



Connect

Forward looking automation trends

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We know the technical value that automation delivers

When IT organizations make automation high priority they win



MAPFRE



55%

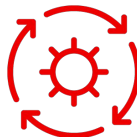
Reduction in lead times



85 %

Reduction in error rates

100,000 events
auto-healed per month



Fortune 50 FSI customer



Desjardins



90%

Improvement in server
patching time



MCB

2000

Work days per year
saved by IT team

DAI-ICHI LIFE

Gân bó dài lâu.



80%

Reduction in system
monitoring time



80 %

Reduction application
performance errors



But ... Automation at scale is not a given

The 4 'C's hold us back from realising the full benefits of automation

Complexity

Many technologies

Multiple deployment requirements
(DC, Cloud, Edge, ...)

Various tool options

Day 2 operations >> provisioning

Developers with too much to do

Competence

Skilled engineers in separate team
'silos'

Getting and retaining talent is hard

More team members should be
automating, but don't have time

Compliance

Internal rules

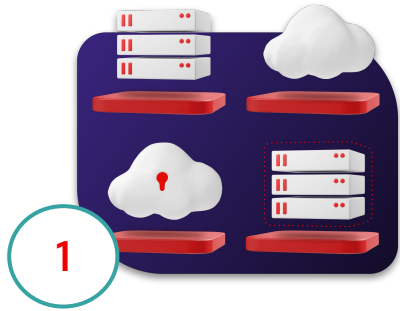
External regulations

Security concerns

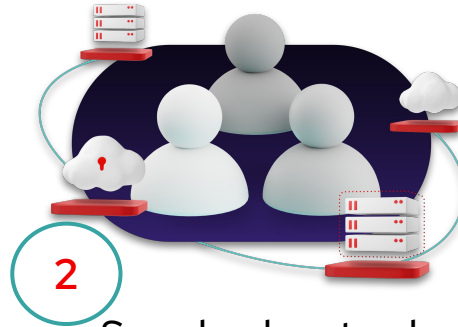
And meeting these challenges whilst **Cost** remains paramount. Leadership expect that we will do more with less and that automation will take costs out to deliver innovation elsewhere



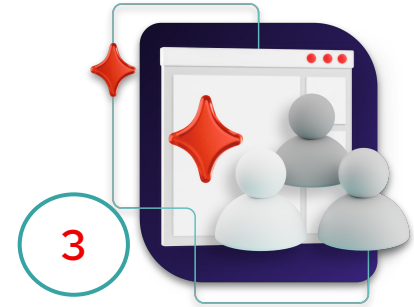
The evolving trends in automation



Integrated, intelligent
platforms providing more
value



Seamlessly extend
automation to other teams



AI supporting automation
for developers & owners





1

Integrated intelligent platforms

Address complexity, get more value from your investments



Automation platforms

This complex ecosystem can be brought together to provide more value

Network



ARISTA

aruba
NETWORKS

cisco

Meraki

f5

JUNIPER
NETWORKS

Operating systems



Red Hat
Enterprise Linux

Microsoft

Linux

IBM
z/OS

Power Systems

Cloud



aws
Google Cloud
Microsoft Azure
Red Hat
OpenStack Platform
IBM Cloud
Terraform
kubernetes

Virtualization



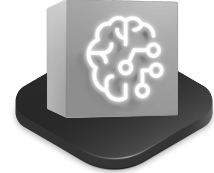
Red Hat
OpenShift
aws
Google Cloud
Microsoft Azure
vmware
by Broadcom
NetApp
Nutanix

Application delivery



Red Hat
OpenShift
CYBERARK
DATADOG
dynatrace
SAP S/4 HANA
servicenow
IBM
Terraform

