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Open Tour

Conectando personas y soluciones
para acelerar tu negocio

Madrid

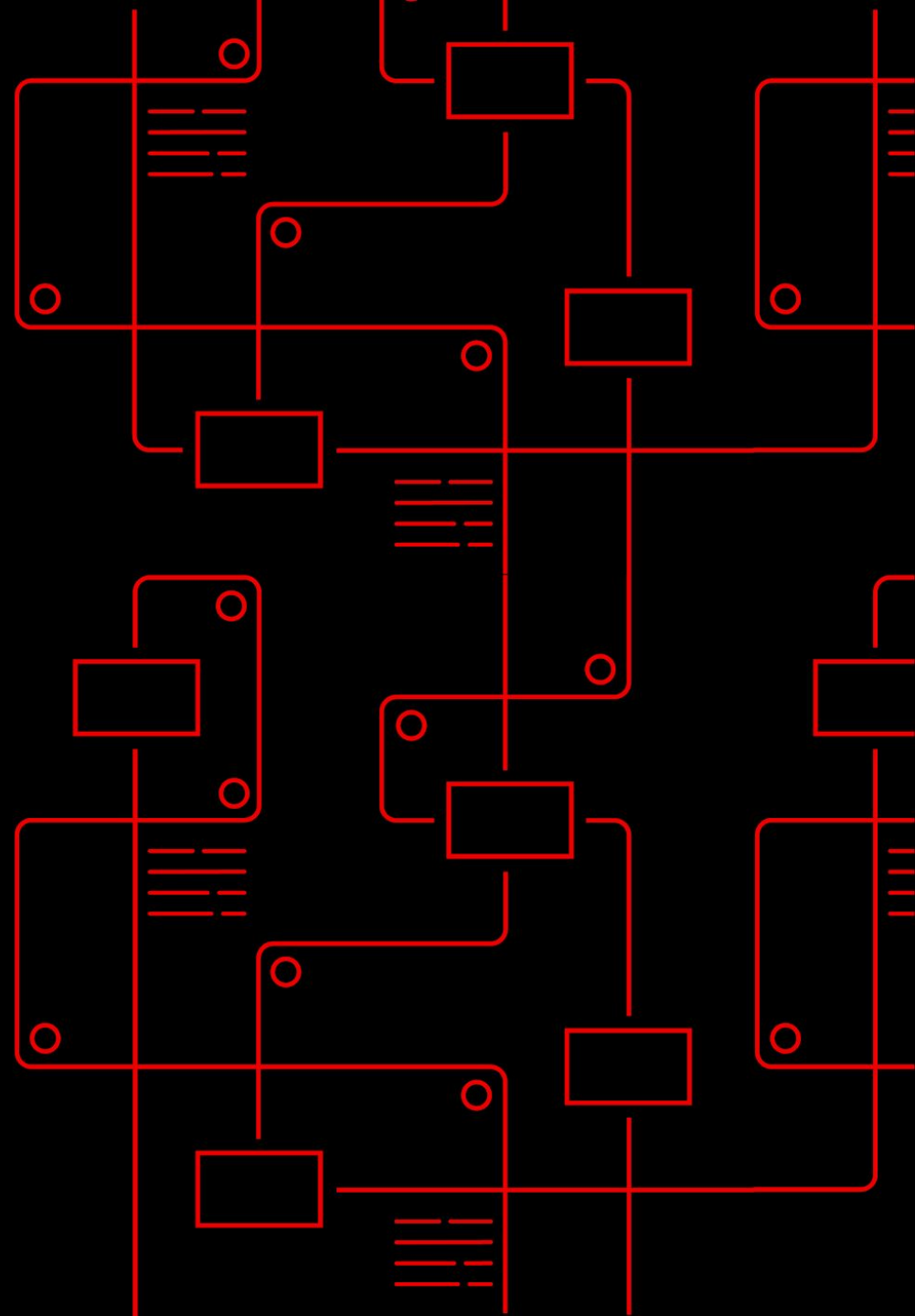
18 de Mayo de 2023

Beneficios de automatizar el TI

Pablo Ráez

Automation BDM

Why are companies automating?



Does any of this feel familiar?

"How do we go faster?"

"We need to automate across on premises and cloud."

Operational challenges

"Is automation secure?"

"How do we scale?"

"How do we build automation communities?"

"We can't hire."

Skills gaps

"Our team is overworked."

"People are leaving for other opportunities."

"We already have too many tools to maintain"

Budgetary pressures

"Budgets are shrinking."

