Tech-Webinar

AUTOMATED NETWORK DEVICE BACKUP

Journey to an automated backup

Julian Klaiber Institute for Networked Solutions Rapperswil, April 15, 2020



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Code and Questions



- You can find the whole code used for this webinar on GitHub
 - https://github.com/jklaiber/techwebinar_automated-network-device-backup
 - The presentation is also present in the repository
- When you have further questions after the webinar
 - Just write me an email to <u>julian.klaiber@ins.hsr.ch</u>
 - Or write me directly on Linkedin https://www.linkedin.com/in/julianklaiber/



Goal of the Webinar

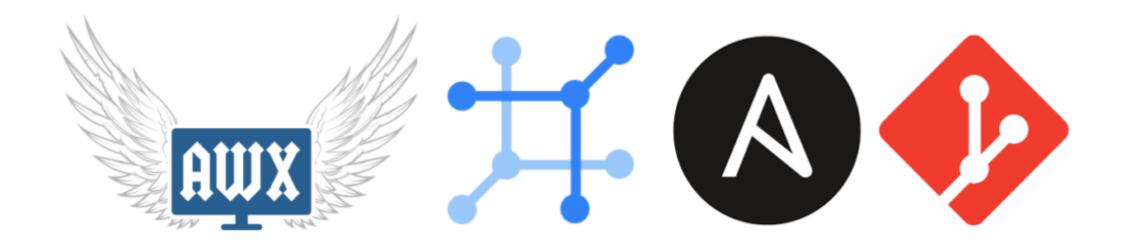


- Show a way to an automated network backup
- Demonstrate how to combine different Open Source tools with each other
- Regain control over network changes
- Short introduction into network automation with Ansible

Open Source Tools



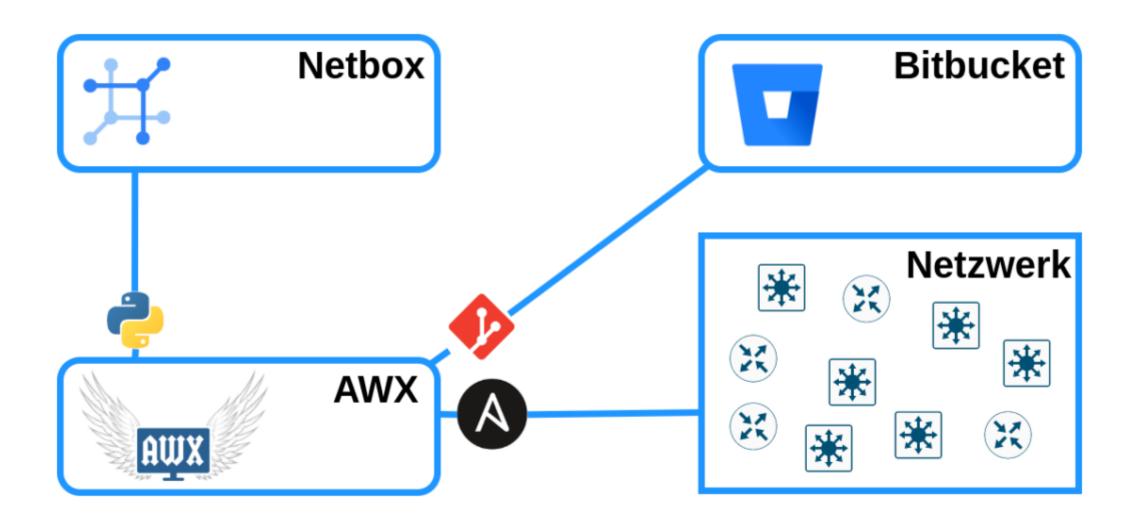
- Ansible as a network automation tool
- **NetBox** as IPAM and SSOT (Single-Source-Of-Truth)
- AWX as a RBAC (Role Based Access Control) for Ansible
- Git for file versioning





Infrastructure









LIVE DEMO



Questions?



- Q&A
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