Red Hat Summit

Connect

Automation as the glue to empower the future of your infrastructure

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NEEN SPA a VEM company

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Agenda

- IT Automation: yesterday, today
- Ansible – simple yet easy and robust
- What **R**ed **H**at **A**nsible **A**utomation **P**latform can do for me?
- IT Automation tomorrow
- Q&A

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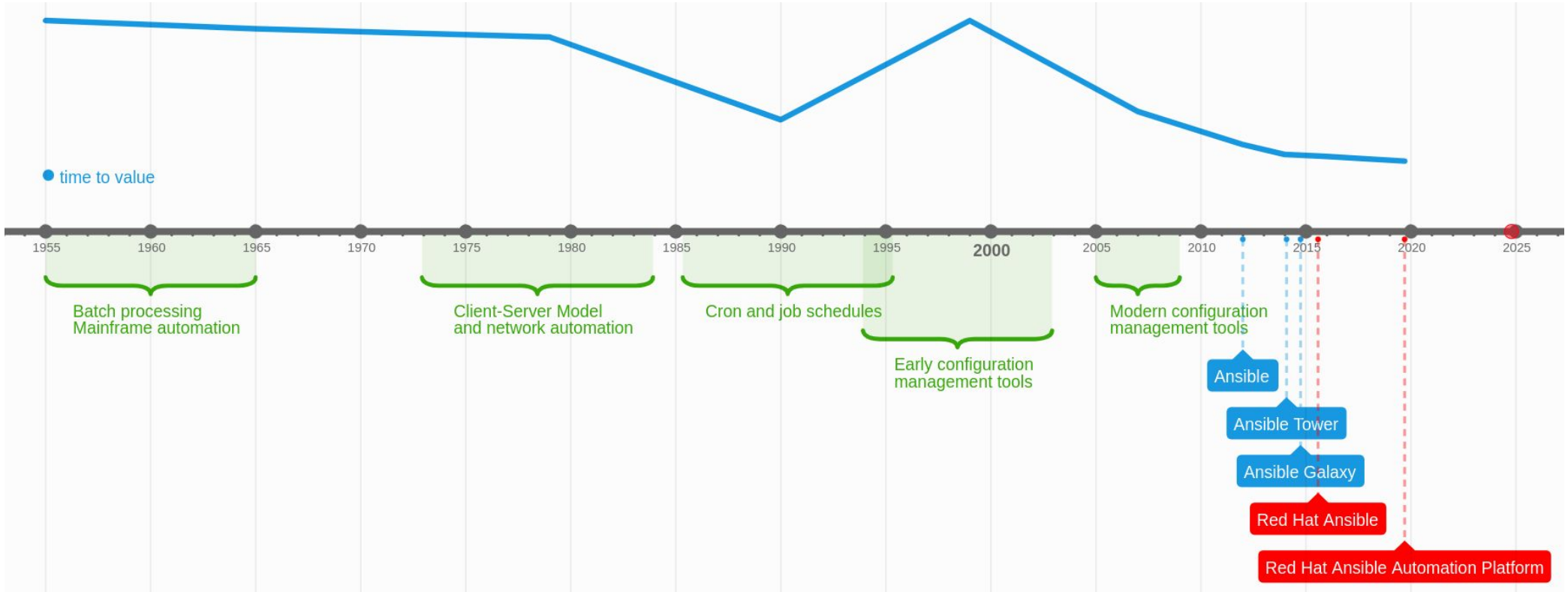
IT Automation: yesterday, today
is your time valuable?



IT Automation: yesterday, today
ready to challenge?