AIOps

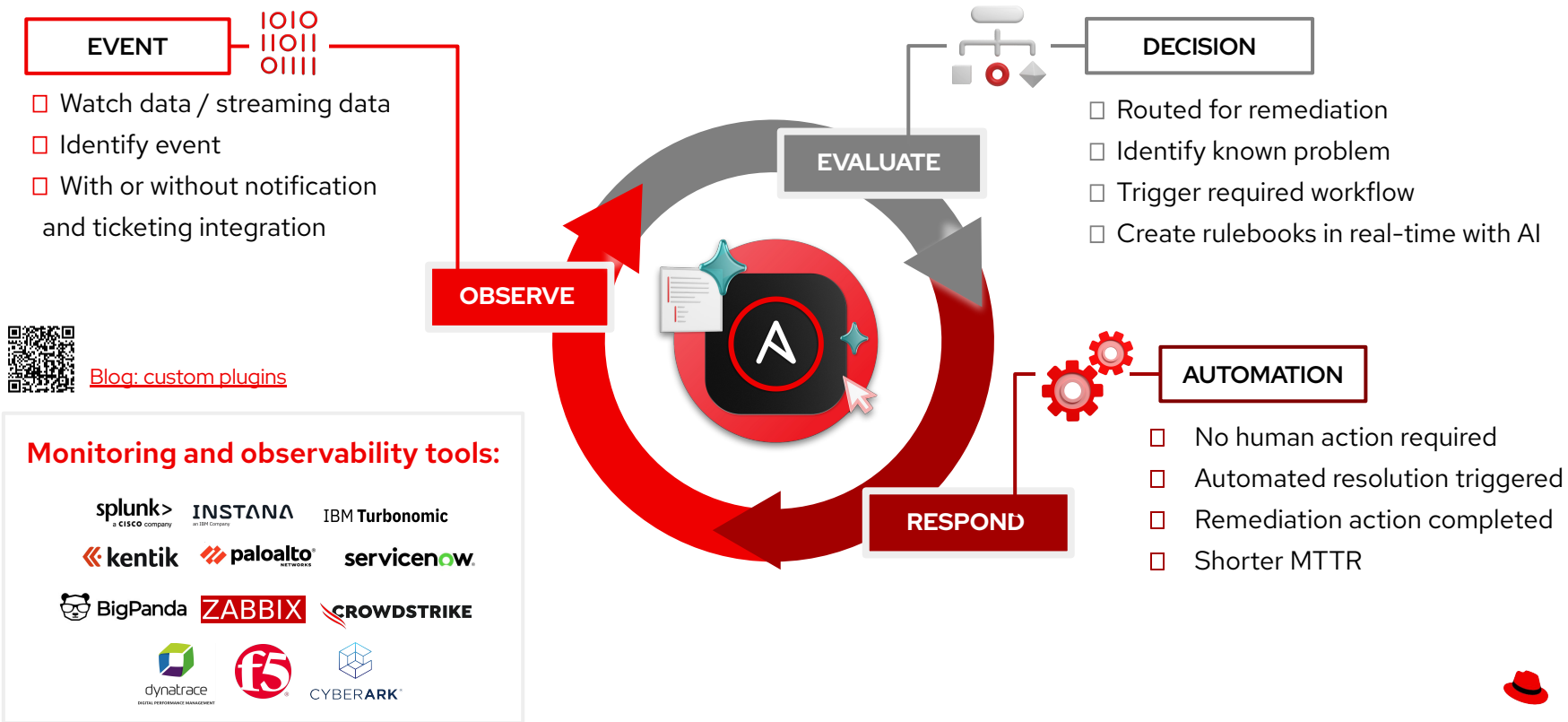


Red Hat AI
BigPanda
dynatrace
INSTANA
IBM Turbonomic
splunk>

170+ Certified Content Collections | 80+ Certified technology partners | 110+ Systems integrators and resellers

