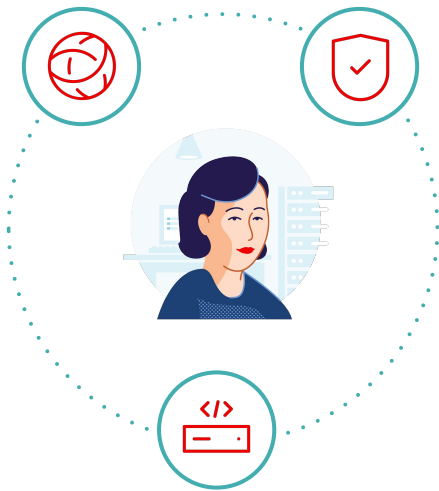




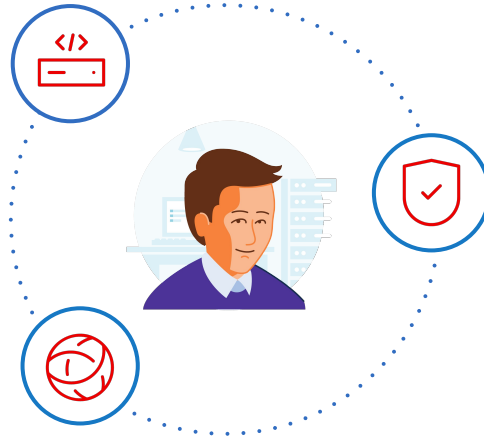
Ansible Automation

Many organizations share the same challenge

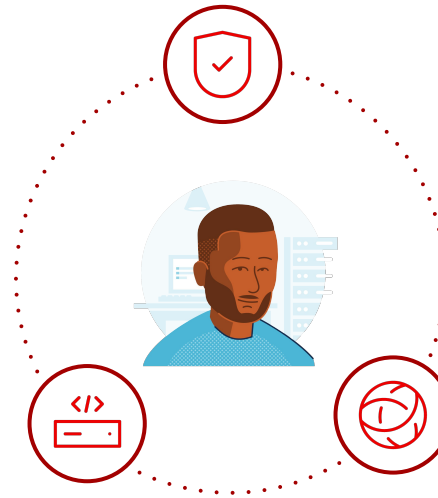
Too many unintegrated, domain-specific tools



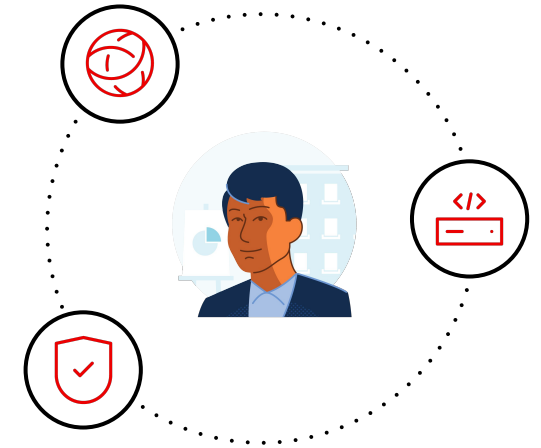
Network ops



SecOps

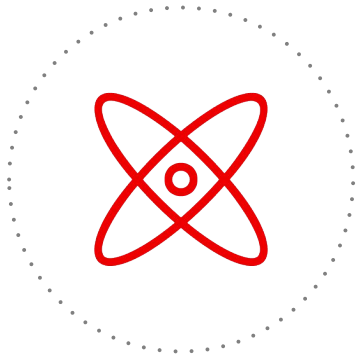


Devs/DevOps



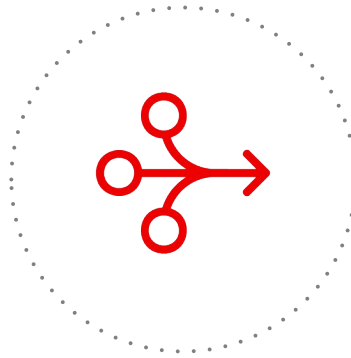
IT ops

Why the Ansible Automation Platform?