Complexity

Skill Gap

Cost

Security Risks

Unforeseen Challenges

Resistance to Change

Vendor Lock-in

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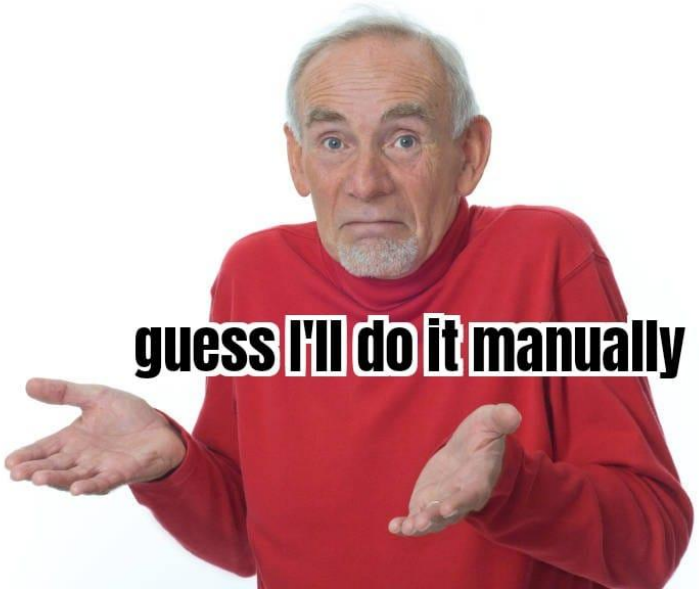
IT Automation: yesterday, today
so what?



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

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Ansibile: simple yet flexible and robust

power without complication

Simple	Flexible	Robust
agentless declarative modular	integration customization	idempotency error handling rollback

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Ansibile: simple yet flexible and robust

are we alone out there?

The Red Hat IT Automation Universe

ANSIBLE AUTOMATION PLATFORM

SATELLITE

GALAXY

.. and the technology enabler

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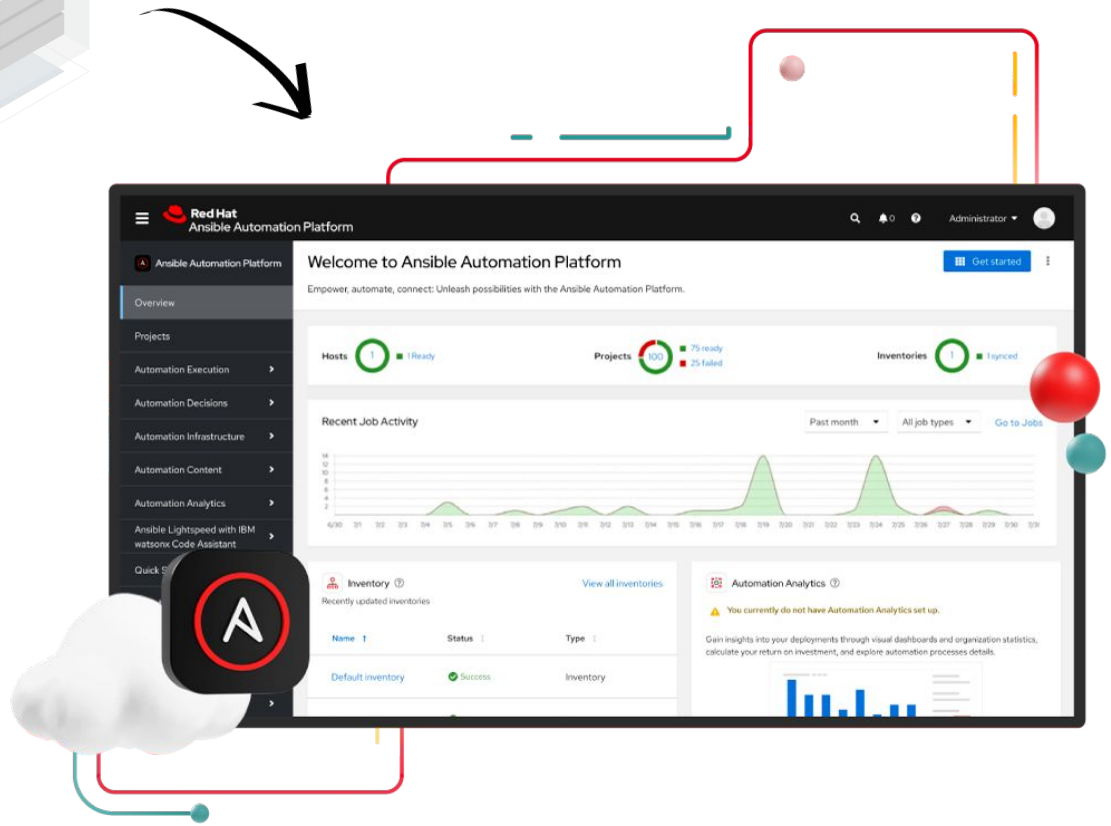
What RHAAP can do for me?