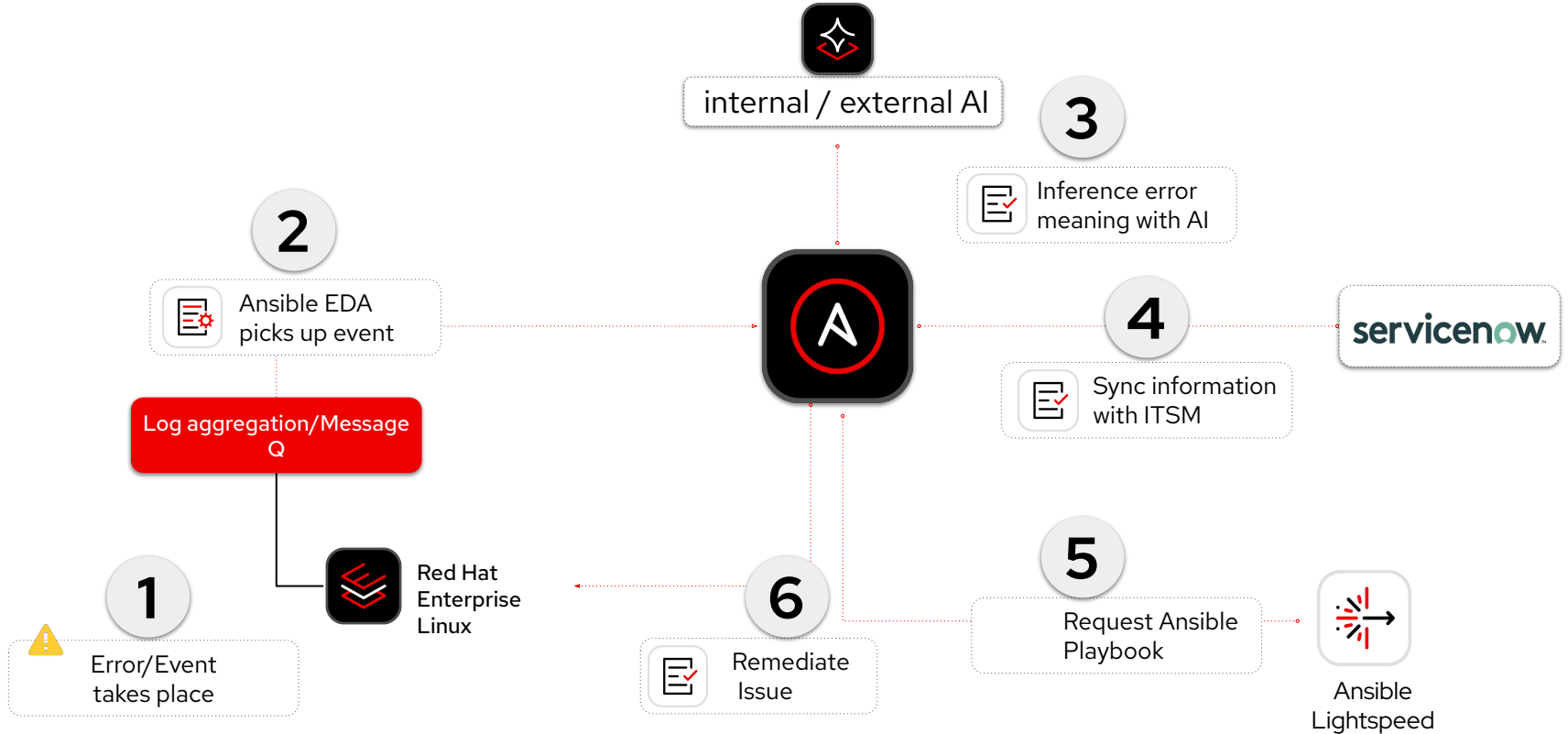


Intelligence into action



Unlock AIOps

Reduce manual effort & link to ITSM for reporting & tracking



NEW! AI solution guides for Ansible Automation Platform

Customer story: AIOps in action



"We've also integrated intelligent observability from Dynatrace, which uses AI to proactively identify any unusual patterns in our environment before triggering Event-Driven Ansible to resolve the incident and enable application recovery"