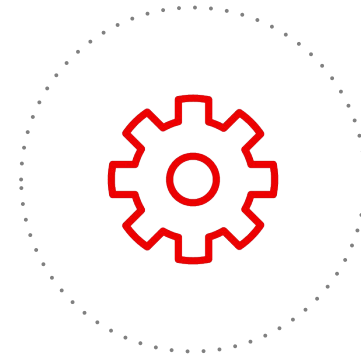
Powerful

Orchestrate complex processes at enterprise scale.



Simple

Simplify automation creation and management across multiple domains.



Agentless

Easily integrate with hybrid environments.

Automate the deployment and management of automation

Your entire IT footprint

Do this...

Orchestrate

Manage configurations

Deploy applications

Provision / deprovision

Deliver continuously

Secure and comply

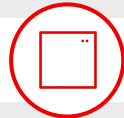
On these...



Firewalls



Load balancers



Applications



Containers



Virtualization platforms



Servers



Clouds



Storage



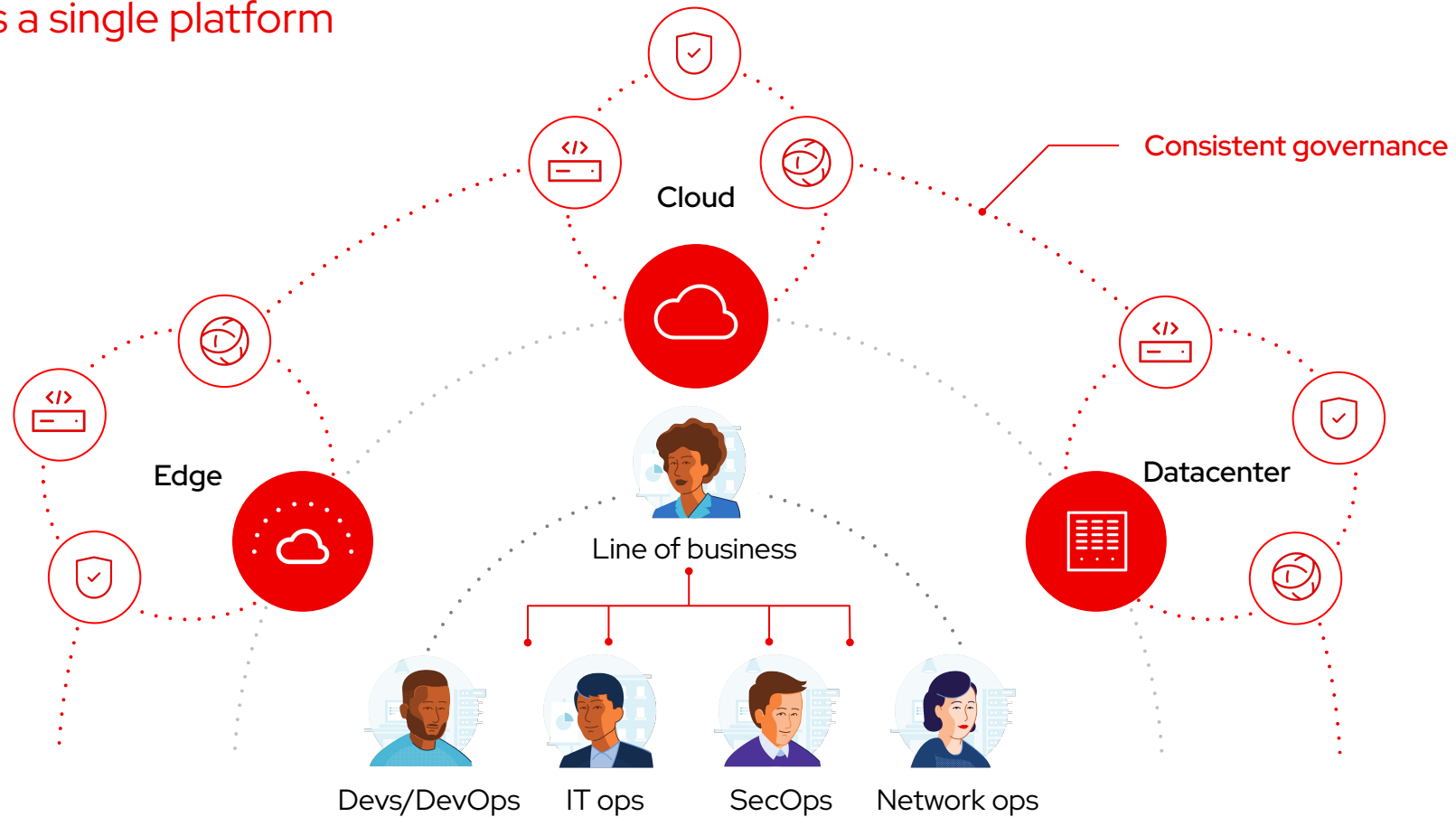
Network devices

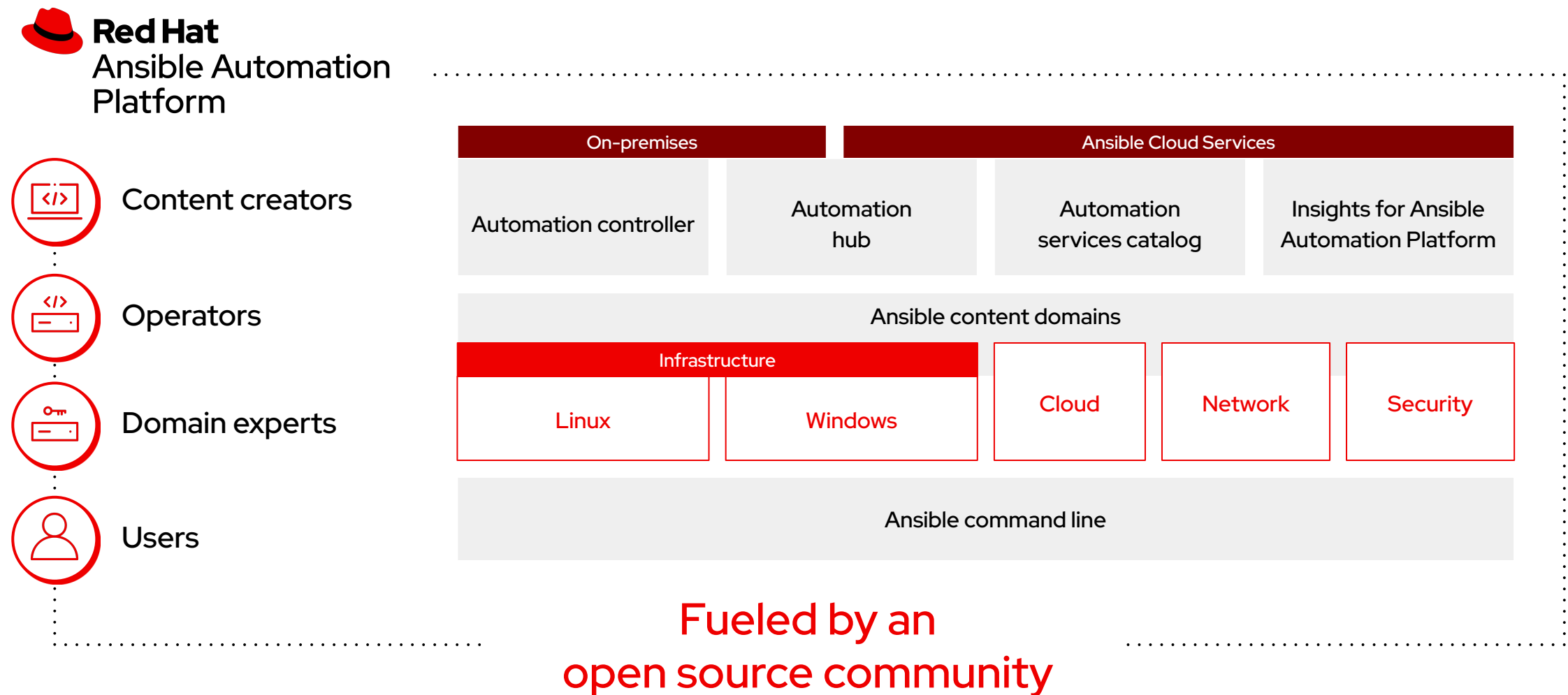


And more ...

