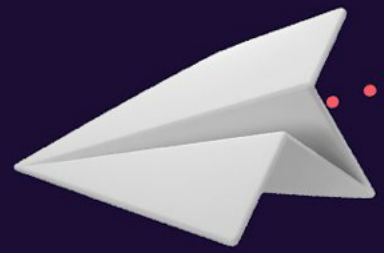
Ansible Automation Platform 2.7

What's New and What's Next



Jens Boivie

Specialist Solution Architect - Ansible

Red Hat

The Technology Landscape Has Changed

IT and security teams are under pressure:

- AI can discover thousands of vulnerabilities in days—faster than humans.
- Exploit development time has compressed dramatically from public CVE to working exploit in hours not weeks.
- The bottleneck is no longer finding—it's controlling an exposure before a fix exists.

45%

of vulnerabilities in large organizations remain unpatched after **12 months**.

Source: Centre for Emerging Technology and Security (Alan Turing Institute), 2025 – cited in CETAS analysis, April 2026.

Red Hat

The Path Forward – from Detection to Remediation

When a vulnerability drops, the window between discovery and remediation is where the risk lives. **Ansible closes that gap.**

Vulnerability lands. Ansible mitigates.

Respond before the patch is ready

- Rapidly identify affected systems for threat assessment.
- Enable workflows that isolate affected systems and disable exposed services automatically.
- Trigger increased alerting without human intervention.

Patch with confidence, when ready.

The full pipeline tested and validated.

- Patch vulnerabilities consistently when patches are ready using Ansible Automation Platform pipelines.
- Enable validations to ensure systems are back online before declaring success.
- Enable the ability to return to a known state with automated rollbacks.

Prove it worked. Every time.

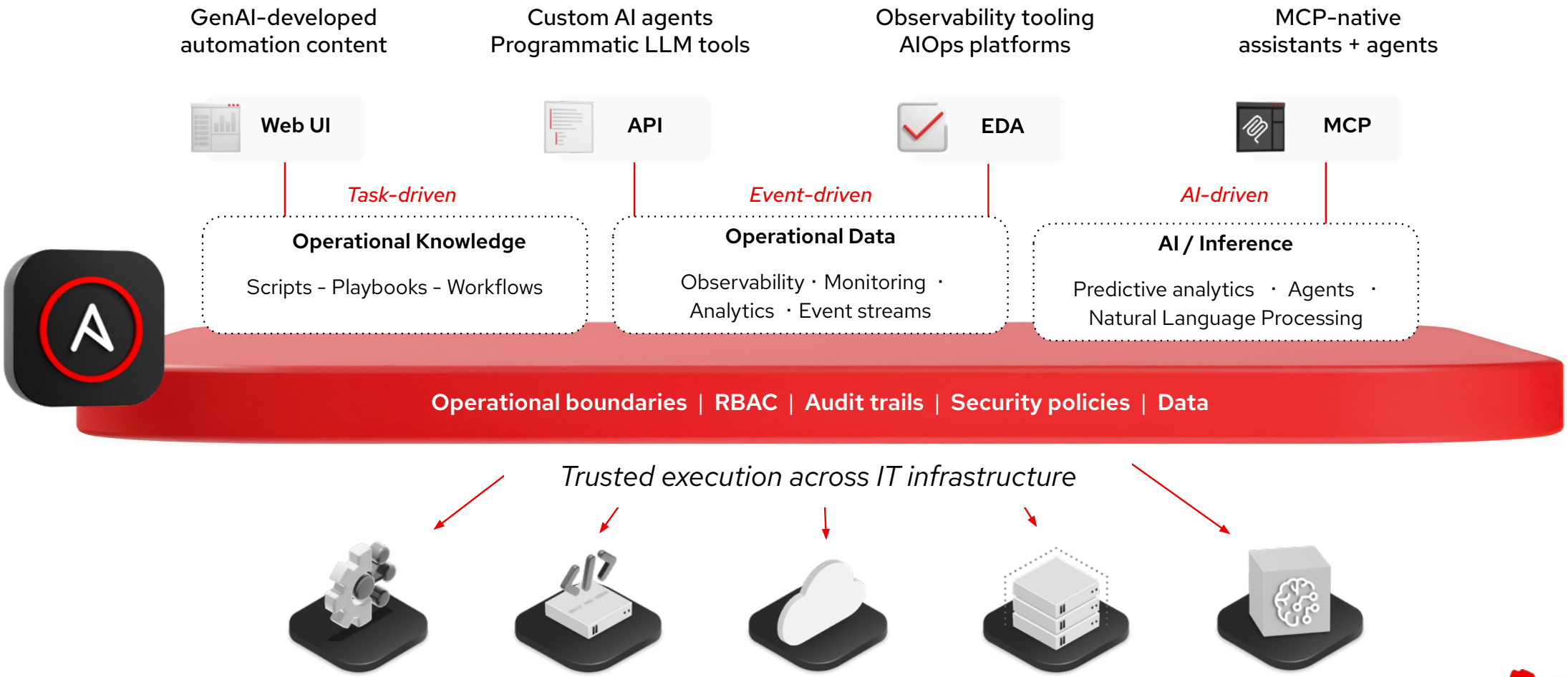
Formalize governance before you scale

- Record every action in your ITSM (detection, remediation, validation, rollback)
- Know exactly what's automated, what needs human approval, and who owns what.