Mutua Madrileña adopts automation as standard with Red Hat



Software and services

Red Hat® Ansible®
Automation Platform

Mutua Madrileña, Spain's leading insurer, has more than 60 platforms managed by its middleware department. This environment is complex—especially following multiple mergers and acquisitions—but crucial to support the company's digital needs. In line with its Digital Transformation plan, the middleware team implemented Dynatrace for intelligent observability and Red Hat Ansible Automation Platform. This allowed the team to automate platform provisioning and accelerate incident resolution using event-driven automation. This standard, automated process can be replicated in any environment to accelerate time to market, reduce operating costs, and free up skilled workers to focus on innovation.



"Choosing Red Hat Ansible Automation Platform was one of the **best decisions we've ever made**...Combining observability with self-healing has improved resolution times and reduced service downtime. **We saw a 50% reduction in service tickets.**"

- Marta Ceciliano

Head of Middleware, Automation, and Observability



1b

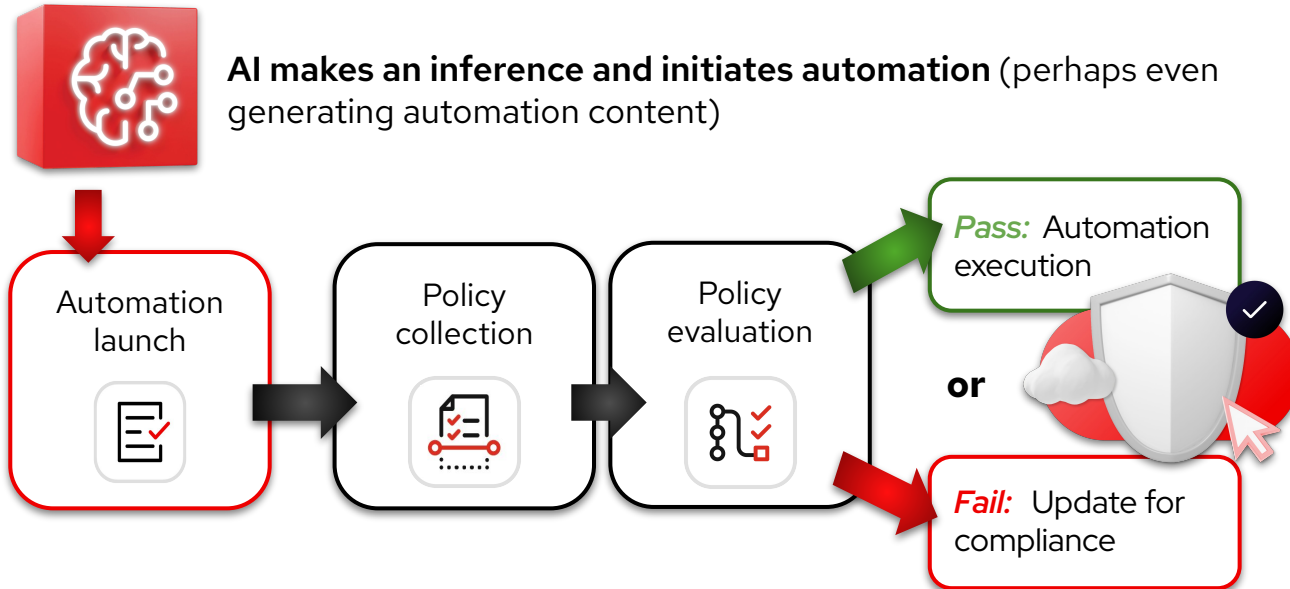
Integrated, integrated platforms ... with compliance built in

Address complexity **& Compliance**



Ensuring compliance: Policy enforcement

"Human in the loop" decision making codified directly into your automation



TRUST

- ✓ **Control** over what AI-driven automation is able to do prior to completion.
- ✓ Improve **compliance**, auditability, and AI outcomes.
- ✓ Tightly align event-driven automated responses **to company policies**.