Break down silos

Different teams a single platform





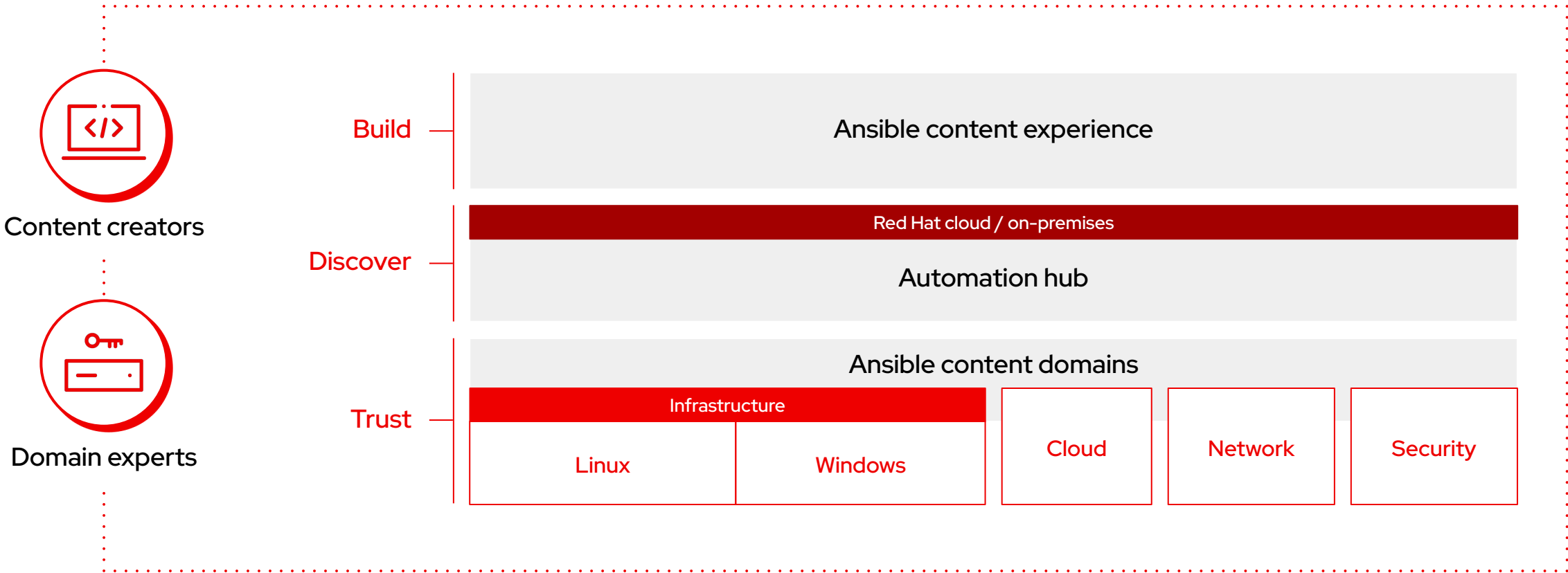


Red Hat
Ansible Automation
Platform

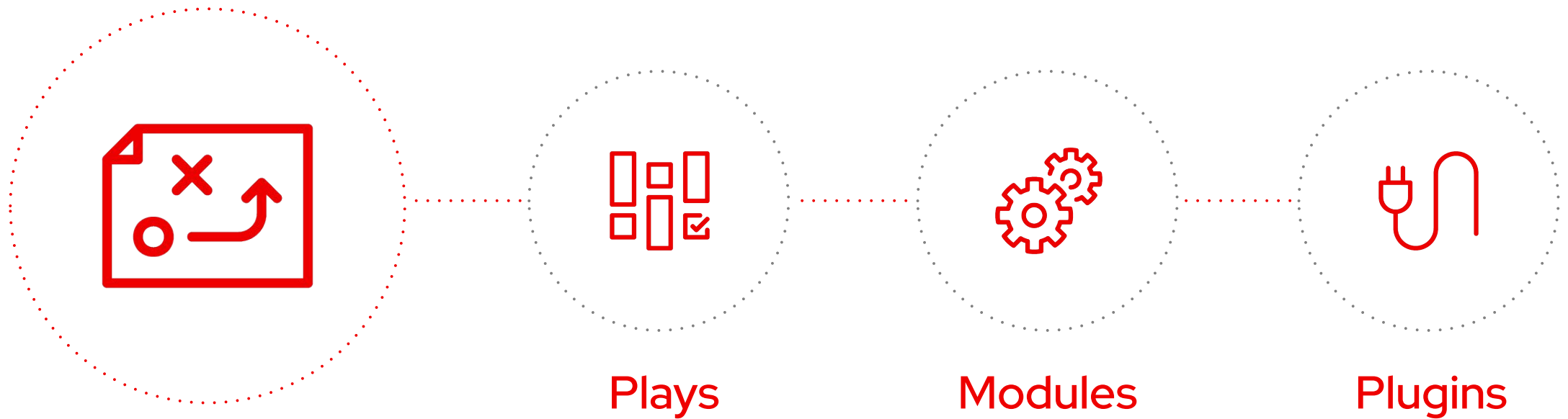
Ansible Basics

Create

The automation lifecycle



What makes up an Ansible playbook?



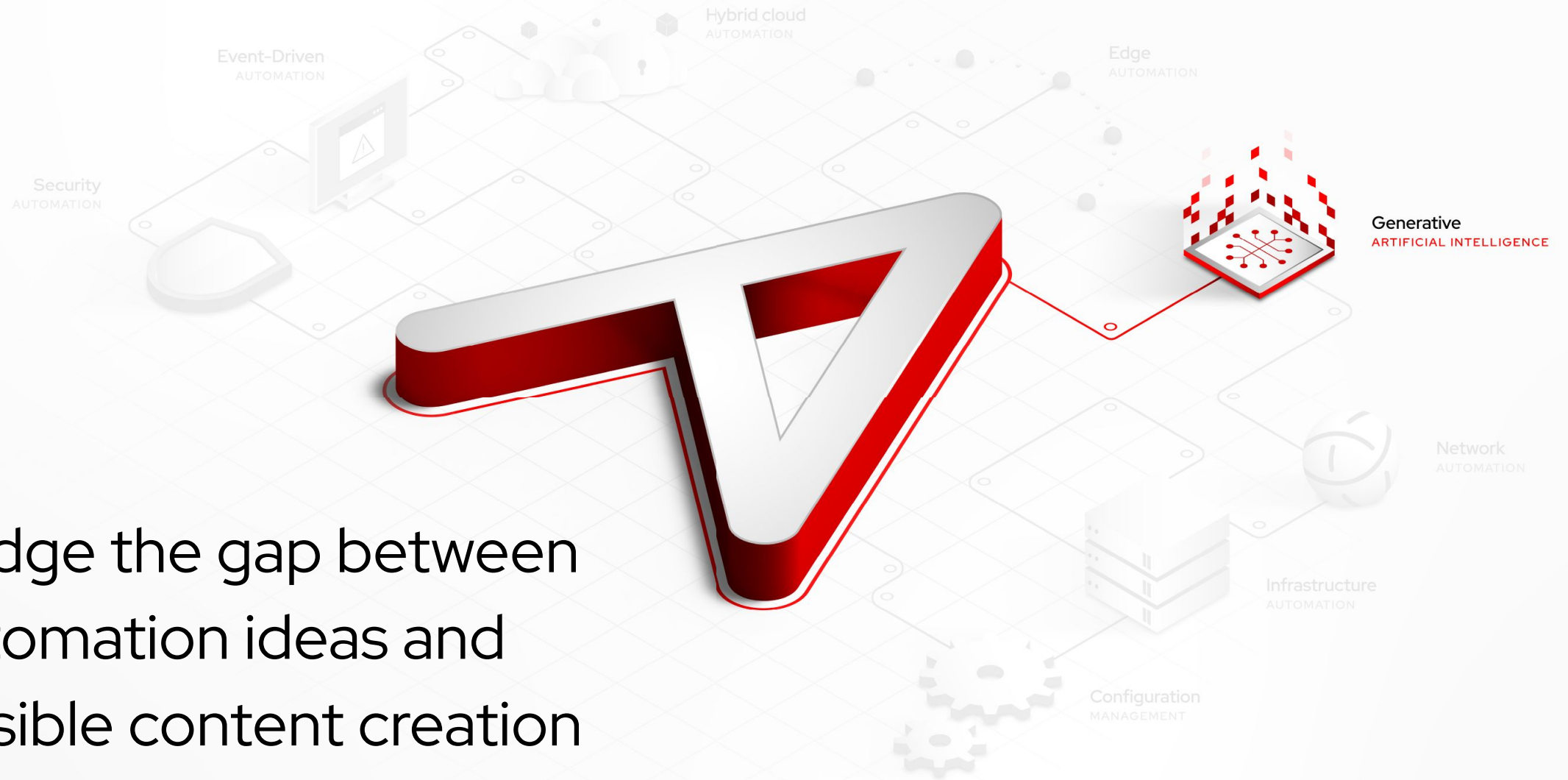


```
nginx_core
├── MANIFEST.json
├── playbooks
│   └── deploy-nginx.yml
├── ...
├── plugins
├── README.md
├── roles
│   └── nginx
│       ├── defaults
│       ├── files
│       │   └── ...
│       ├── tasks
│       └── templates
│           └── ...
├── nginx_app_protect
└── nginx_config
```