Huston, we have a plan



Infrastructure provisioning

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

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

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

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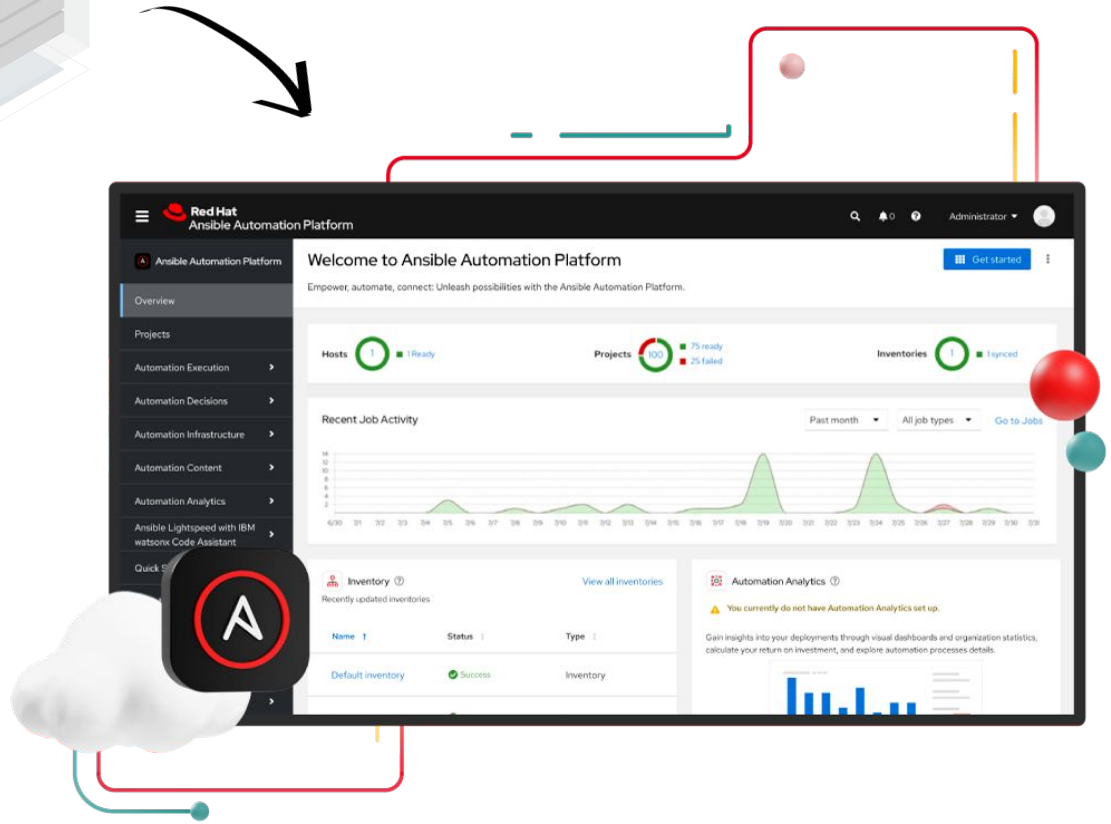

Configuration management

Ensures consistency across multiple environments

Manages application dependencies and package installations

Applies configuration changes in a controlled and idempotent way

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What RHAAP can do for me?