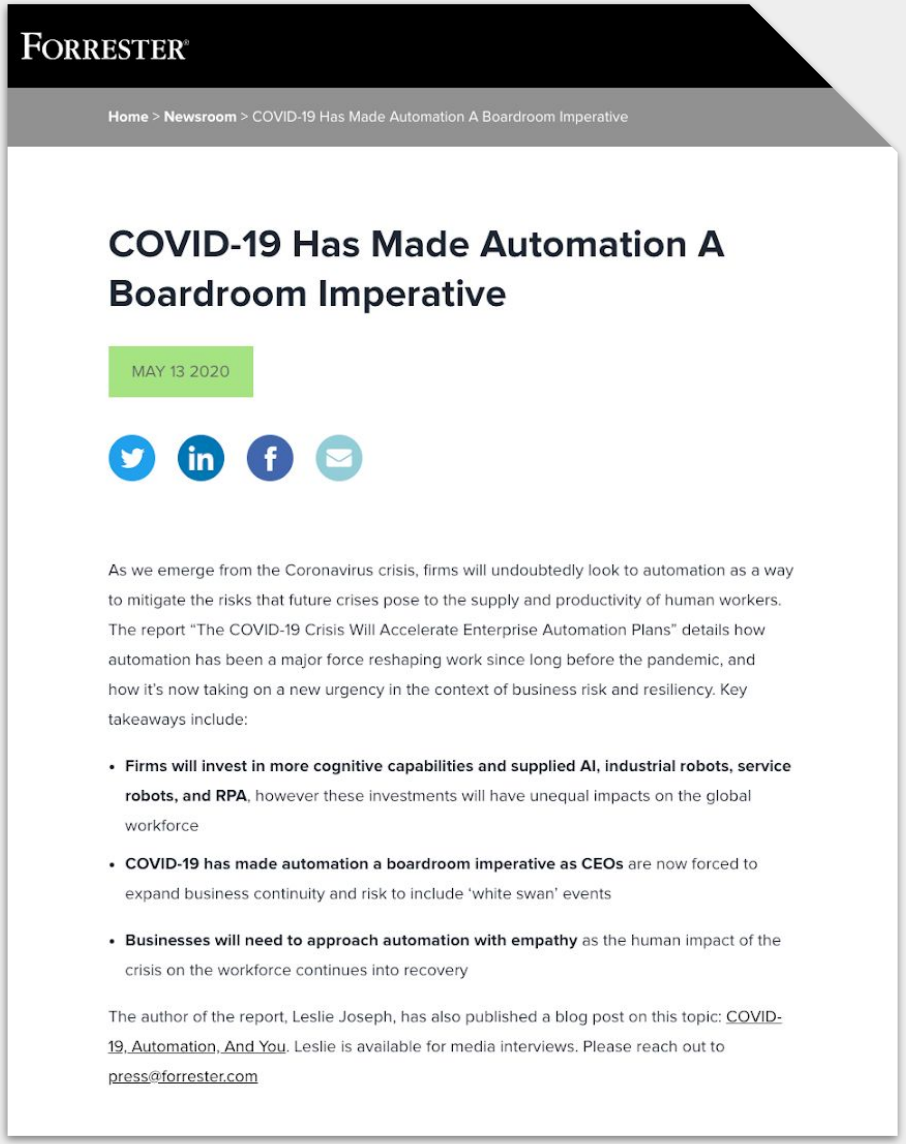
~~Automation is a tool.~~

~~Automation is tactical.~~

Automation is strategic.

According to **Forrester Research…**

"Automation is now a boardroom imperative."



FORRESTER®

Home > Newsroom > COVID-19 Has Made Automation A Boardroom Imperative

COVID-19 Has Made Automation A Boardroom Imperative

MAY 13 2020

As we emerge from the Coronavirus crisis, firms will undoubtedly look to automation as a way to mitigate the risks that future crises pose to the supply and productivity of human workers. The report "The COVID-19 Crisis Will Accelerate Enterprise Automation Plans" details how automation has been a major force reshaping work since long before the pandemic, and how it's now taking on a new urgency in the context of business risk and resiliency. Key takeaways include:

- **Firms will invest in more cognitive capabilities and supplied AI, industrial robots, service robots, and RPA**, however these investments will have unequal impacts on the global workforce
- **COVID-19 has made automation a boardroom imperative as CEOs** are now forced to expand business continuity and risk to include 'white swan' events
- **Businesses will need to approach automation with empathy** as the human impact of the crisis on the workforce continues into recovery

The author of the report, Leslie Joseph, has also published a blog post on this topic: COVID-19, Automation, And You. Leslie is available for media interviews. Please reach out to press@forrester.com

Where are you on that journey to optimize or transform?

Every automation journey starts somewhere

Level 1

- No trust
- No accountability
- No customer focus
- No collaboration
- Manual tools and processes
- No metrics
- Reactionary

Level 2

- Starting to trust
- Evaluating accountability
- Starting to collaborate
- Starting to focus on customers
- Evaluating metrics
- Still reactionary
- Evaluating tools and processes

Level 3

- Basic level of trust between org units
- Starting to hold one's org unit accountable
- Starting to journey map customer experience
- Implementation of basic automation tools
- Implementing simple metrics
- Starting to predict workloads and business impact

Level 4

- High degree of trust
- Holding other orgs accountable
- Steadfast collaboration
- Mapped customer experience
- Evaluating full software release automation
- Starting to tie metrics to customer experience
- Predicting demand management accurately

Level 5

- Everyone holds each other accountable across org units
- Collaboration throughout the software delivery lifecycle
- Customer experience ties directly to business technology objectives
- Full software release automation is employed
- Demand management predictions are accurate and in real time