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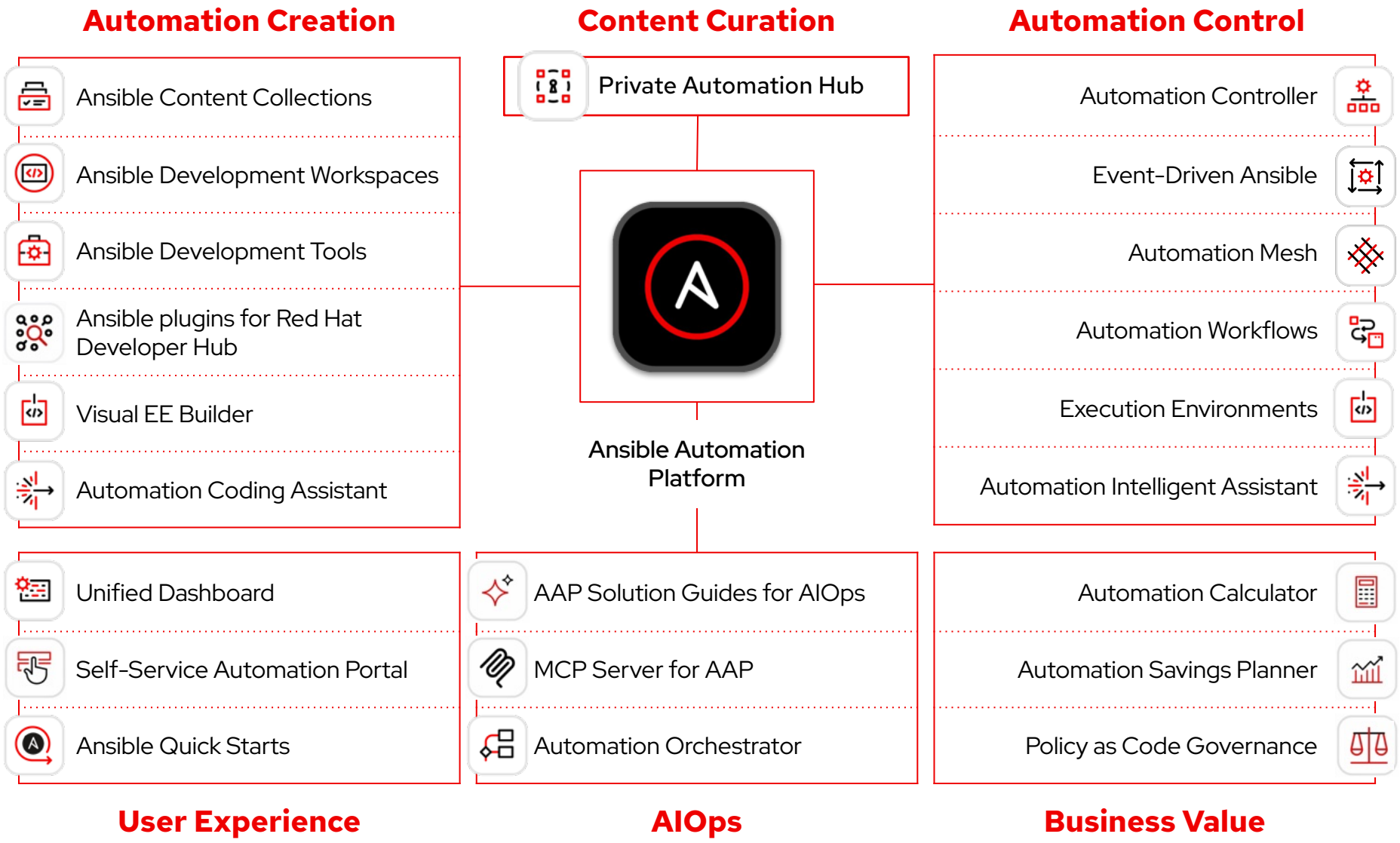
The future of IT automation is multimode

AI + agents are changing the way ITOps teams interact with infrastructure - and automation must evolve



Red Hat

An integrated solution for the enterprise.



Ansible Automation Platform 2.7

Automation that never stops advancing



Empower platform engineering

- **Visual execution environment builder** + **content discovery experience** in the automation portal.
- **MCP server-based assistant in Ansible VS Code extension** provides faster building and debugging of automation content.
- **Ansible development workspaces** includes integrated development tools for content creation and testing based on best practices.



Drive automation adoption and scale

- **Intelligent assistant supports "bring-your-own-knowledge"** for more relevant model responses.
- **Automation dashboard** can be accessed directly within the platform UI.
- AAP now acts as an **OIDC identity provider** for HashiCorp Vault.



Unlock AI-driven automation

- Leverage official **MCP server for Ansible Automation Platform**.
- AAP solution guides for **AIOps workflows** (IBM Instana, ServiceNow, and Splunk)

Additional enhancements

- **EDA:** In-flight rulebook event persistence increases rulebook resiliency; project synchronization allows resync option on restarts
- The **self-service automation portal** can now be deployed on **RHEL 9/10.**
- **New Ansible Content Collections** for Windows, Splunk, Cisco, and more
- **Ansible MCP server plugin** to integrate AI agents directly into playbooks
- **Ansible Core 2.20** with Python modernization, new playbook capabilities, and more.

