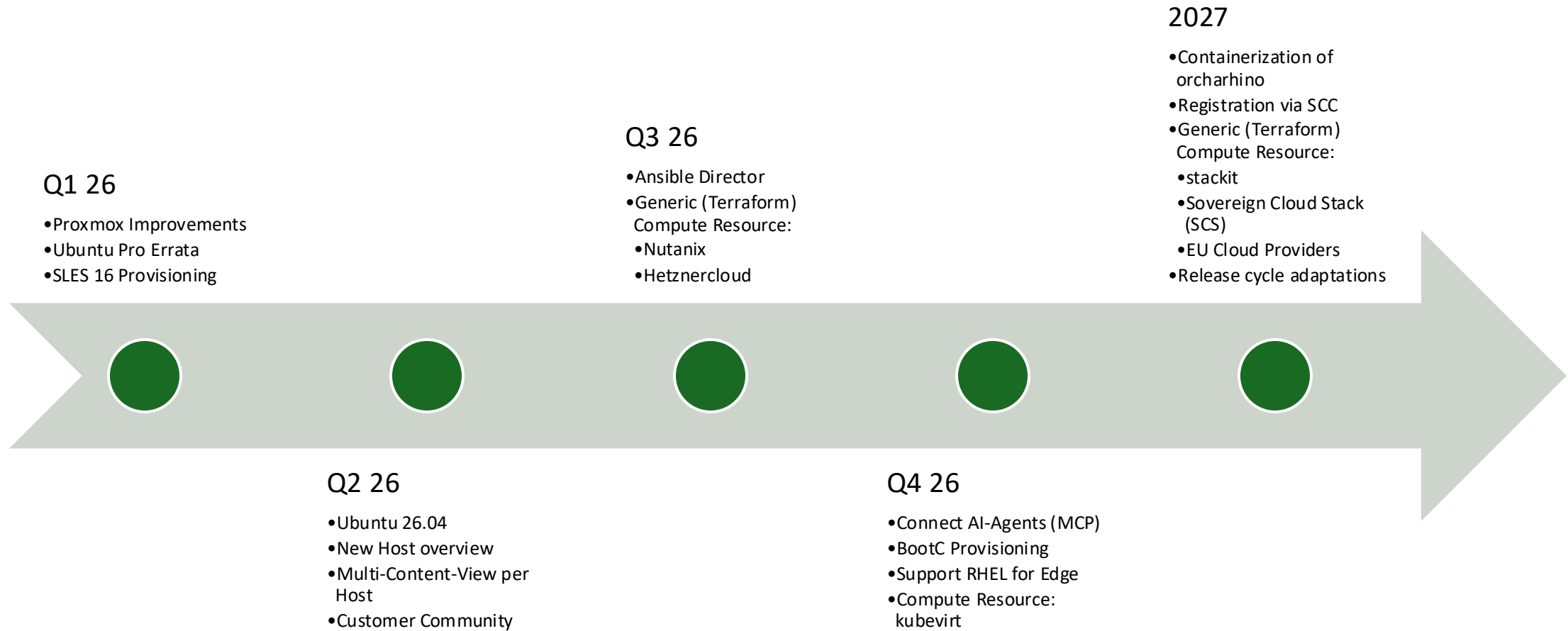
2. Is it possible to use one owns Execution Environment?

It is possible to use one owns base images for modified execution environments. They must be provided via a container registry.

3. What are the future plans for orcharhino?

Please refer to the next slide containing the orcharhino roadmap.

Roadmap



Thank You



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