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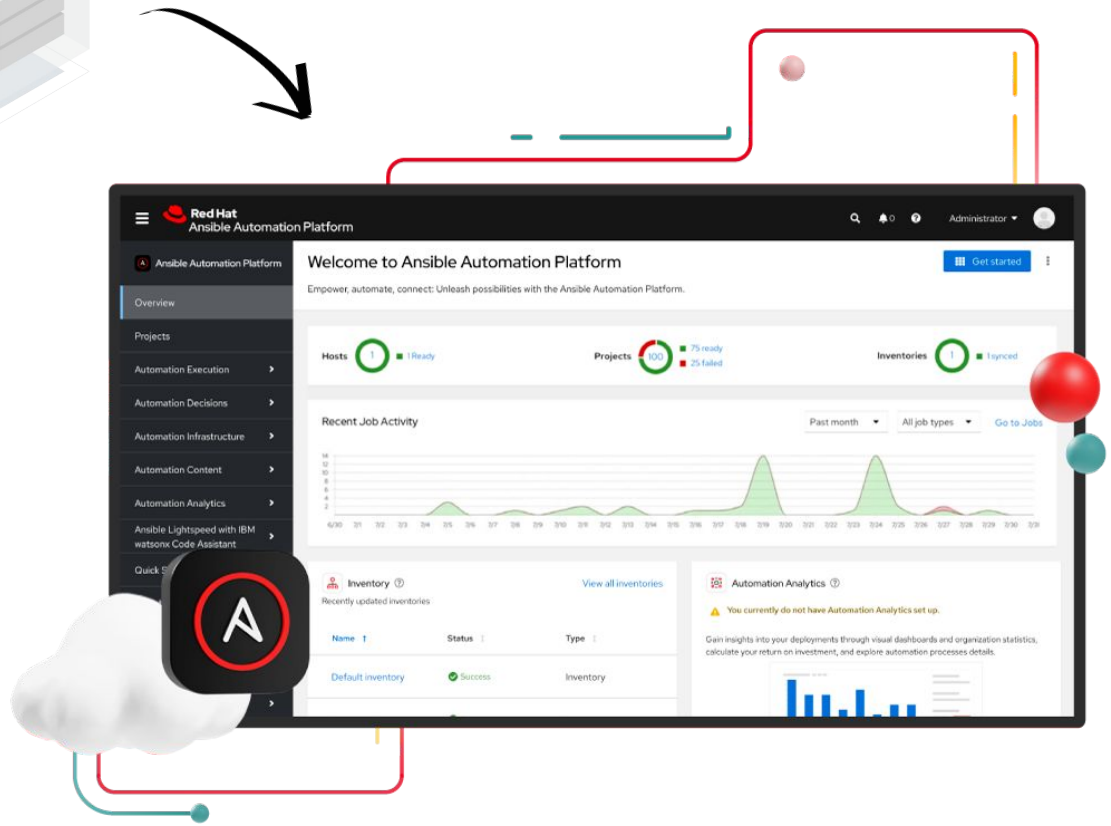