...and one more thing

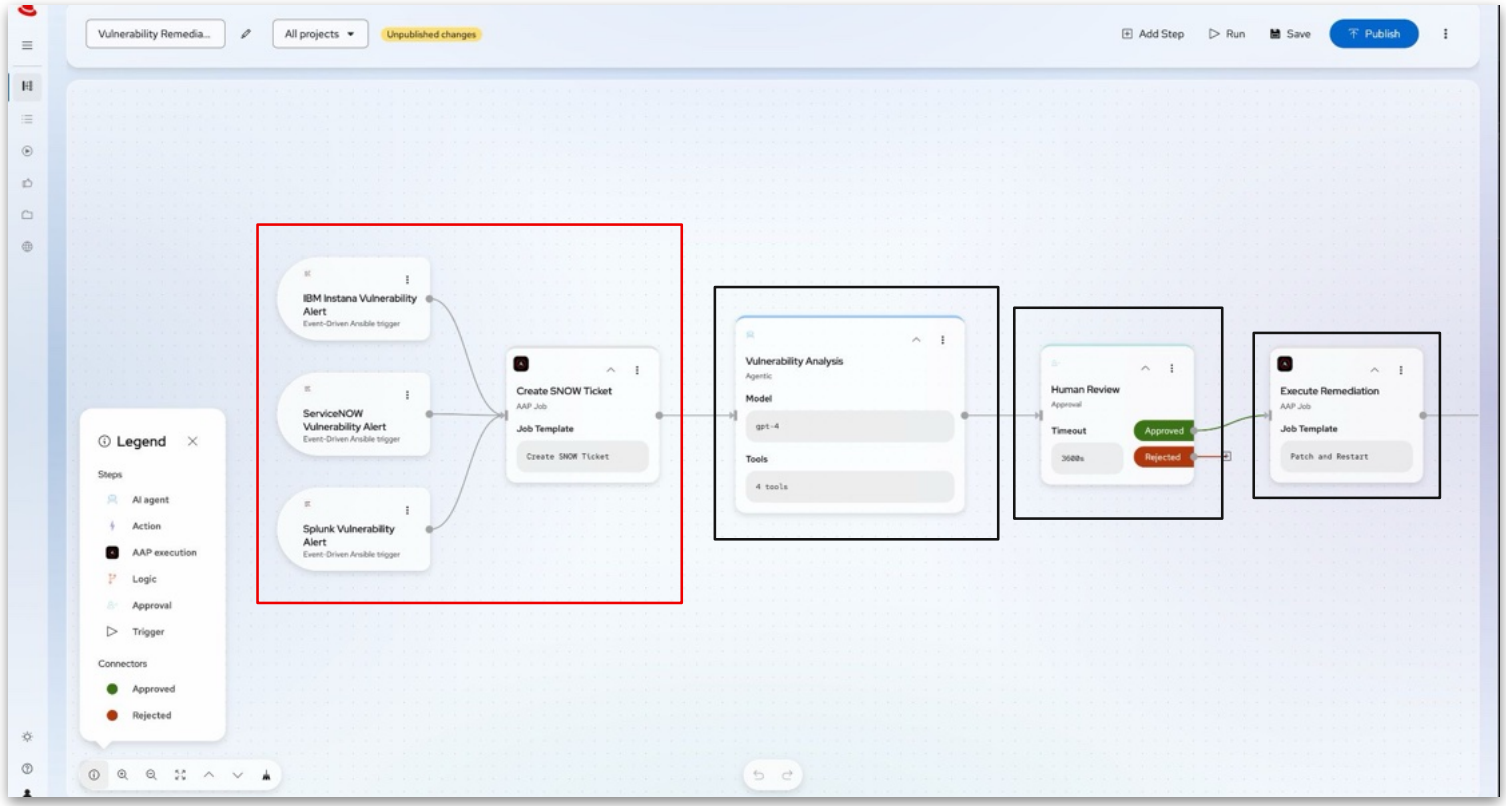
Automation Orchestrator

The unified experience for AI-driven IT operations

One governed workflow, end-to-end.

Connects event detection, AI reasoning and deterministic execution in a single auditable pipeline.

Seamless orchestration of disparate tools and processes.



- ✓ **AI recommends**
- ✓ **Humans approve**
- ✓ **Automation executes**

AI isn't improvising against production infrastructure, it's acting *through* AAP.