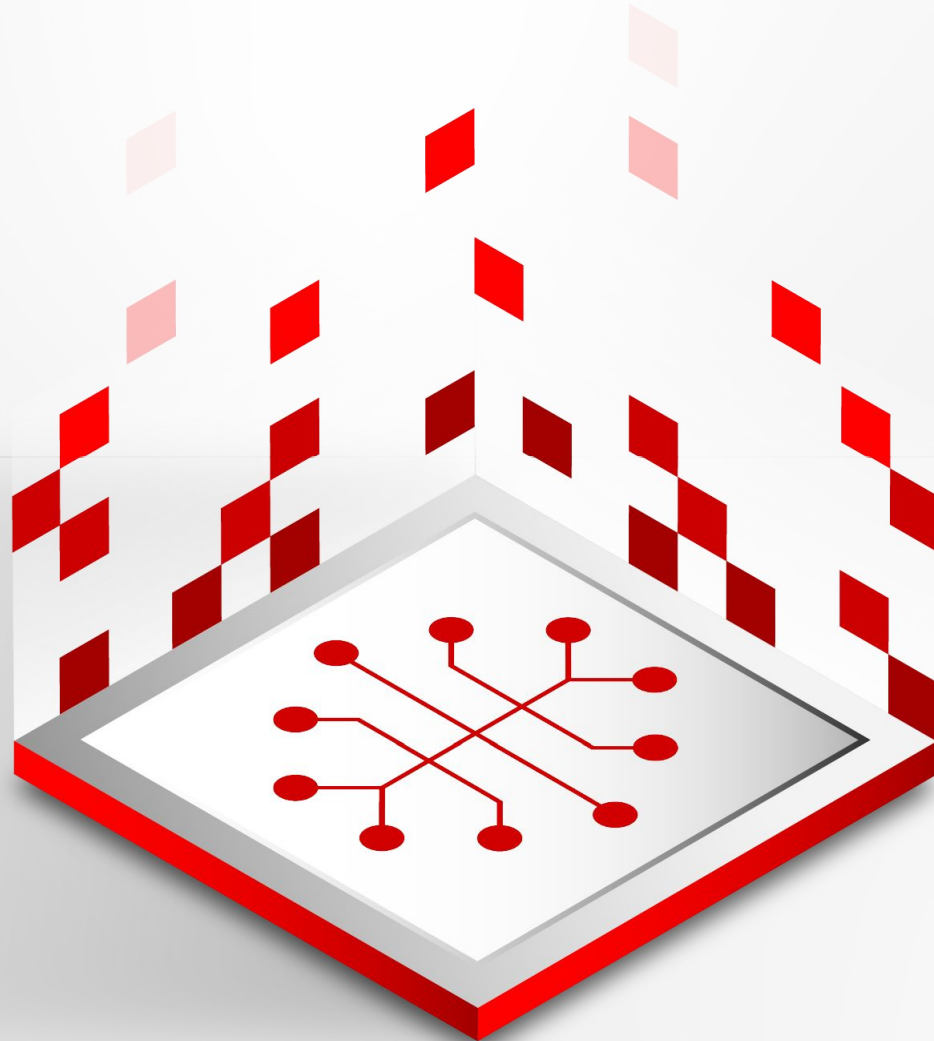
deploy-nginx.yml

```
---
- name: Install NGINX Plus
  hosts: all
  tasks:
    - name: Install NGINX
      include_role:
        name: nginxinc.nginx
      vars:
        nginx_type: plus

    - name: Install NGINX App Protect
      include_role:
        name: nginxinc.nginx_app_protect
      vars:
        nginx_app_protect_setup_license: false
        nginx_app_protect_remove_license: false
        nginx_app_protect_install_signatures: false
```