2

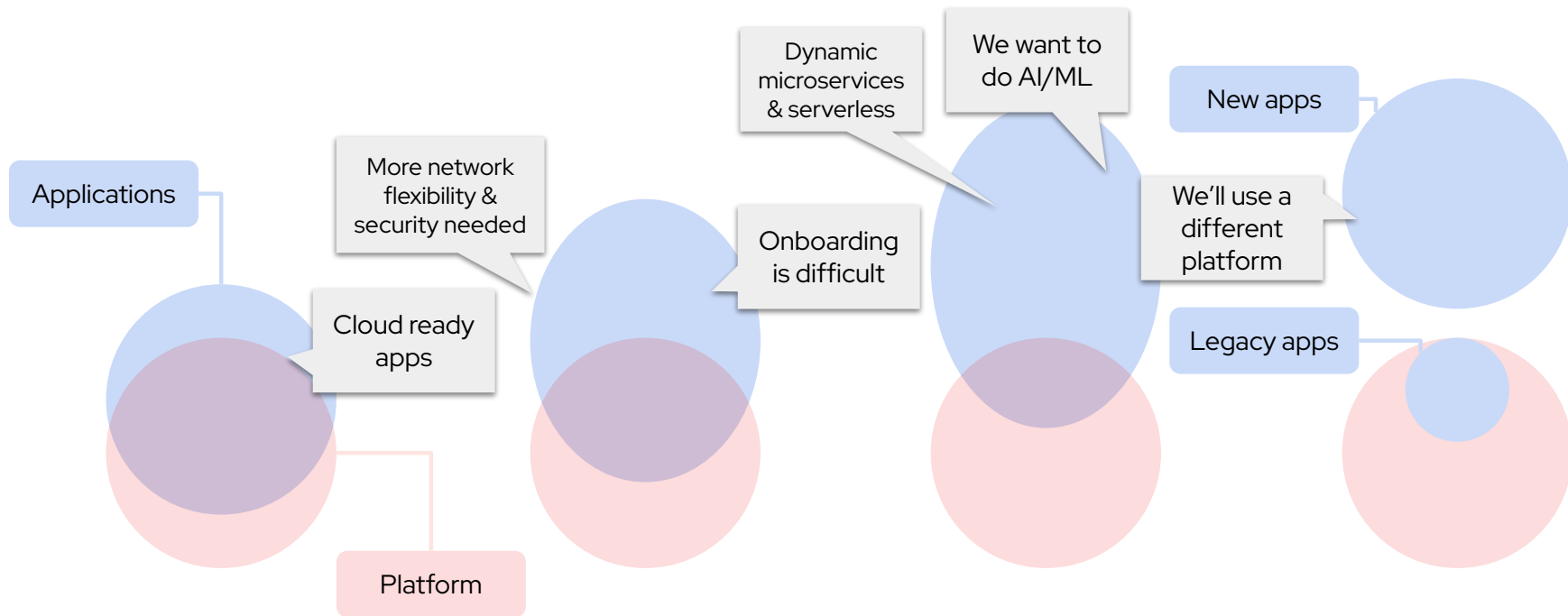
Extend automation to other teams

Address skills gaps → “Automation First” mindset → ultimately addressing both innovation & cost challenges



Pitfalls of the wrong platform approach

Static platforms can't keep pace with evolving user needs



Platform Engineering/ Platform as a Product Approach

Faster to value, reduced waste, lower risk, greater agility

A product approach to platform adoption

What traits are seen in platform teams that apply this approach?



