

# Ansible meets Terraform

A great match!

# Agenda

1 Einführung	Seite 3
2 Terraform	Seite 6
3 Ansible und Terraform	Seite 8
4 Showcase	Seite 12
5 Fragen	

# Einführung



# profi.com AG business solutions

- 20+ years of experience
- 80+ specialists
- Specializations:
  - Application Delivery Management
  - Application Security
  - Hybrid Cloud Management
- 19 years MicroFocus (formerly HPE) Partner
- 2 years Red Hat Partner
- the only Fortify Support Partner in Germany



# Speaker



Gregor Hooper

profi.com AG business solutions

IT-Consultant

Telefon: +49 (0)351 44008176

Mobil: +49 (0)151 51221908

Email: [ghooper@proficom.de](mailto:ghooper@proficom.de)

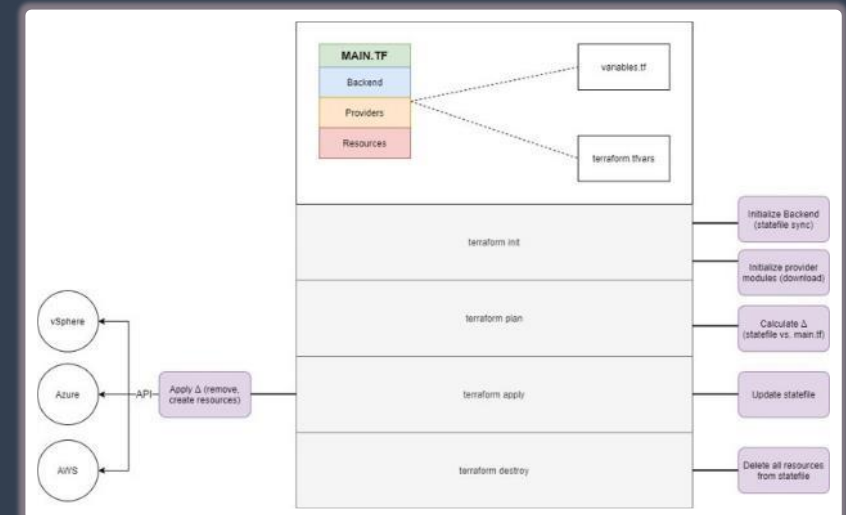
# Terraform

Was ist das?





- Infrastructure-as-code tool
- By HashiCorp (2014)
- HashiCorp Configuration Language
- Erstellen, ändern, versionieren von Infrastruktur
- Kein Vendor Lock – Multi Provider fähig
- Cloud Agnostic



# Ansible und Terraform

Gegenüberstellung und warum beide?





# Ansible und Terraform

## Ansible

- Stateless
- Hybrid
- Hybrid
- Eierlegende Wollmilchsau
- Mutable Infrastruktur

## Terraform

- Statefull
  - Deklarativ
  - Idempotent
  - Infrastruktur Deployment
  - Immutable Infrastruktur
-

# Ansible und Terraform

Wie und warum beide?

- Invoked Ansible by Terraform
- Invoked Terraform by Ansible
- Pipelines/Orchestrating Tools
  