Forrester maturity model

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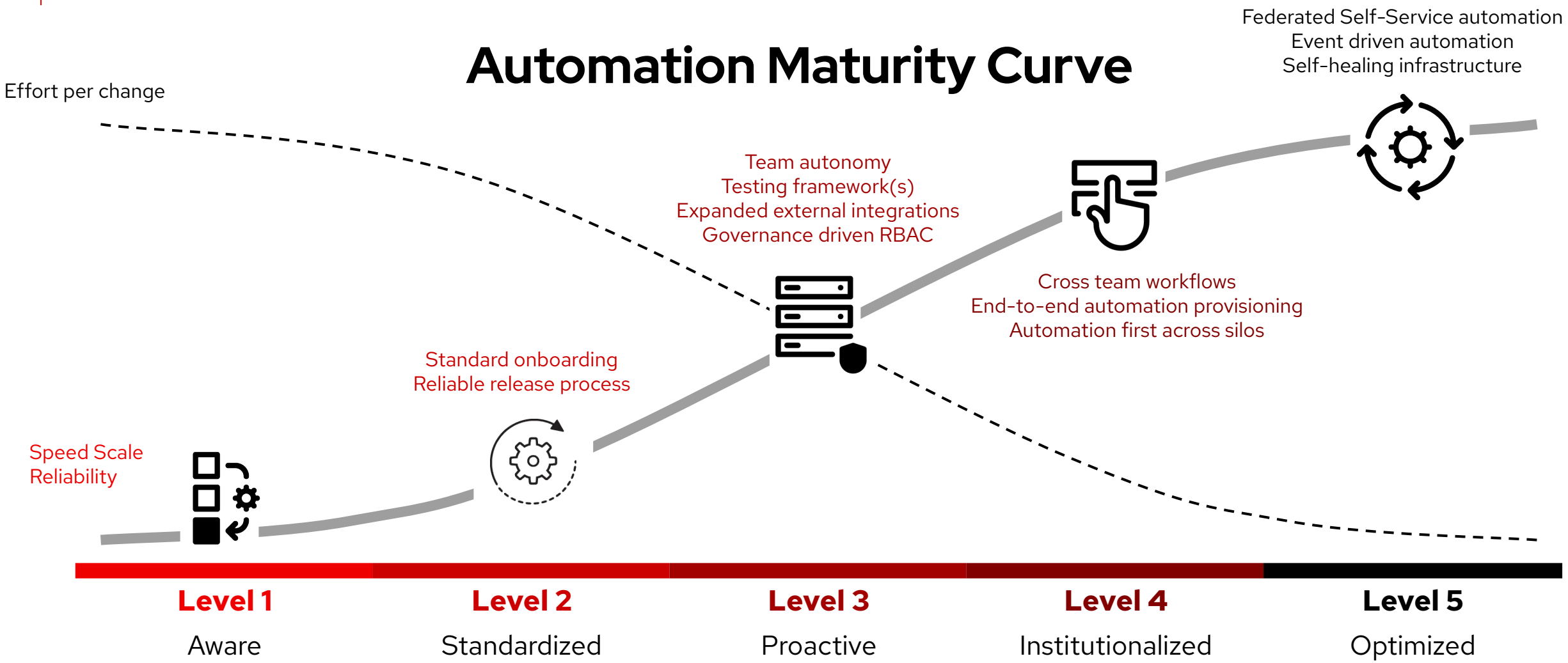
Automation Maturity Curve



Collaborative automation across your ecosystem

140+ Certified Content Collections

60+ Certified Technology partners

100+ Systems integrators + Resellers

55,000 GitHub stars

1000+ Active open source contributors

Infrastructure

Red Hat Enterprise Linux · Linux · Windows · nimble storage · NetApp · Hewlett Packard Enterprise · PURESTORAGE

Network

Routers · Switches · IPAM · LBs

Security

PAM · SEIM · IDPS · Firewalls

Edge

podman · inductive automation · Red Hat Enterprise Linux · Rockwell Automation · OPC UA

Red Hat Ansible Automation Platform

ITSM

servicenow

Cloud native

Red Hat OpenShift · kubernetes

Private cloud

Red Hat OpenStack Platform · NUTANIX · vmware

Public cloud

Azure Resource Manager · AWS CloudFormation · Cloud Deployment Manager · Terraform · Azure · aws · Google Cloud

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Supported and certified content you can trust.

140+

Certified Content Collections

60+

Certified technology partners

Infrastructure | Cloud | Network | Security | Edge

Red Hat Ansible by the numbers

Our product

3,000+
customers across every vertical

6.18 million
Nodes under management

2M +
downloads per month

Our ecosystem

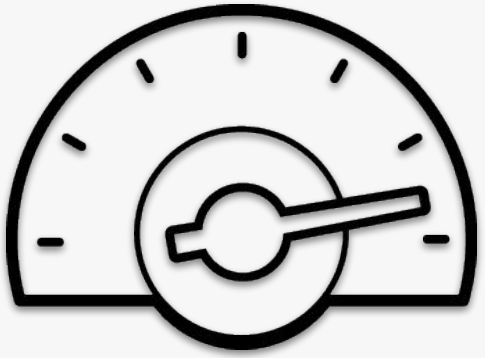
200+
Strategic partners, including Certified technology partners, System Integrators and Resellers

1000+
Active open source community contributors

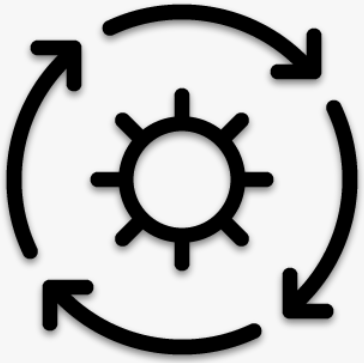
55,000+
GitHub stars

Automation adoption is a game-changer

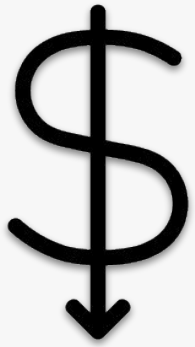
How you can expect the right automation strategy to impact your IT - and your business