Built for every automation persona

Intuitive GUI-based experience for platform engineers and IT operators; headless API and MCP integrations for automation developers

Test drive at red.ht/AO-demo

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Ansible Automation
Platform

Automation Orchestrator Demo

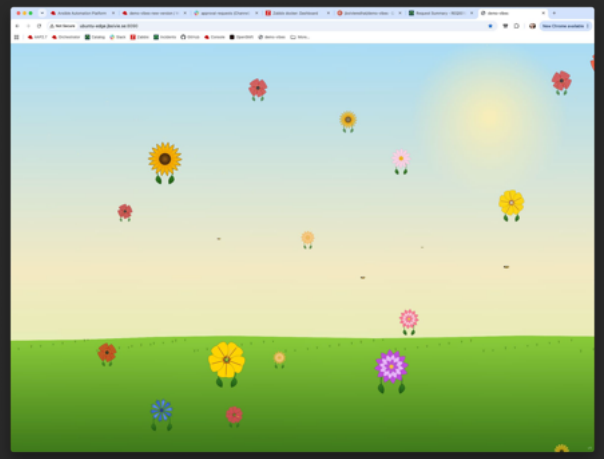


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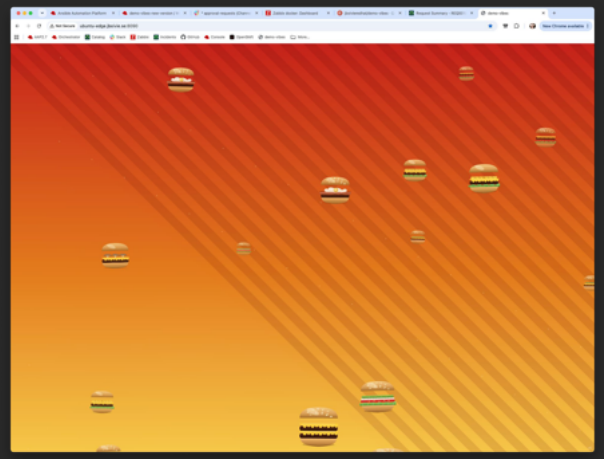


So I created a Claude Code project...

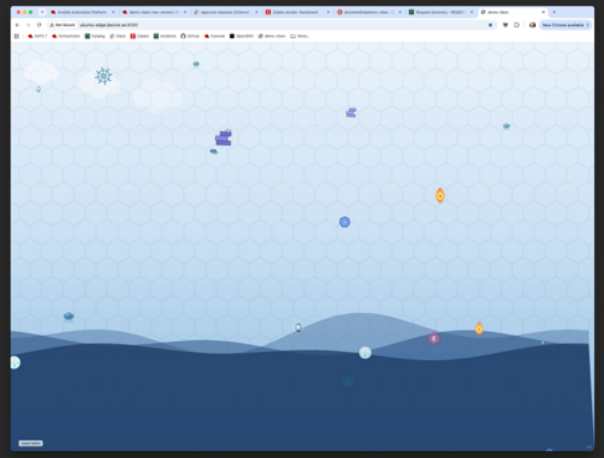




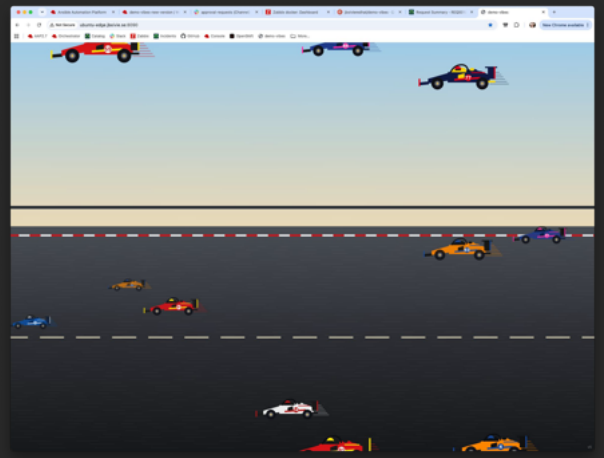
"could you make a remix with summer flowers instead."



"for this remix I want different types of hamburgers."

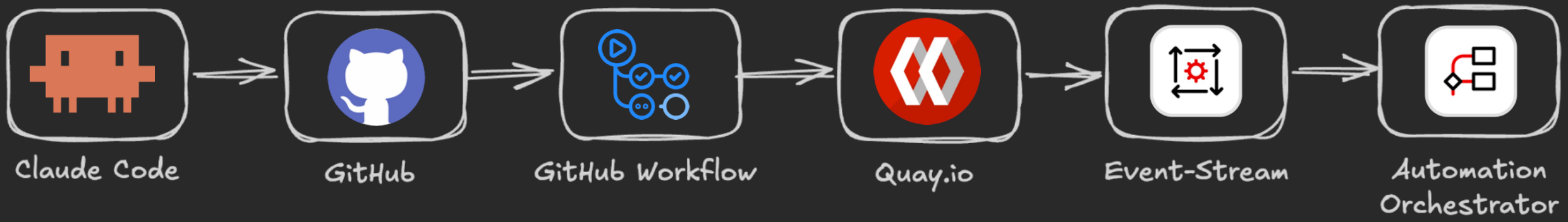


"make a remix with Container Native Foundation project logos."