Bridge the gap between
automation ideas and
Ansible content creation



Better code is the key to
unlocking automation
acceleration

Code that **scales across domains**

Code that **meets the varied
needs of the teams using it**

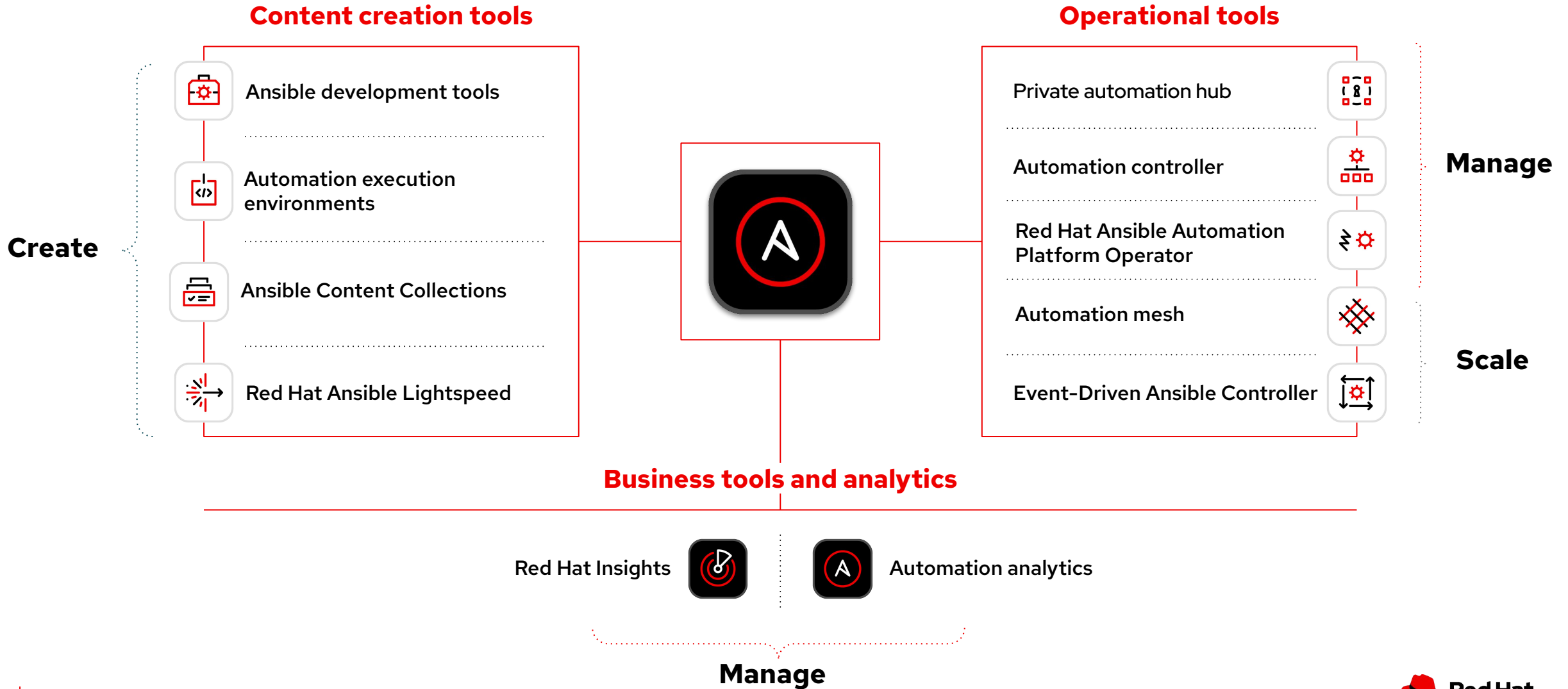
Code that **trusted** and **well
maintained**