Faster innovation

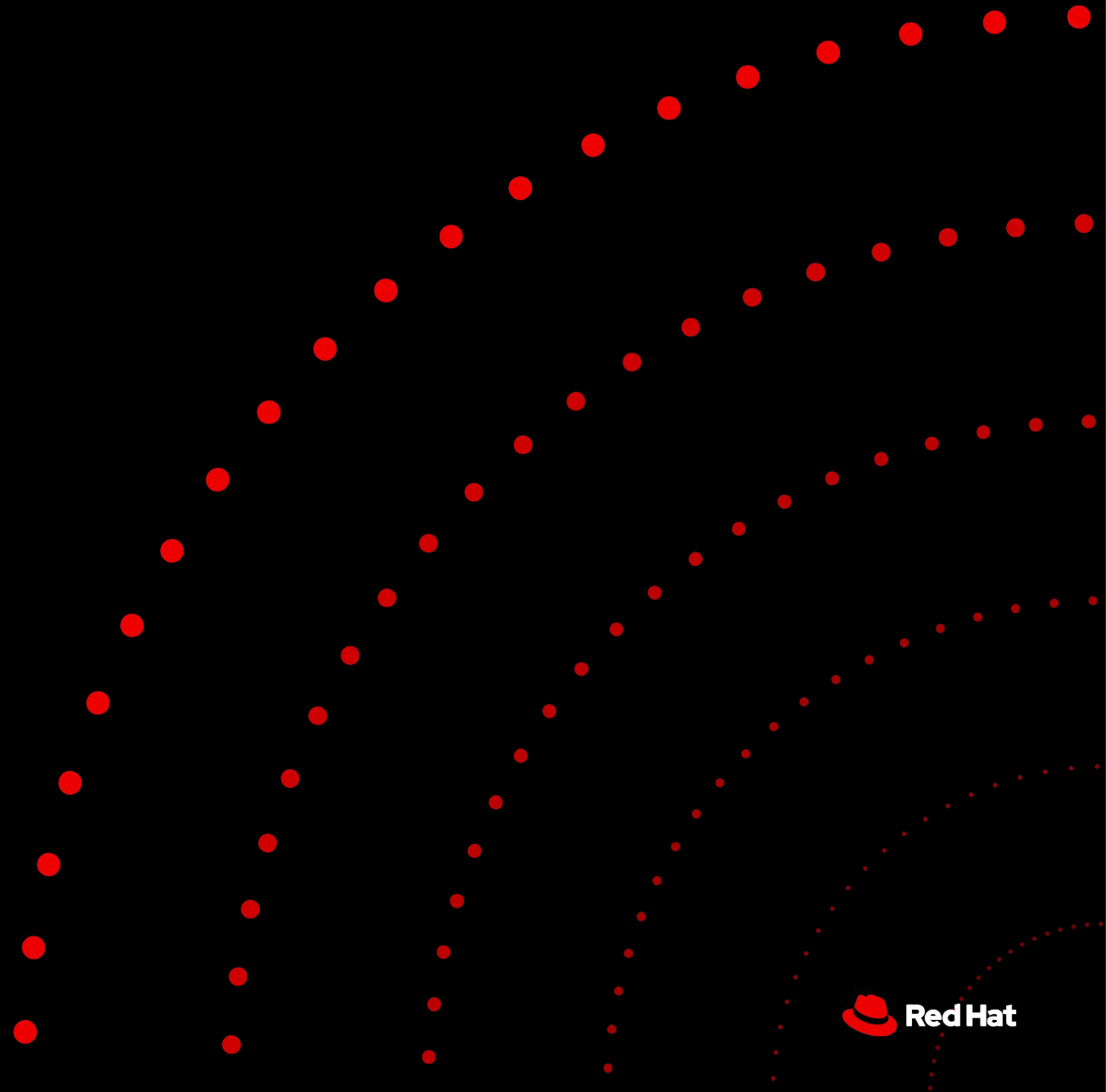


Increased efficiency



Reduced cost

The benefits of automating



Business Value of Red Hat Ansible Automation Platform

An IDC Business Value White Paper, sponsored by Red Hat

IDC

The Business Value of Red Hat Ansible Automation Platform

RESEARCH BY:

Harsh Singh
Senior Research Analyst,
Business Value Strategy Practice, IDC

Stephen Elliot
Program Vice President,
Management Software and DevOps, IDC

Navigating this White Paper

Click on titles or page numbers to navigate to each section.

BUSINESS VALUE HIGHLIGHTS

Click on highlights below to navigate to related content within this PDF.

667%
five-year return on investment (ROI)

10 months
months to payback

30%
more efficient IT infrastructure management

29%
more efficient network infrastructure management

75%
faster deployment of new storage resources

39%
more applications developed per year

30%
more efficient IT security teams

76%
reduction in unplanned downtime

$1.9 million
total new revenue gained per year

Executive Summary

IDC conducted customer research that explored the value and benefits of organizations using the Red Hat Ansible Automation Platform to standardize and automate IT operations, container, and configuration activities across cloud environments and teams in a consistent and repeatable model. This research found that these organizations were realizing significant process efficiencies, faster cycle times, and operational benefits across operations, network, storage, architecture, and security teams by using the Ansible Automation Platform's programmatic software-driven approach to IT automation. These improvements often led to optimized levels of cost reduction and containment, improved team collaboration, and more secure operations. It also enabled improved DevOps agility and execution, consistent alignment of automation across teams to enable faster decision making, improved control, and service transparency.

The Ansible Automation Platform is a foundation for building and operating enterprise-wide automation. The platform provides a flexible enterprise framework for building and operating an IT automation foundation across domains and at scale. Users can centralize and control their infrastructure with a visual dashboard, role-based access control, and automation tools including analytics and certified, reusable content. Study participants described achieving strong value with the Ansible Automation Platform by empowering DevOps and development teams to meet business demand for improved digital functionality, while streamlining and optimizing their IT environments. Study participants described their ability to achieve strong value with the Ansible Automation Platform based on interviews with these Red Hat customers.

IDC projects that study participants will achieve strong business value over time by:

- Improving the productivity and effectiveness of IT Infrastructure, network management, and security teams with increased IT and DevOps agility via improved standardization and compliance controls. With these new efficiencies in place, cross-siloes found that they

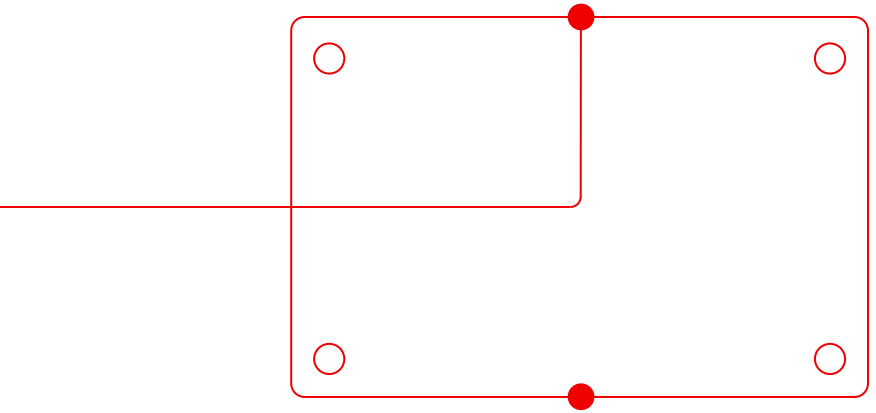
Build a scalable foundation for innovation

Organizations achieved significant value with the Red Hat Ansible Automation Platform

667% five-year ROI

10 months to payback

IDC's research demonstrates the strong value that organizations have achieved with the Red Hat Ansible Automation Platform.



