

# Automation as the glue to empower the future of your infrastructure

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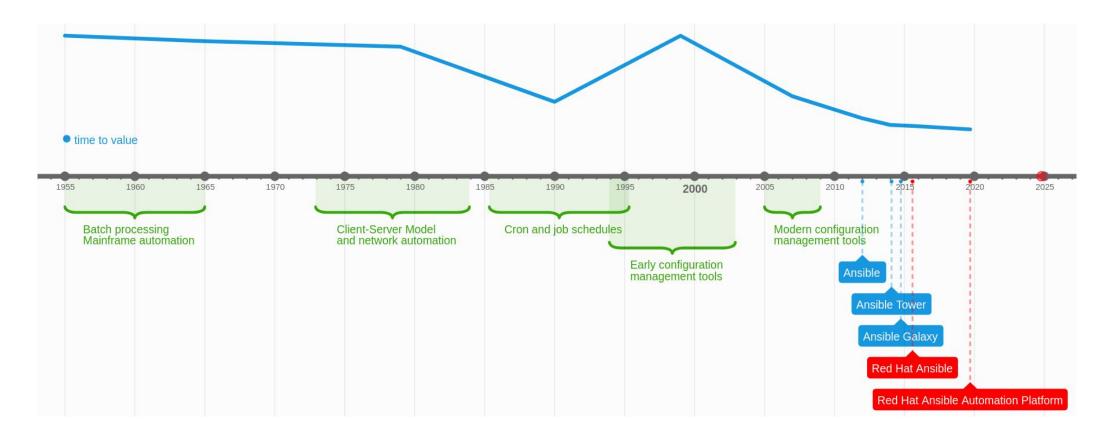


# Agenda

- 🕼 IT Automation: yesterday, today
- Ansible simple yet easy and robust
- What Red Hat Ansible Automation Platform can do for me?
- IT Automation tomorrow
- ? Q&A



# IT Automation: yesterday, today is your time valuable?





Red Hat Summit Connect 2024

# IT Automation: yesterday, today ready to challenge?

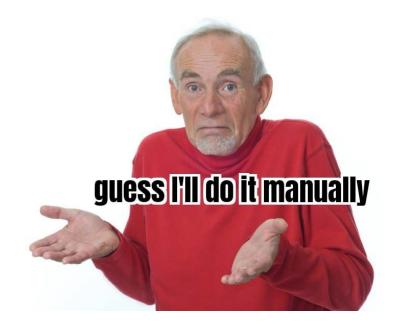
# ComplexitySkill GapSecurity RisksCostUnforeseen ChallengesResistance to ChangeVendor Lock-in



# IT Automation: yesterday, today so what?

Effective IT automation strategies require **careful planning**, **risk assessment**, a **focus on overcoming** these challenges... .. and a **rock solid partner** 







# Ansibile: simple yet flexible and robust power without complication

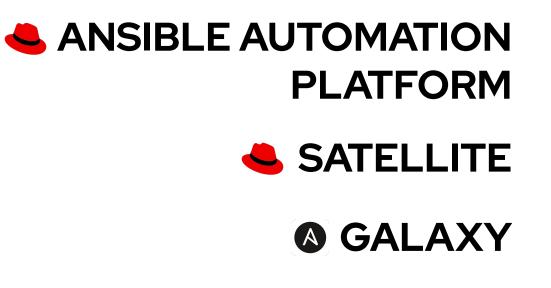




# Ansibile: simple yet flexible and robust are we alone out there?



The Red Hat IT Automation Universe



.. and the technology enabler  $\sim$ 



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Red Hat Ansible Automat

Welcome to Ansible Automation Platforn

O Suco

Hosts 1 = 1Ready

Recent Job Activity

2 Inventory (7)

Projects 100 - 75 ready

View all invest

Automation Analytics ③

III.I.m

### What RHAAP can do for me? Huston, we have a plan

Q 🜲 0 🕜 Administrator 🕶

Inventories

All job types 🔹

III Get started

Takes care of **provisioning virtual machines, containers, and bare metal servers** 

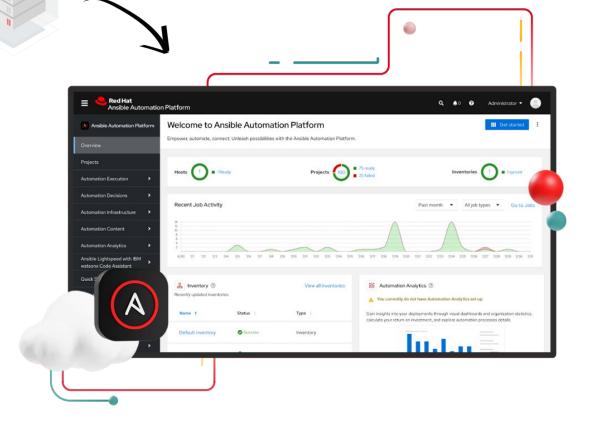
Infrastructure provisioning

Also **configures network, firewalls, load balancers and OT devices** for industrial processes