Deployment and orchestration

Helps **deploying and updating applications and services**

Coordinates complex **workflows** and dependencies

Rolls out **across** multiple systems

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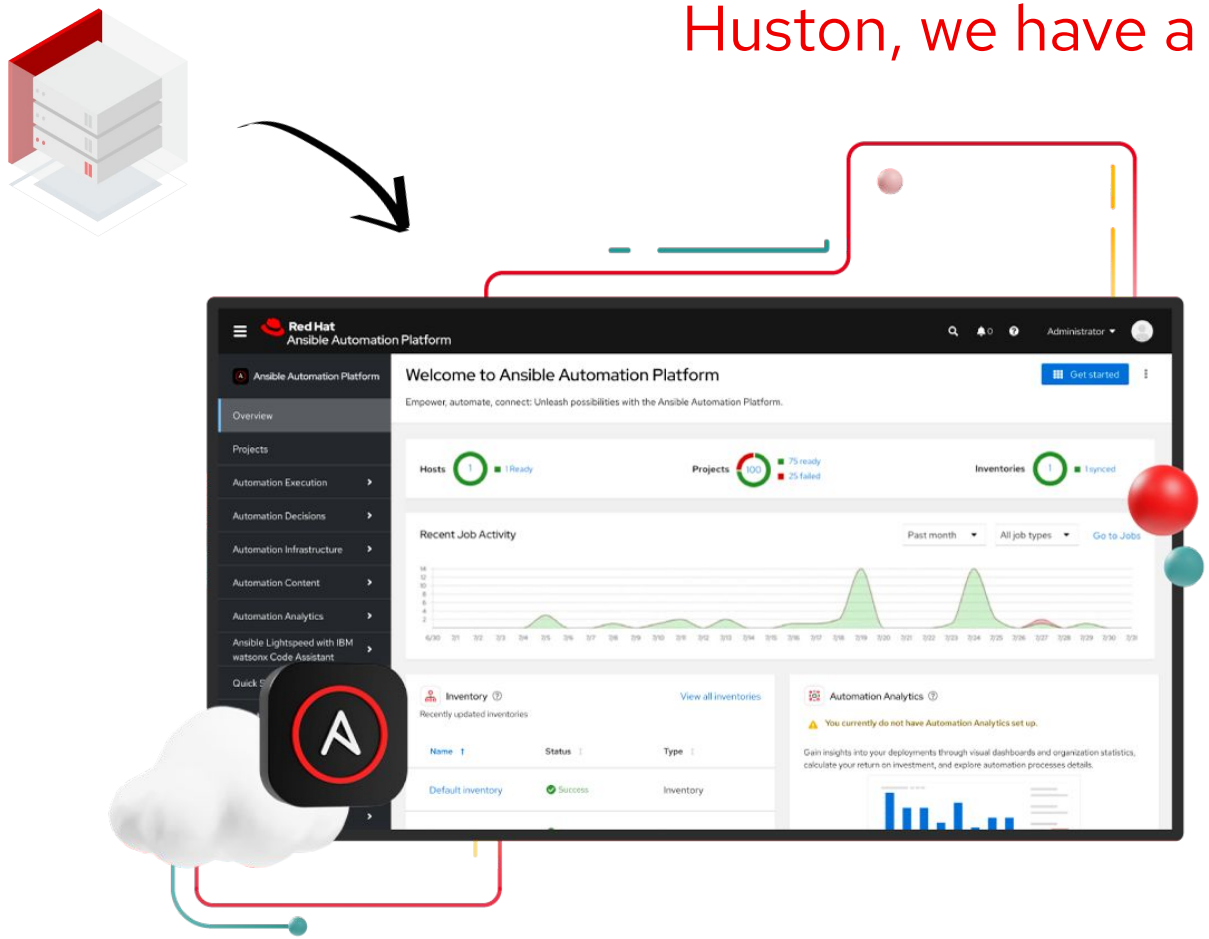
What RHAAP can do for me?