76% reduction in unplanned downtime

30% more efficient IT infrastructure management

75% faster deployment of new storage resources

29% more efficient network infrastructure management

Source:
IDC White Paper, sponsored by Red Hat, "The Business Value of Red Hat Ansible Automation Platform", doc # US47989320, October 2021.

Red Hat

Improvements in application development

Automation enables deployments to be repeatable and reliable

More productive DevOps teams

Teams were able to better support their line of business partners

productivity increase

more applications developer per year

More efficient IT infrastructure teams

With the increase in productivity, they were able to focus on other important projects

more efficient IT security teams

more efficient IT infrastructure management

Teams were able to spend **59% more** time on innovation and other activities

Source:
IDC White Paper, sponsored by Red Hat, "The Business Value of Red Hat Ansible Automation Platform", doc # US47989320, October 2021.

Red Hat

Improvements in business operations

Automation allows teams to analyze and aggregate data more effectively

Minimized unplanned downtime

Reduced risk and increased ability to manage and mitigate service disruptions

reduction in unplanned downtime

reduction in unplanned outages

Improved business processes

Helped track and secure relevant compliance-related information more easily

increase in productivity for compliance team

faster time to market for services and products

Source:
IDC White Paper, sponsored by Red Hat, "The Business Value of Red Hat Ansible Automation Platform", doc # US47989320, October 2021.

Customers experience remarkable results

Red Hat® Ansible® Automation Platform

667%

five-year ROI

39%

more applications developed per year

76%

reduction in unplanned downtime

30%

more efficient IT infrastructure management

29%

more efficient network infrastructure management

Use automation to transform IT and deliver results

Source:
The Business Value of Red Hat Ansible Automation Platform, IDC, October, 2021 and AnsibleFest presentation, IDC, September, 2021

Business Value Tools to see the benefits of automating

- ROI Tool
- Time Savings Calculator
- Automation Analytics - Automation Calculator

Red Hat

IDC Red Hat Ansible Automation Platform

Sponsored by Red Hat

Introduction to the Red Ha Ansible Automation Busine Value Tool

To support development of this tool, IDC conducted i interviews with Red Hat Ansible Automation custome an analytic basis for determining the benefits other cu could expect from deploying Red Hat Ansible Automa

1. Assess current operations
2. Quantify the financial benefits (revenue, profits) an outcomes and performance

Throughout this tool and in the generated custom bu we will reference this research as IDC research with R Ansible Automation customers.

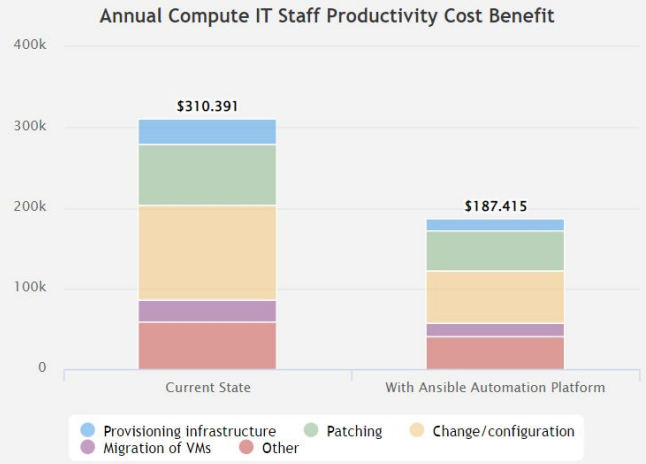
Compute

IDC research with paid Red Hat Ansible Automation Platform customers shows that IT staff productivity was improved by 25% to 90% depending on the activity when Red Hat Ansible Automation Platform is extended across multiple technical domains.

Comments

Compute Management - IT Staff FTEs

	Current State	Future State	% Improvement
Provisioning infrastructure – full stack deployment	0.8	0.40	0% 50% 100%
Patching	1.9	1.25	34% 100%
Change/configuration of workloads and compute and storage infrastructure	3	1.65	0% 45% 100%
Migration of VMs and workloads to cloud service	0.7	0.42	0% 40% 100%
Other	1.5	1.05	30% 100%



Gobierno Autonomico could enhance IT staff productivity for compute management by 40%, reducing annual management costs by $122.976.