- Open Source
- Support/Community

→ Benutze das Beste aus beiden Welten

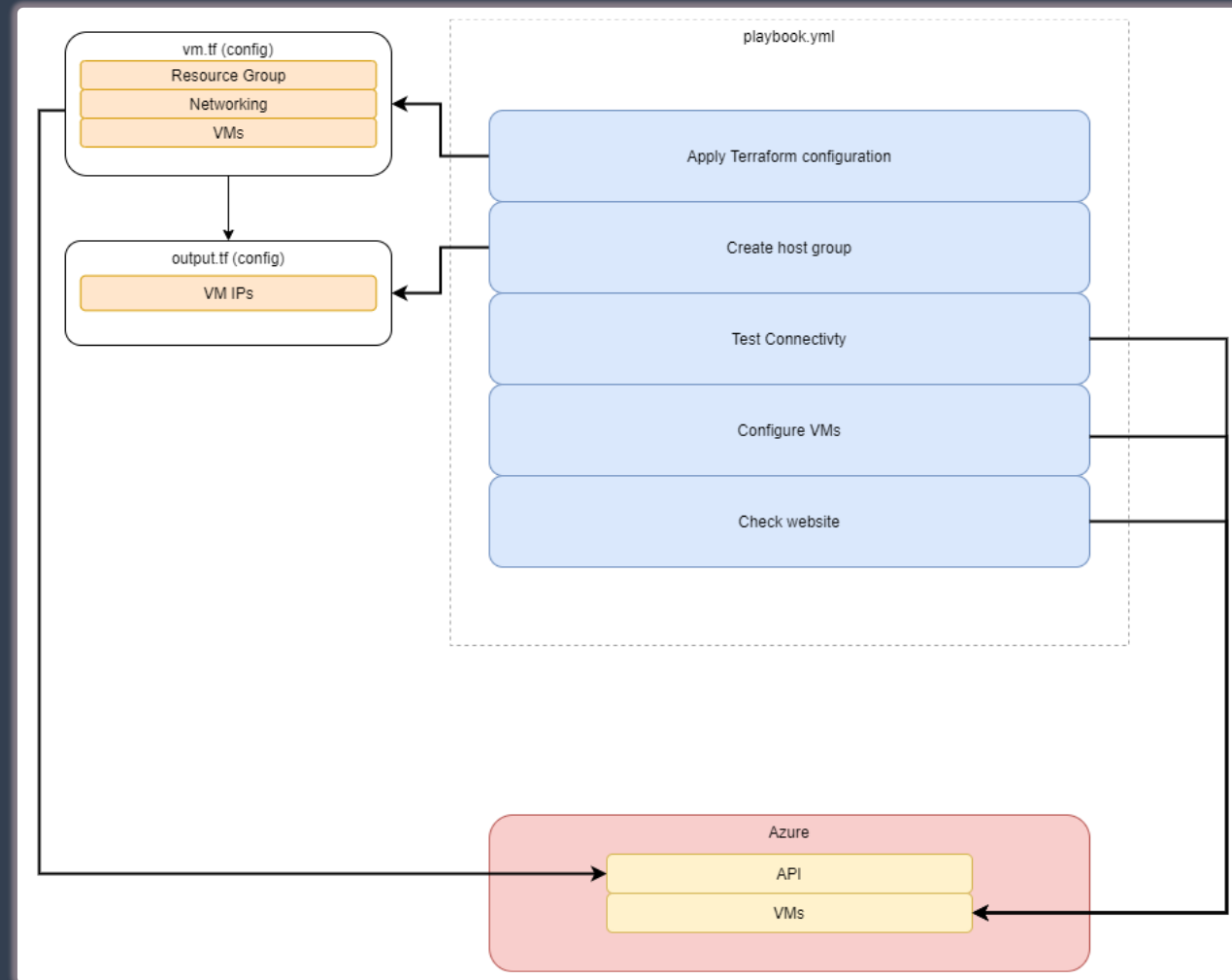
---

# Showcase

Let's have a look!



# Workflow



# Links & References

- Ansible Official
    - <https://www.ansible.com/>
    - <https://docs.ansible.com/>
    - <https://galaxy.ansible.com>
  - Terraform Official
    - <https://www.terraform.io/>
    - <https://www.terraform.io/docs/>
    - <https://registry.terraform.io/>
  - profi.com AG
    - <https://github.com/proficomag/ansible-anwendertreffen-2021>
    - <https://www.proficom.de/dienstleistungen/cloud/enterprise-open-source-software.html>
    - <https://www.proficom.de/service/it-webinare.html>
-

# Fragen?





# JOIN & CONNECT



[www.proficom.de](http://www.proficom.de)