Empowered

The team has ownership of the platform and its distinct brand identity



User-Centric

User needs shape the direction of platform development



Iterative

The product and approach are continuously inspected and improved



Data-Informed

Data is gathered continuously to inform measures of success



Aligned

Value is maximised by collaborating towards organisational goals

Influential publications



Growing automation for scale and impact

Unlocking the full potential of teams, tools, and processes



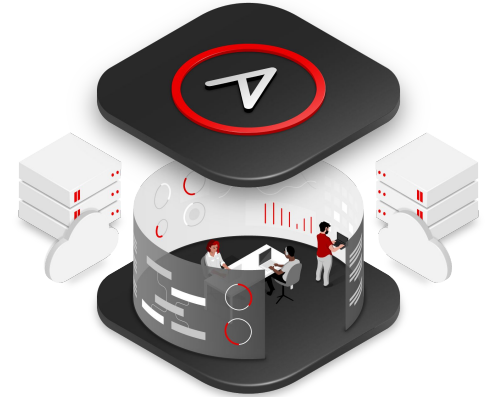
Center of Excellence

- ✓ Automation tools applied to key use cases
- ✓ Automation expertise applied by a select few
- ✓ Automation standards and policies established



Community of Practice

- ✓ Automation value established; use cases begin to multiply
- ✓ Automation expertise begins to scale across teams
- ✓ Automation delivers strategic impact



Center for Enablement

- ✓ Organization-wide culture of automation; "Automation first" mindset takes root
- ✓ End-to-end automated workflows across use cases and domains
- ✓ Automation becomes mission-critical to the business



Building an "automation first" mindset | Self-service automation

Helping enable a platform engineering approach to automation service delivery



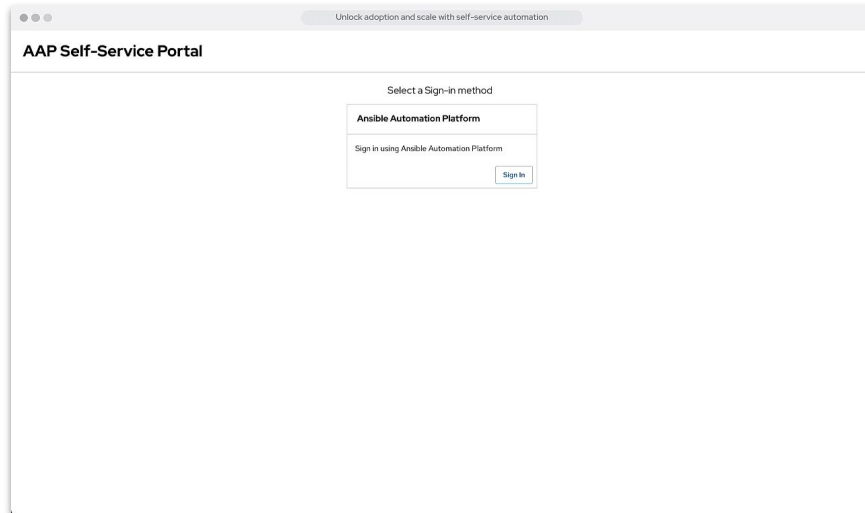
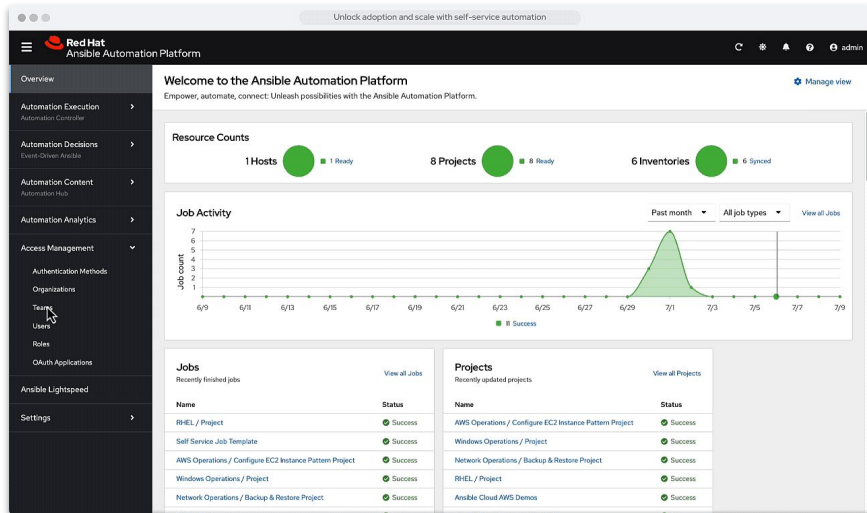
Platform admin