https://redhatansibleroi.com/

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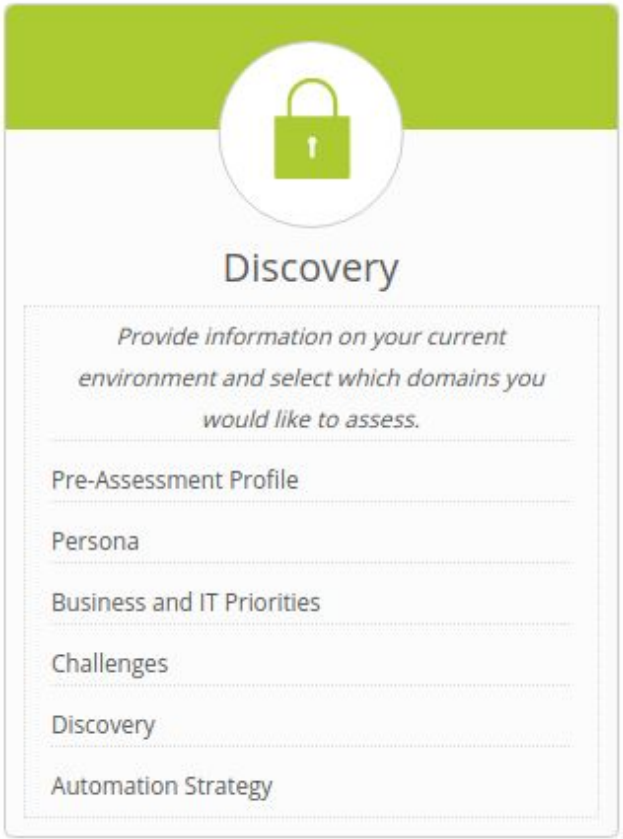
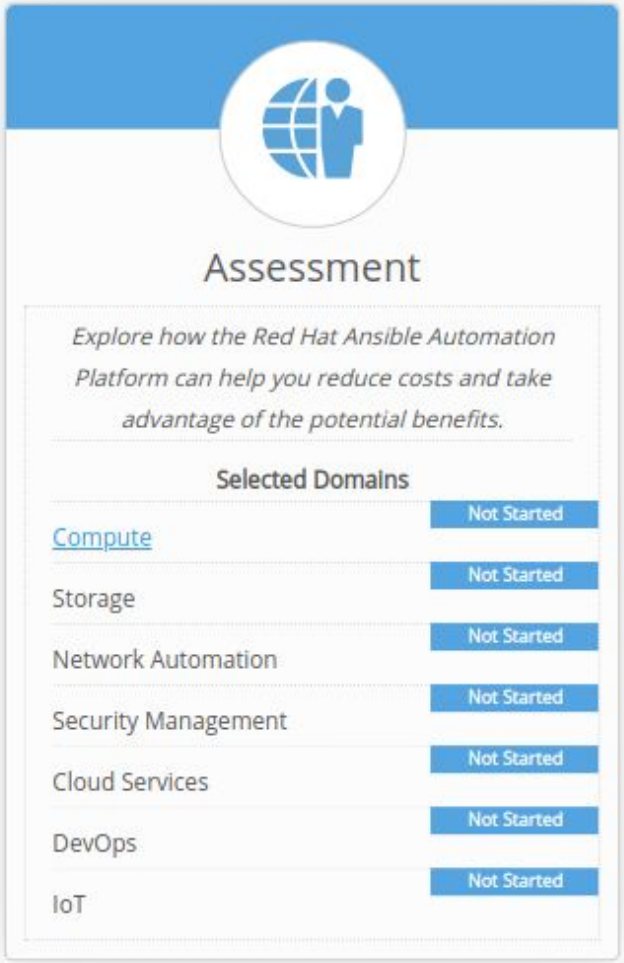
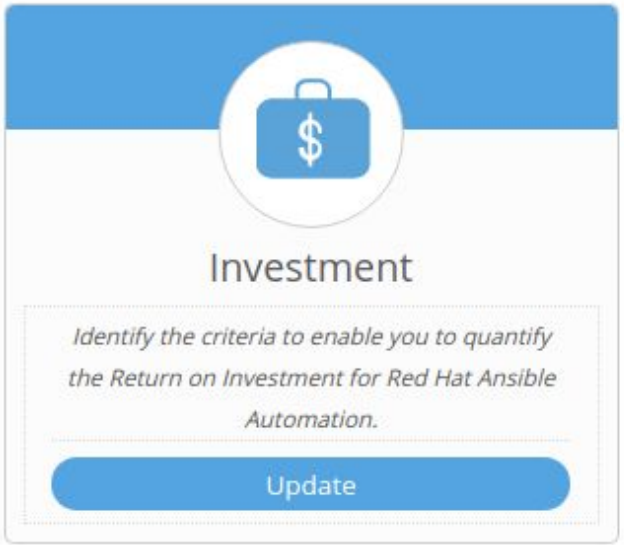
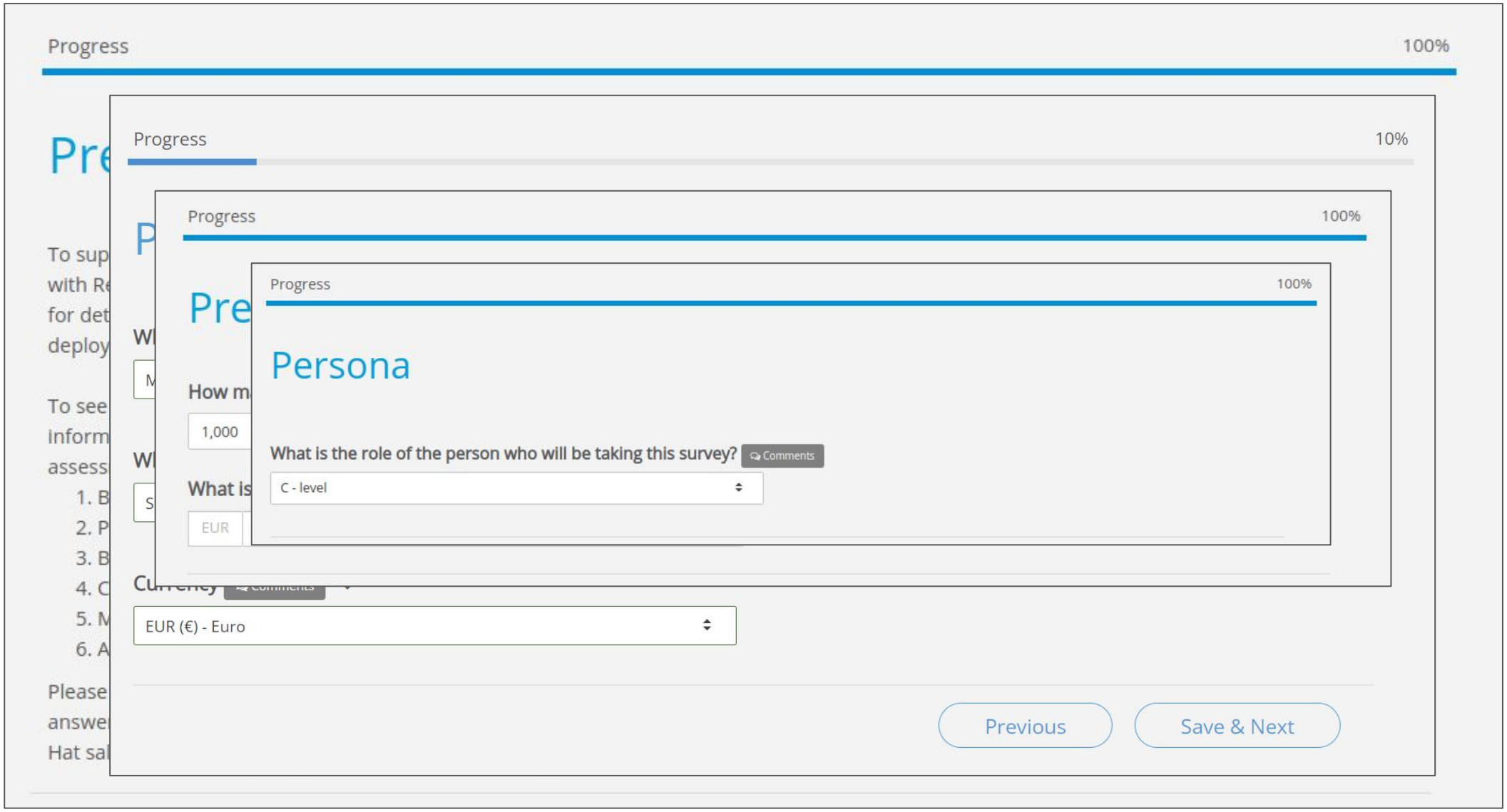
Assessment Overview