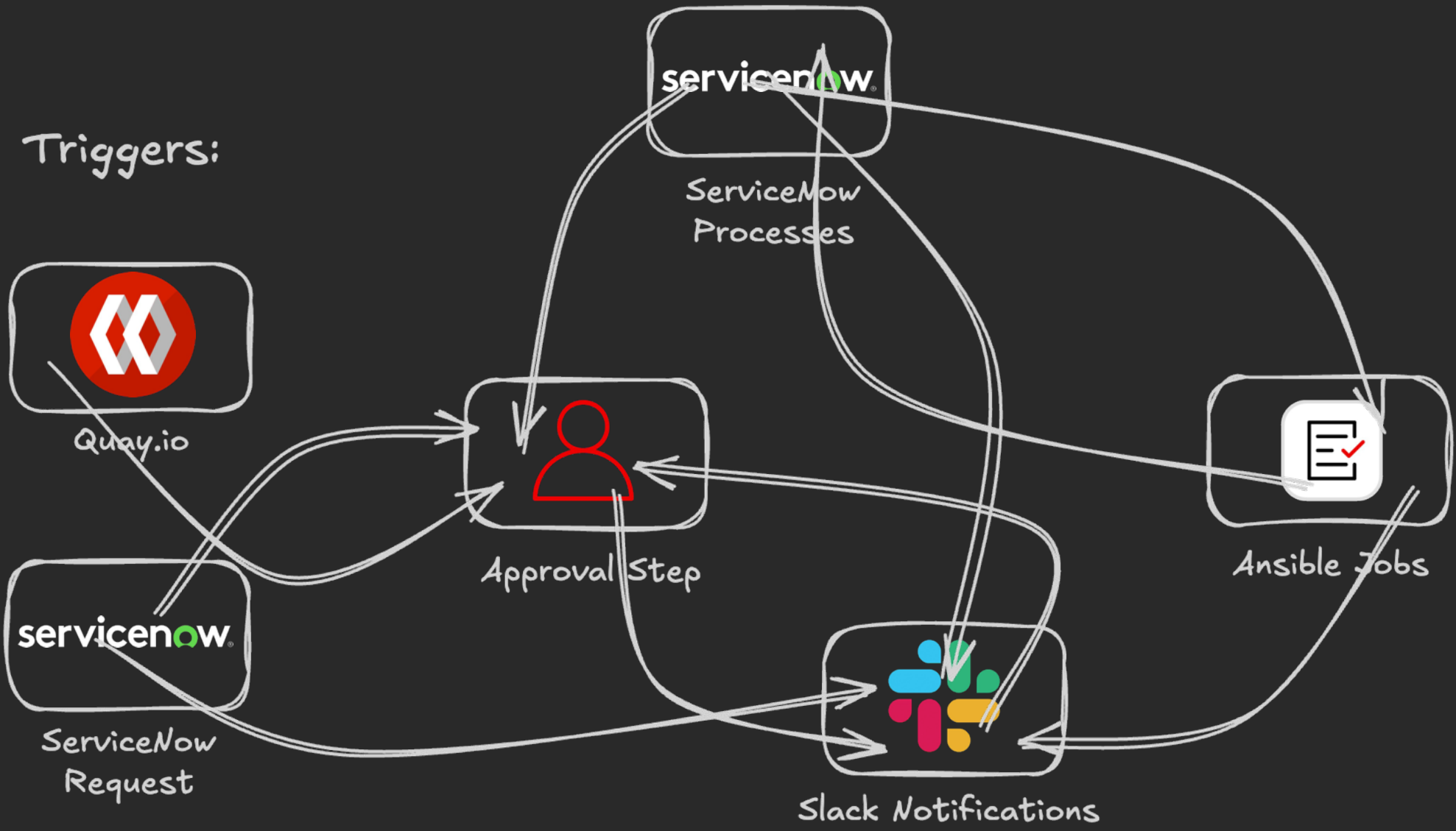


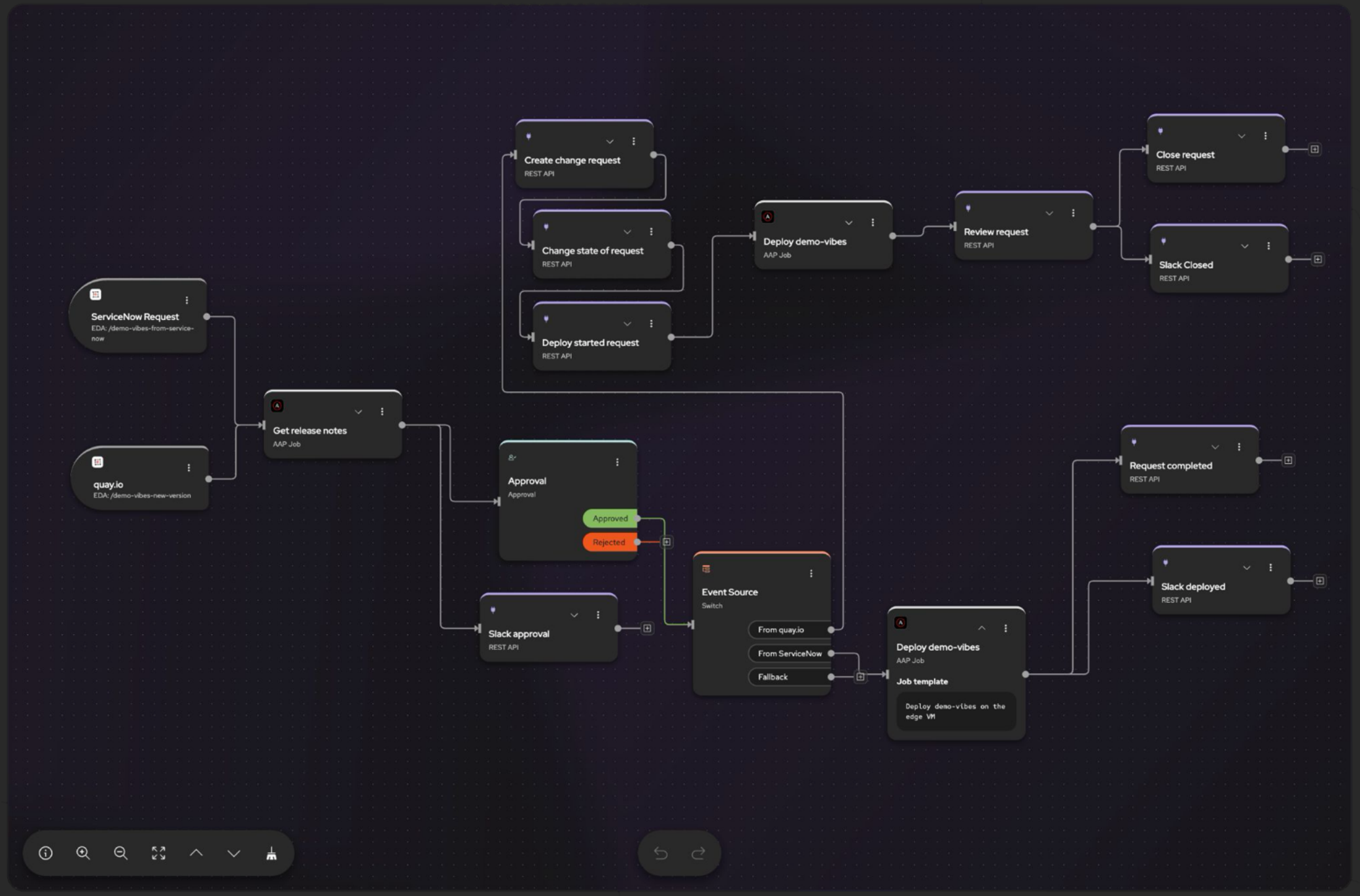
"for this remix I want formula 1 cars instead."