Defines automation use cases and sets RBAC parameters



Domain subject matter expert

Views and runs automation relevant to their work with an easy-to-use self-service experience.



New with AAP 2.6!



3

AI assistance for Automation Owners and Developers

Address skills shortages, empower platform owners and help new automation developers



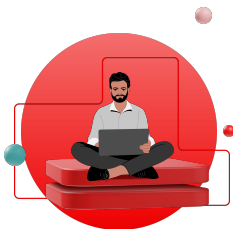
AI Models will continue to evolve & improve

Helping automation developers and platform admins

CODE GENERATION

A service that provides **Ansible-specific code generation** to boost engineer productivity and establish confidence in automation code.

→ For automation engineers / content creators



PLATFORM ASSISTANCE

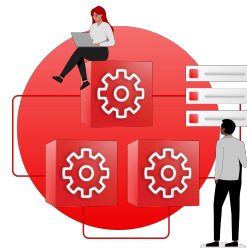
A chat assistant embedded directly with the Ansible Automation Platform UI to help teams onboard, troubleshoot, and manage day-to-day operations.

→ For automation administrators / IT operators



WORKFLOW ASSISTANCE

Enhanced contextual support to streamline operations through a guided chat experience. Uses model context protocol to help perform **root cause analysis and issue resolution** within Ansible Automation Platform.





Red Hat Ansible Lightspeed **intelligent assistant**

Enhance your IT operations workflows with agentic AI

2016
Roadmap

IT WORKFLOW ASSISTANCE

Expanded contextual support within Ansible Automation Platform to accelerate operational workflows:

- **Perform root cause analysis and remediation** within an intuitive chat experience.
- **Gather facts and insights** into system health and status to **resolve issues faster**.
- **Leverages model context protocol (MCP)** to query and troubleshoot operational issues within Ansible Automation Platform (near term) and external systems (roadmap)
- **Example prompts:**
 - "How can I reduce the runtime for this job template?"
 - "Provide recommendations to optimize the performance of my current playbook"

Inside model context protocol (MCP)

- Allows Ansible Lightspeed intelligent assistant to **connect to and act on data from Ansible Automation Platform and external systems and tools**
- Will enable **prompting from intelligent assistant** to Ansible-connected systems
- Allows Red Hat to combine Lightspeed code generation feature with Lightspeed agent in a **seamless user experience**