Overview | Customer Information | Notes | Pricing | Results | Return to Assessment List








Progress
100%
Progress
10%
Progress
100%
Progress
100%
Persona
What is the role of the person who will be taking this survey?
Comments
C - level
1,000
EUR
EUR (€) - Euro
Previous
Save & Next

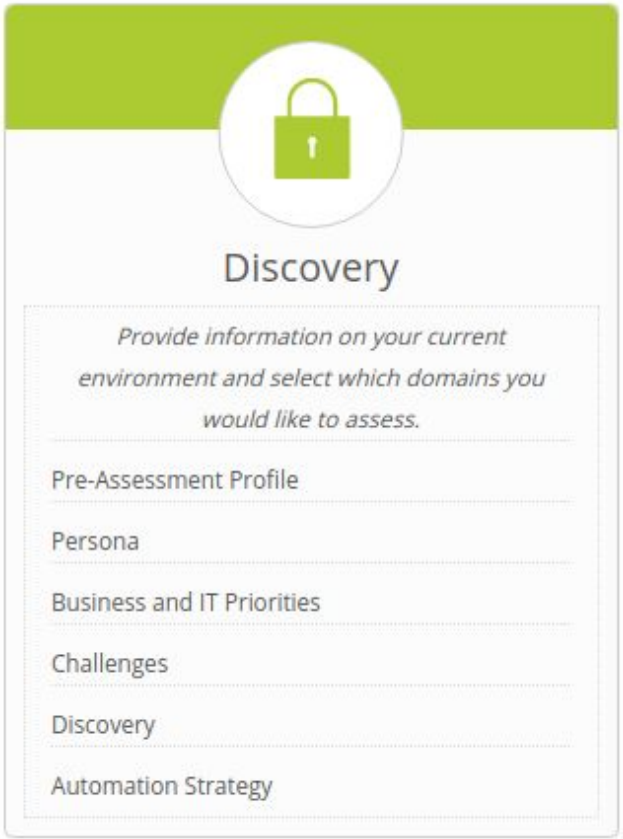
Discovery

Please select the domains that you would like to analyze. For each of these managed environments, which management/automation tools are you using today and how much are you spending on annual fees. Comments

Domains (Select All Domains)	Nodes managed today	Average Annual Growth (%)	IT staff managing (FTEs)	Automation/management tool	Annualized Costs
☑ Compute	80	2% 100%	3.8	Other Commercial	EUR 35,720
☑ Storage	16	3% 100%	2	Other Commercial	EUR 7,144
☑ Network	10	4% 100%	0.1	Other Commercial	EUR 4,465
☑ Applications (DevOps/development)	400	3% 100%	4	None	EUR 0
☑ Security	12	4% 100%	0.6	None	EUR 0
☑ Cloud services	8	0% 100%	0.4	None	EUR 0
☑ IoT	8	0% 100%	0.4	None	EUR 0
☐ Other					