Huston, we have a plan



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

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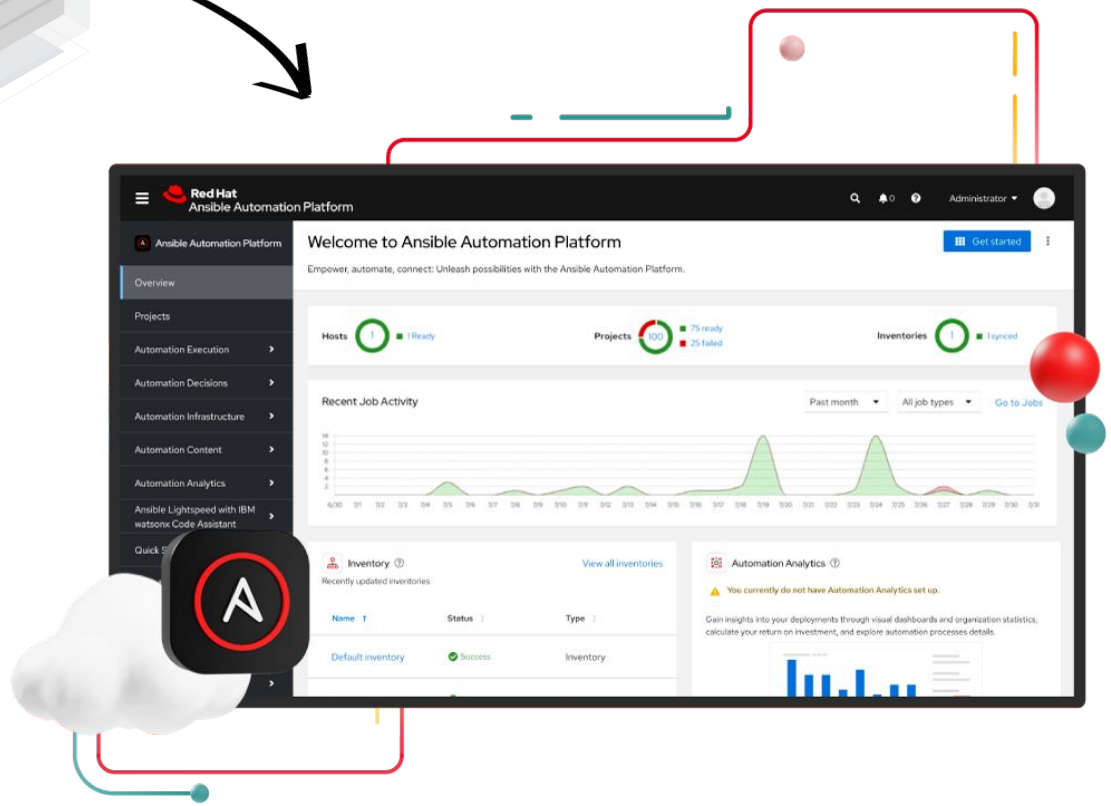
What RHAAP can do for me?