MAKE BETTER DECISIONS

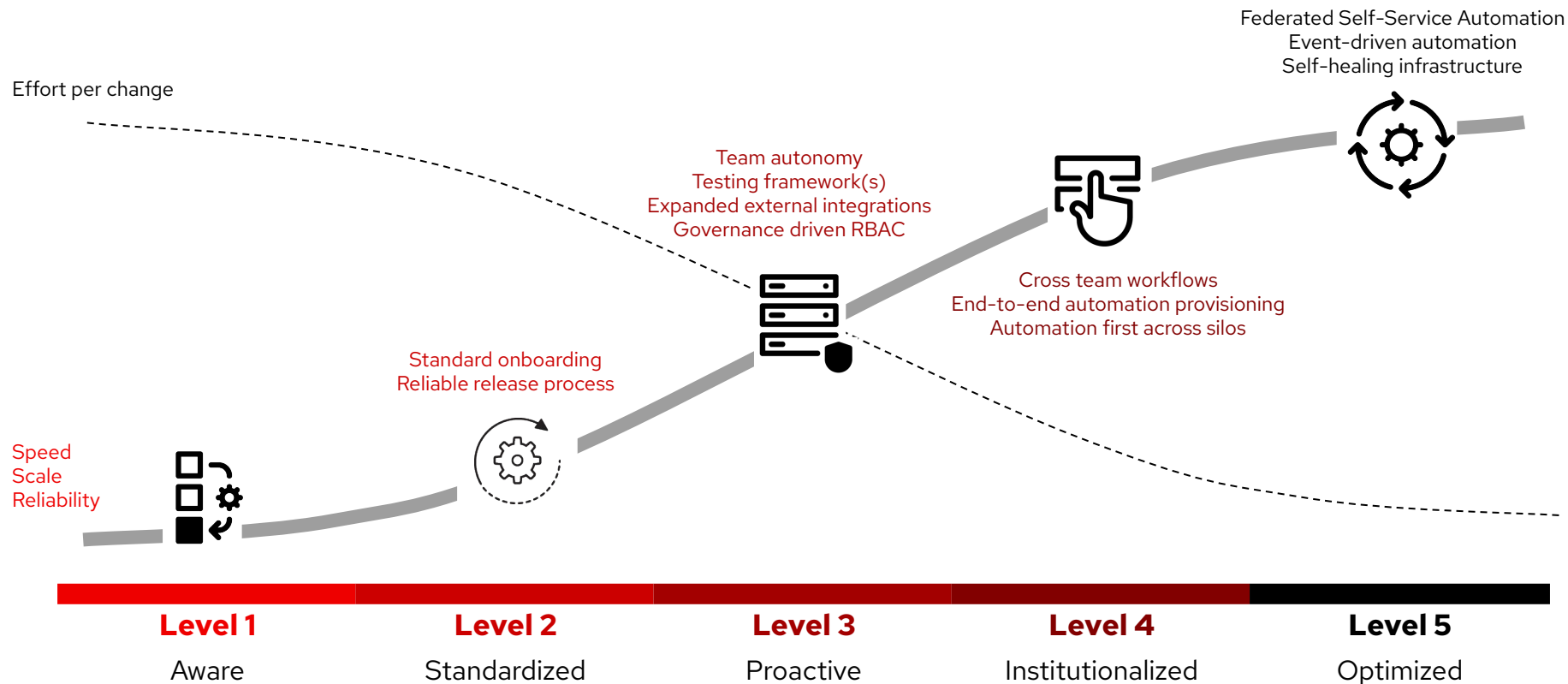
REDUCE SWIVEL CHAIR OPERATIONS

DEPLOY SELF-HEALING INFRASTRUCTURE

In conclusion



Assessing Organizational Maturity




In Conclusion

In the next 12-36 months

- > We expect more customers to build powerful **Intelligent Platforms** that join observability, AI & automation
- > You'll get farther, faster, when you **build shared value with other teams**. You can extend your impact on your organisations by joining up teams & helping your customers.
- > Automation starts with technical use cases. We will see **additional AI help** to accelerate automation creation & platform management
- > We expect **Platform Engineering** techniques to proliferate





What did I miss?
Come and tell me!

Come to the panel session at 15:00 to find out
learnings from Capgemini, CGI and Telia Cygate





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Thank you



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Ready to do more with Red Hat Ansible?

This curated collection of over 31 [hands-on, interactive experiences](#) offers a hands-on exploration of key Red Hat Ansible capabilities, along with tips + insights for getting the most out of automation initiatives across your organization.



- > Getting started with Ansible
- > AI Automation
- > Cloud Automation
- > Hashi + AAP
- > AAP Feature Highlights
- > OS Automation
- > Network Automation
- > Virtualization Automation





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Thank you



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