Red Hat Ansible Lightspeed

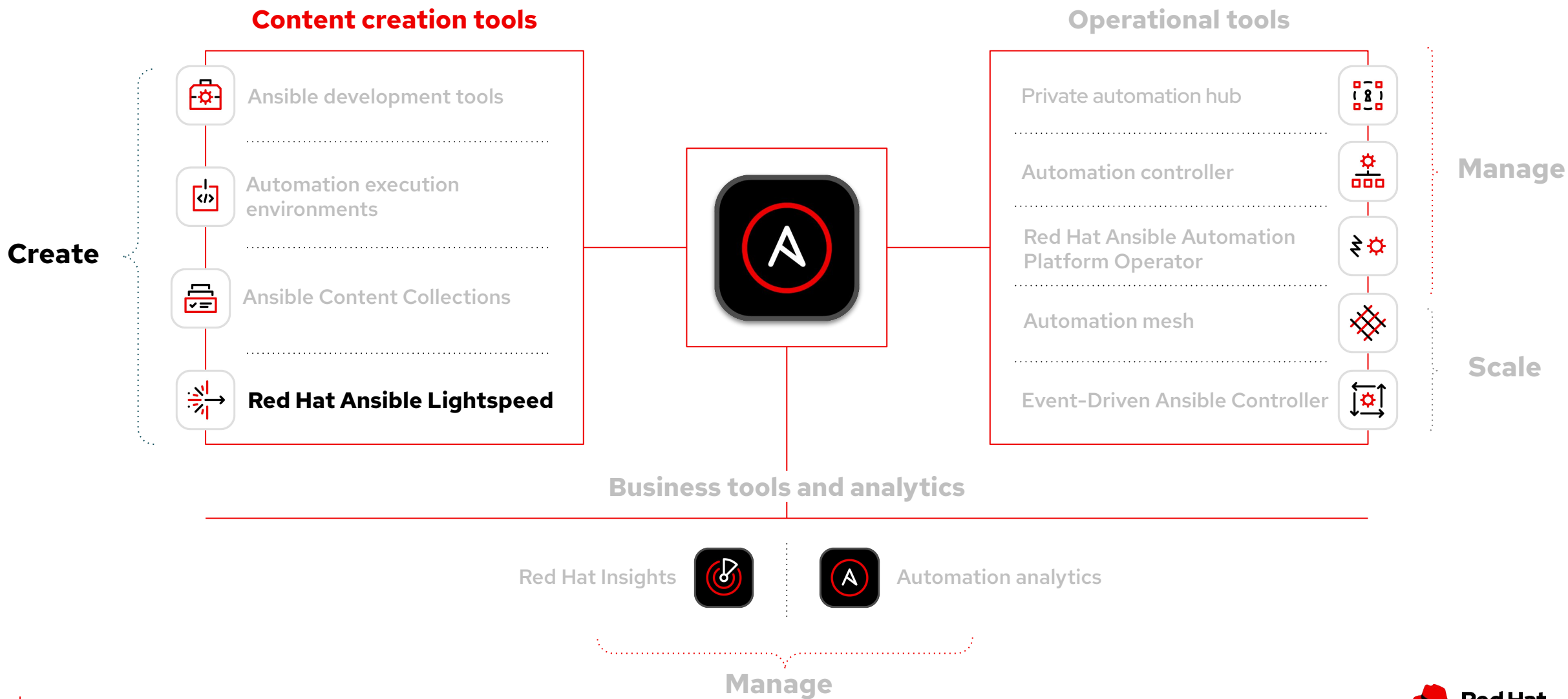
with IBM watsonx Code Assistant



Red Hat Ansible Automation Platform



Red Hat Ansible Automation Platform





Red Hat Ansible Lightspeed with IBM watsonx Code Assistant

The developer interface

Deployed natively in Visual Studio Code via the Ansible VS Code extension


The integrated service


Integration of AI services into Ansible Automation Platform via the Ansible VS Code extension


The generative AI


IBM watsonx Code Assistant powered by the Ansible-specific watsonx.ai foundation model

Thank you

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 twitter.com/ansible

 github.com/ansible