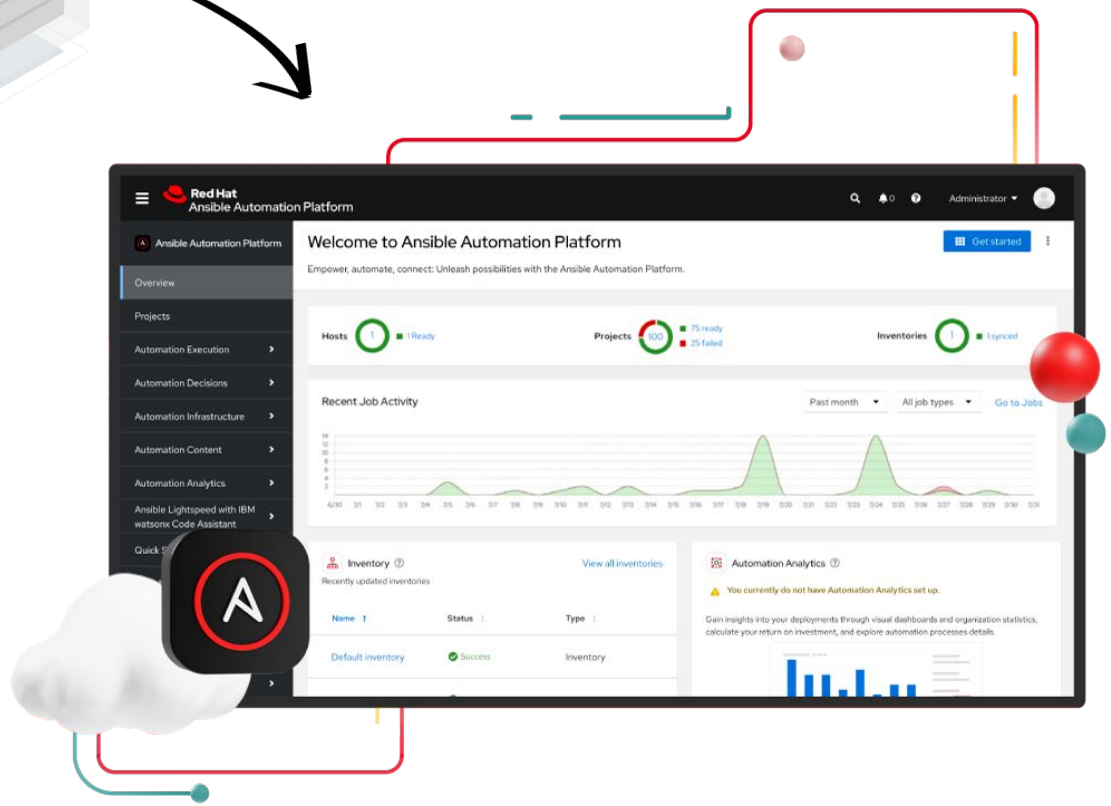
knowledge as an asset



Knowledge is **no more** owned **by single** IT engineers and developers

What RHAAP can do for me?

knowledge as an asset



Knowledge is transferred from the single to the **company**

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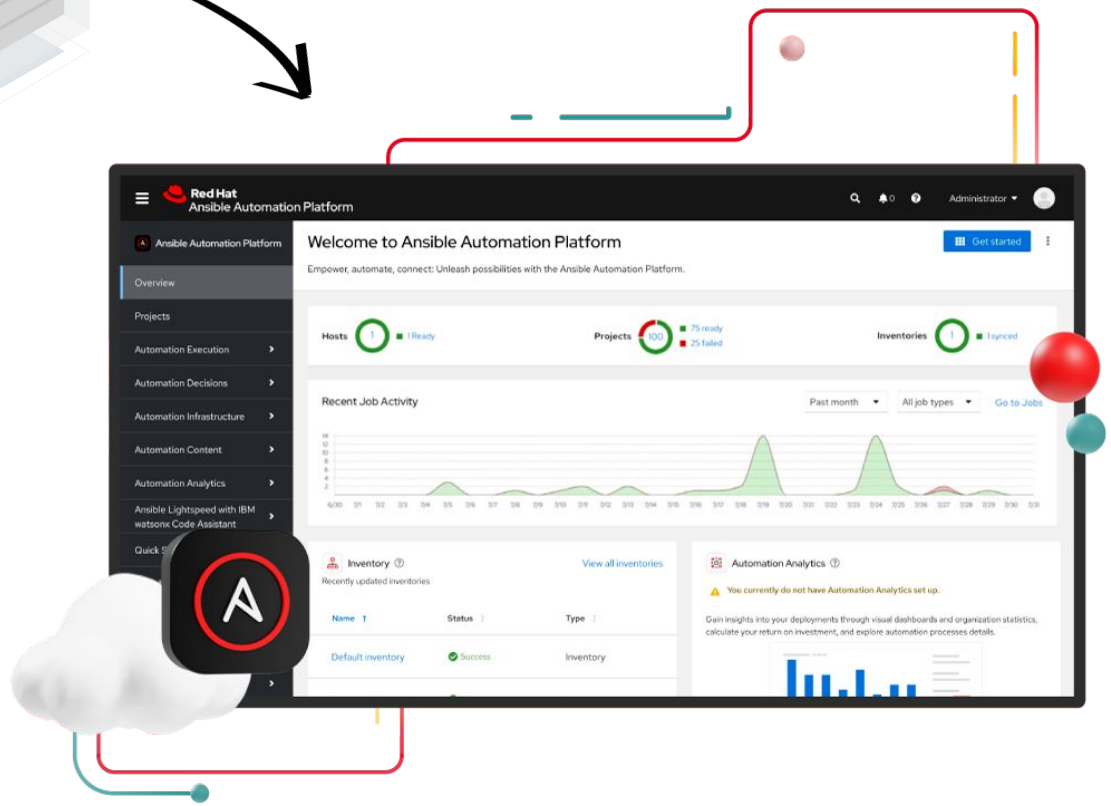
What RHAAP can do for me?

wbbp?