The Deploy Process



Automation Orchestrator Deployment Workflow

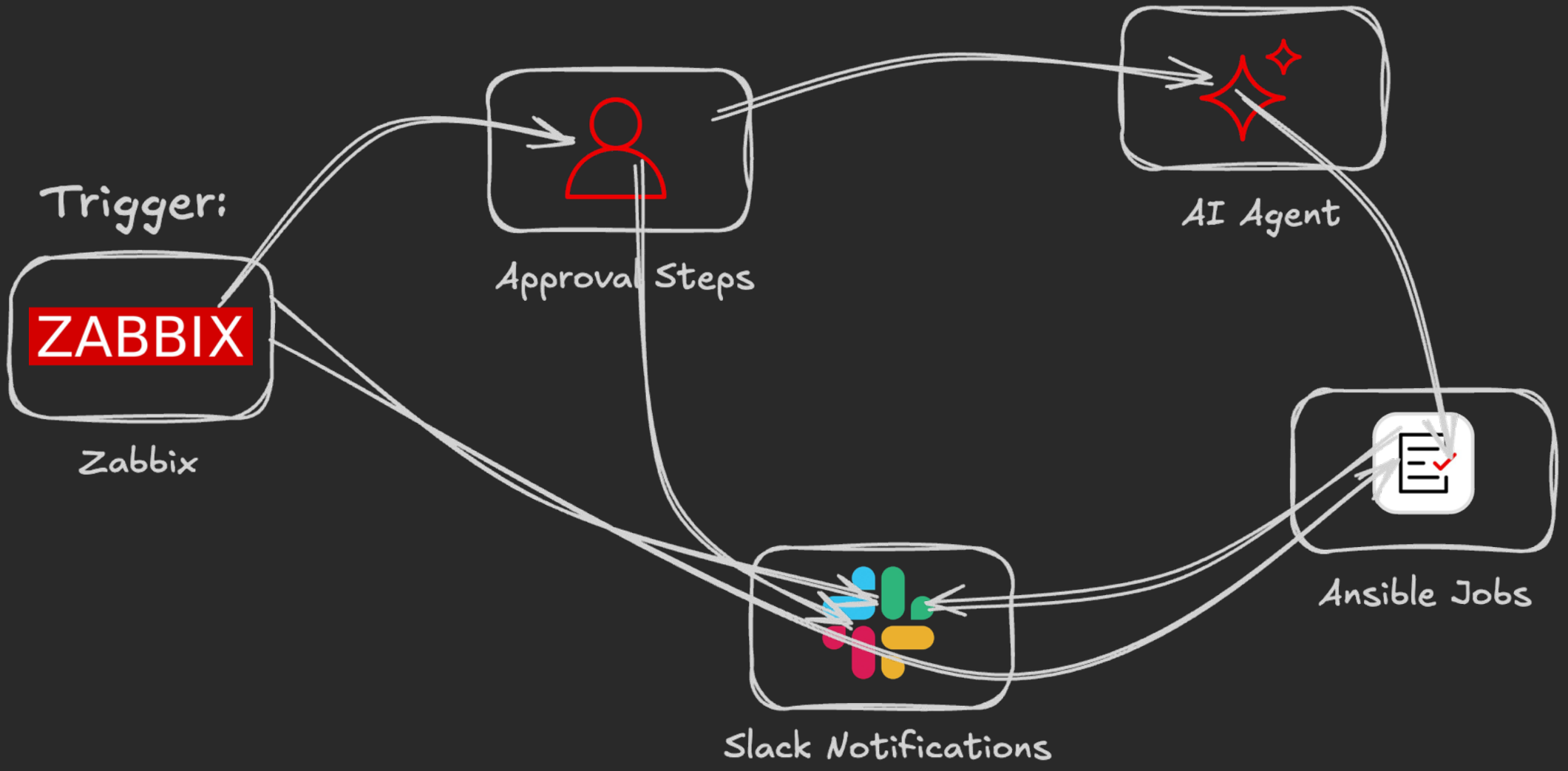


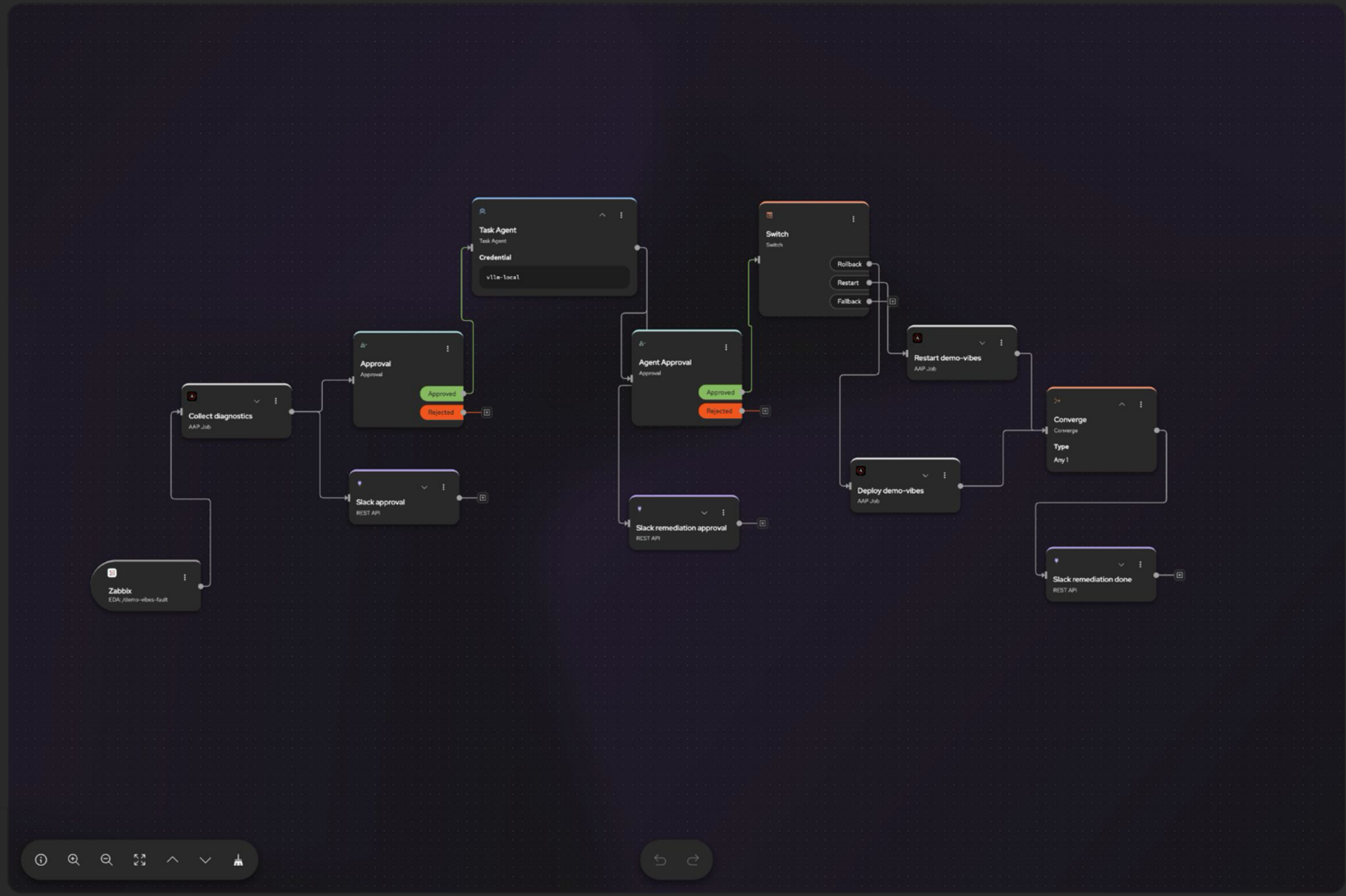

Create change request
REST API
Change state of request
REST API
Deploy started request
REST API
Deploy demo-vibes
AAP Job
Review request
REST API
Close request
REST API
Slack Closed
REST API
ServiceNow Request
EDA: /demo-vibes-from-service-now
quay.io
EDA: /demo-vibes-new-version
Get release notes
AAP Job
Approval
Approval
Approved
Rejected
Slack approval
REST API
Event Source
Switch
From quay.io
From ServiceNow
Fallback
Deploy demo-vibes
AAP Job
Job template
Deploy demo-vibes on the edge VM
Request completed
REST API
Slack deployed
REST API