Lastly **deploys operating systems** and **applications** 



### What RHAAP can do for me? Huston, we have a plan



Configuration management

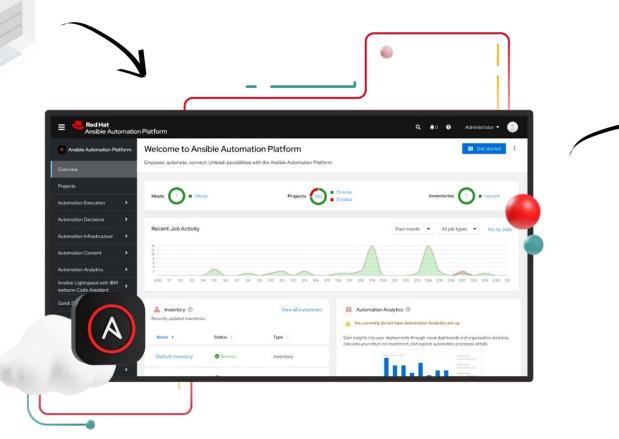
**Ensures consistency** across multiple environments

Manages application dependencies and package installations

Applies configuration changes in a controlled and idempotent way







Deployment and orchestration

Helps deploying and updating applications and services

**Coordinates** complex **workflows** and dependencies

Rolls out across multiple systems



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### What RHAAP can do for me? Huston, we have a plan

Red Hat Ansible Automatic Q 🜲 0 😗 Administrator 🕶 III Get started Welcome to Ansible Automation Platforn Ansible Projects 100 - 75 ready Inventories 1 synced Hosts 1 = 1Ready Recent Job Activity Past month · All job types · Go to Jo View all inven Automation Analytics ③ 2 Inventory (7) O Succe III.I.m

Automation of IT processes

### Automates routine IT tasks, such as backups, patching, and monitoring

### Integrating with other tools and systems to create end-to-end automation pipelines

### **Responds** to incidents



# What RHAAP can do for me? knowledge as an asset

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Projects	0	0	TSready
Automation Execution	Hosts 1 = 1Ready	Projects (100)	25 failed Inventories
Automation Decisions	Description in Anti-Anti-		
Automation Infrastructure	Recent Job Activity		Past month      All job types      Go to
Automation Content			
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	Name 1 Status 1	Type :	Gein insights into your deployments through visual dashboards and organization statis calculate your return on investment, and explore automation processes details.
	Default inventory Success	Inventory	Ind.u =



Knowledge is no more owned by single IT engineers and developers



### What RHAAP can do for me? knowledge as an asset

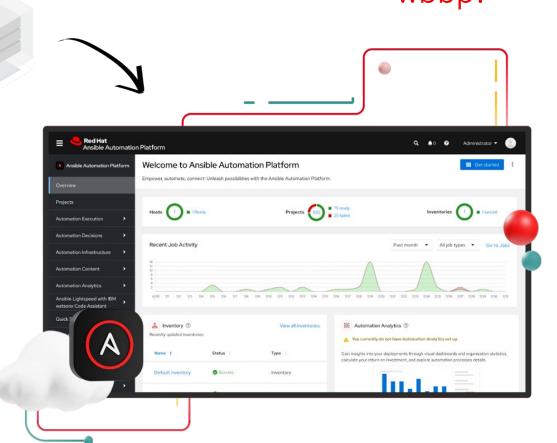
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Knowledge is transferred from the single to the company





# What RHAAP can do for me? wbbp?



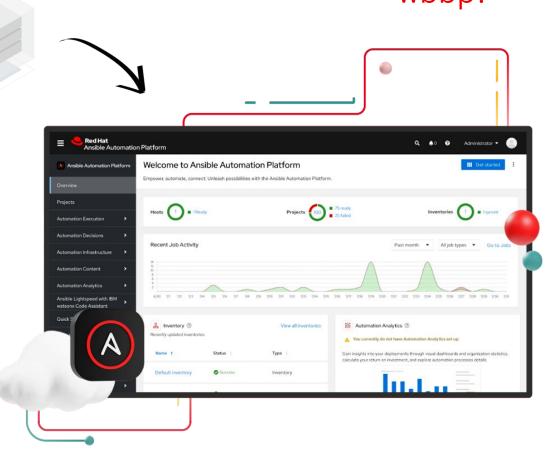




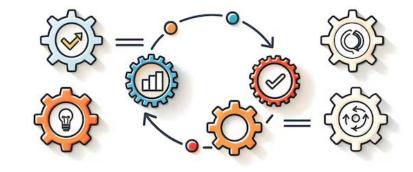




# What RHAAP can do for me? wbbp?









# IT Automation: tomorrow challenge accepted!



### Improved efficiency Helps IT teams work are perficiently and focus on higher-value activities.

### Lowercosts

# Helps reduce the risk of errors and

outages by automating manual processes.

Helps reduce IT costs by automating manual tasks and eliminating the need for proton Diate Seen Challenges

# Resistance to Charfgeter time to manket Lock-in

Heip organizations **deploy new** applications and services more quickly.





# Connect

Q&A





### "So long and thanks for all the fish!"

Douglas Adams, Hitchhiker's Guide to the Galaxy



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