Every process is automatable

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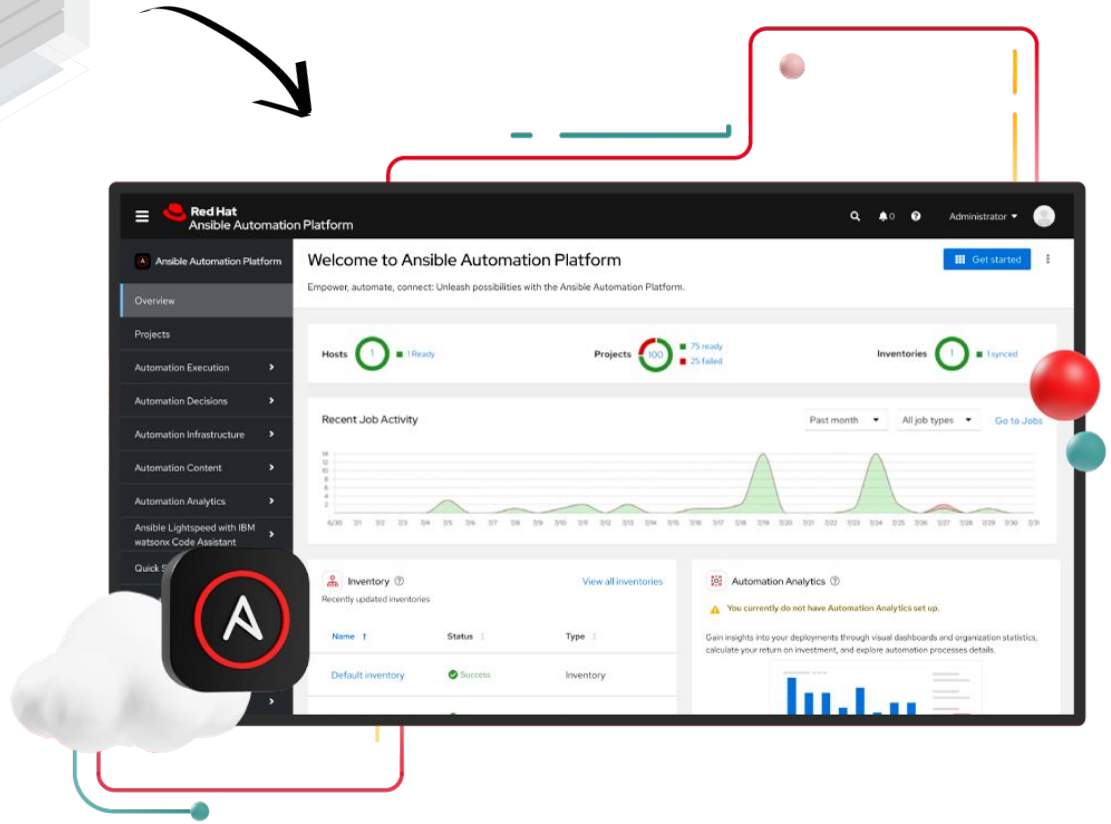

Every process is automatable

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IT Automation: tomorrow
challenge accepted!

Complexity
Improved consistency

Helps **ensure that IT environments are consistent and compliant** with best practices.

Skill Gap
Improved efficiency

Helps IT teams work **more efficiently** and **focus on higher-value activities**.

Security Risks
Reduced risk

Helps **reduce the risk of errors and outages** by automating manual processes.

Cost
Lower costs

Helps **reduce IT costs** by automating manual tasks and **eliminating the need for additional staff.**

Resistance to Change

Unforeseen Challenges
Faster time to market

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

Vendor Lock-in

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Q&A

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"So long and thanks for all the fish!"

Douglas Adams,
Hitchhiker's Guide to the Galaxy

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