"But how about monitoring???
This app is critical for the company"



Automation Orchestrator Monitoring Workflow




Task Agent
Task Agent
Credential
vllm-local
Switch
Switch
Rollback
Restart
Fallback
Approval
Approval
Approved
Rejected
Agent Approval
Approval
Approved
Rejected
Restart demo-vibes
AAP Job
Collect diagnostics
AAP Job
Converge
Converge
Type
Any 1
Slack approval
REST API
Deploy demo-vibes
AAP Job
Slack remediation approval
REST API
Zabbix
EDA: /demo-vibes-fault
Slack remediation done
REST API

Automation orchestrator | **Composable, connected workflows**

Don’t rebuild - expand - with a control plane for orchestrating your entire stack

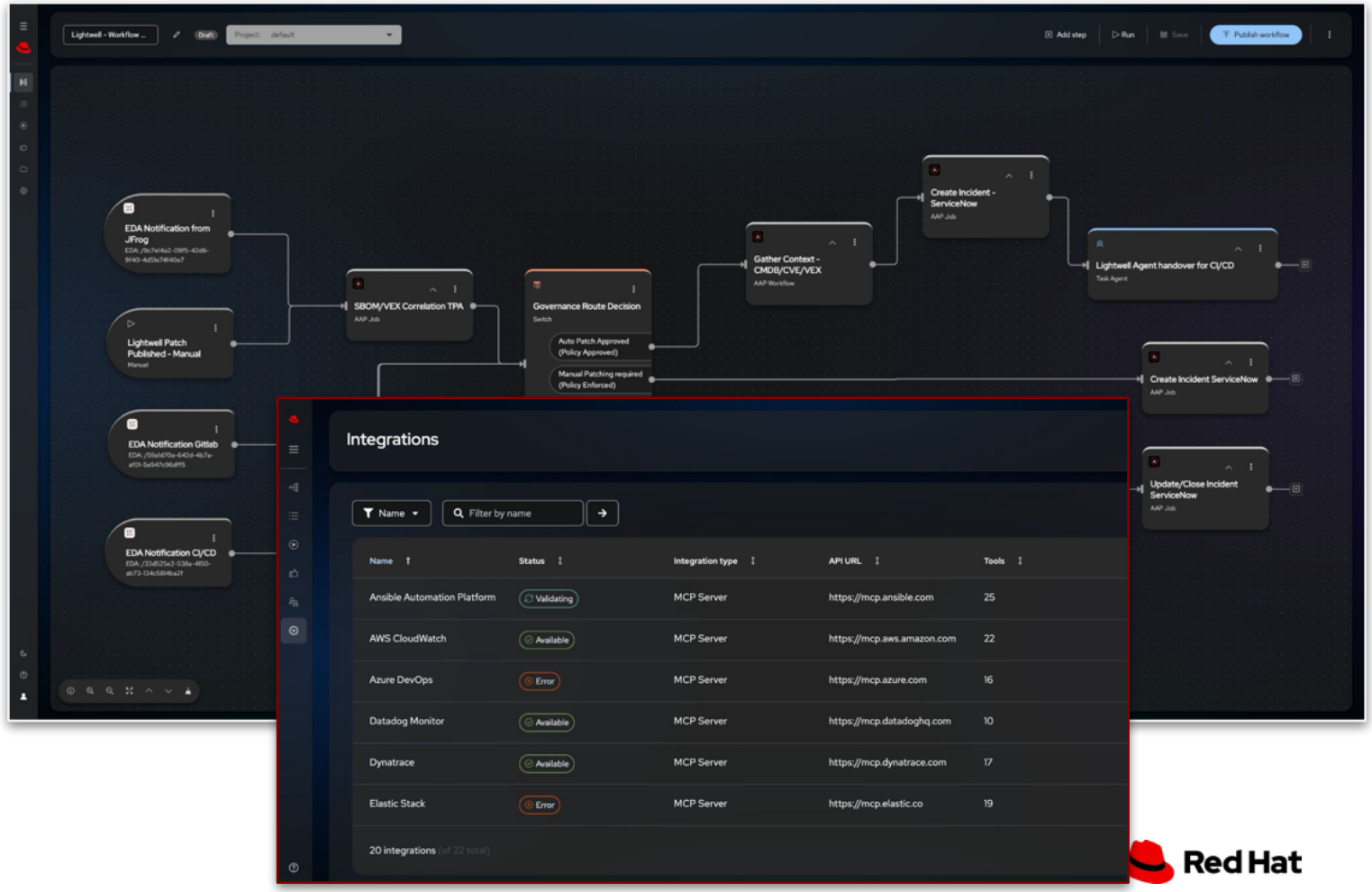
Existing AAP content
Use all of your existing job templates, roles, and collections immediately, with zero re-writes required.

REST APIs
Easily add nodes from any HTTP-accessible service. (ServiceNow, Jira, PagerDuty, and more). Add Python & Bash scripts via containerized, isolated execution environments.

Cloud provider CLIs
Multi-cloud and hybrid cloud management from one canvas with AWS, Azure and GCP CLI integrations.

MCP servers
AI agents connect to enterprise tools via Model Context Protocol.

Ecosystem Integrations
Future delivered features will include native integrations to popular third party solutions





Thank you

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