Assessment Overview

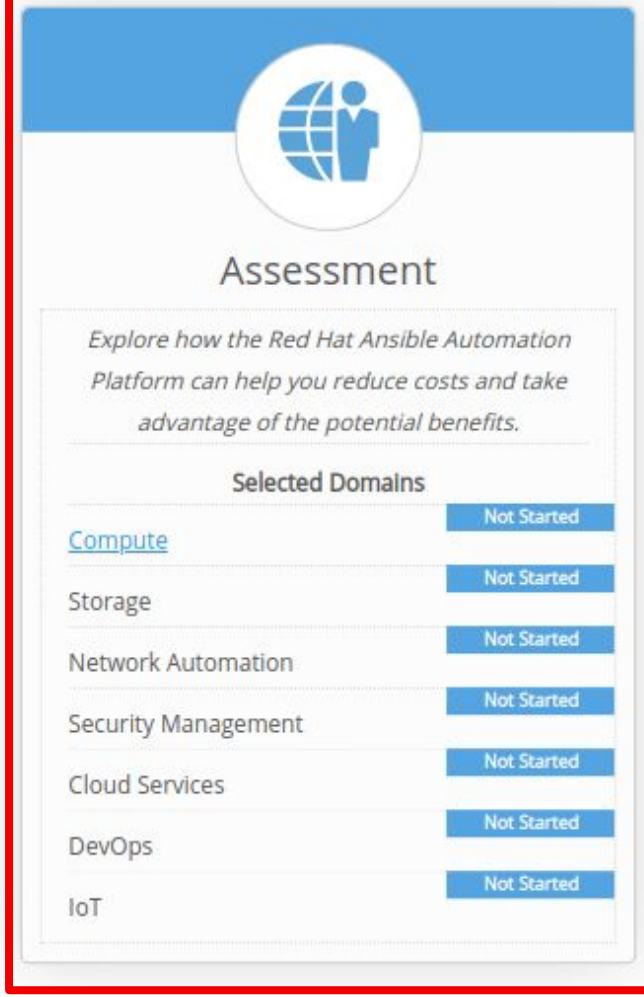
Overview | Customer Information | Notes | Pricing | Results | Return to Assessment List



Discovery

Provide information on your current environment and select which domains you would like to assess.

- Pre-Assessment Profile
- Persona
- Business and IT Priorities
- Challenges
- Discovery
- Automation Strategy

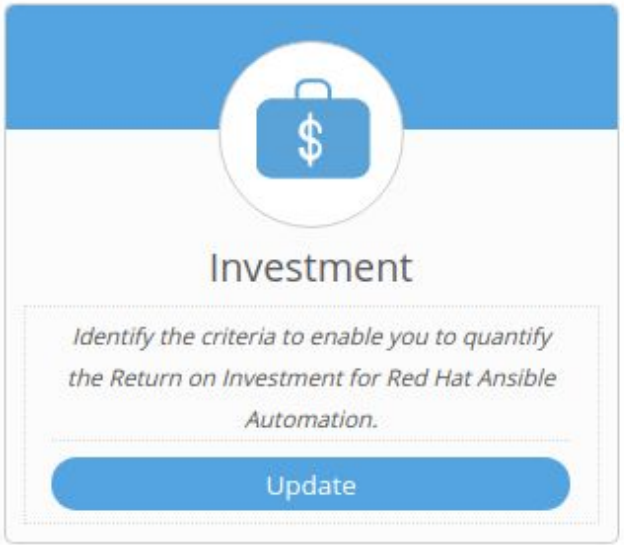


Assessment

Explore how the Red Hat Ansible Automation Platform can help you reduce costs and take advantage of the potential benefits.

Selected Domains

Compute	Not Started
Storage	Not Started
Network Automation	Not Started
Security Management	Not Started
Cloud Services	Not Started
DevOps	Not Started
IoT	Not Started



Investment

Identify the criteria to enable you to quantify the Return on Investment for Red Hat Ansible Automation.

Update

Progress 0%

Compute

In this section, we will assess your current compute environment and how Red Hat Ansible Automation Platform can deliver operational benefits if deployed across all IT environments.

Methodology Summary for Compute

- To facilitate completion of all necessary metrics, IDC pre-loads metrics based on the in-depth interviews completed for Red Hat Ansible for this tool or industry standards which are drawn from IDC business value research.
- Percent of IT staff activities - Based on IDC business value research
- Improvement in IT staff activity metrics preloads are based on research and pivoting on the choice of automation/ management tool (in discovery) using a ranged scale

Help desk preloads

- Support tickets handled each week - number of employees X % of employees using IT X (2 help desk calls per year)/52 weeks
- What is the average time to resolve (open to close in hours) - 3.3 hours - based on IDC research

Downtime

The following downtime metric preloads are based on research and pivoting on the choice of automation/ management tool (in discovery) using a ranged scale:

1. Unplanned server downtime incidents each year
2. Average mean time to repair (MTTR) in hours
3. Percentage of downtime events that negatively impact revenue
4. Average revenue loss per hour of downtime

Compute

IDC research with paid Red Hat Ansible Automation Platform customers shows that IT staff productivity was improved by 25% to 90% depending on the activity when Red Hat Ansible Automation Platform is extended across multiple technical domains.

Comments

Compute Management - IT Staff FTEs

	Current State	Future State	% Improvement
Provisioning infrastructure – full stack deployment	0.8	0.40	0% 50% 100%
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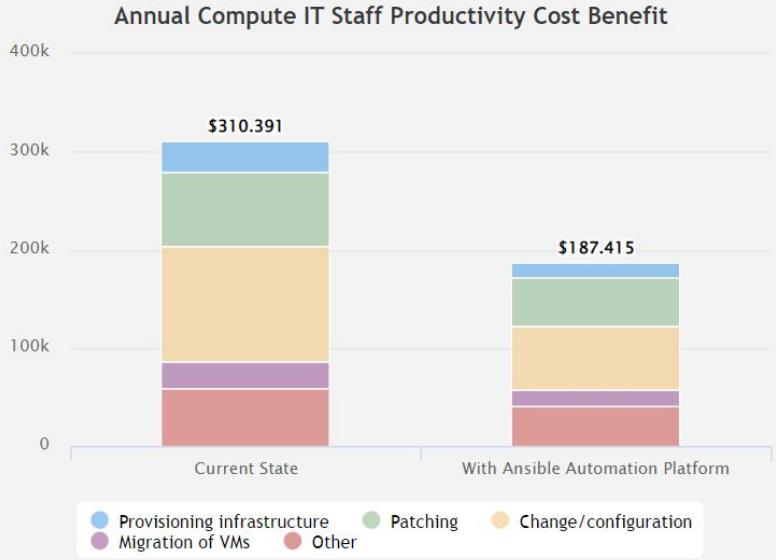
Other	1.5	1.05	30% 100%



Gobierno Autonomico could enhance IT staff productivity for compute management by 40%, reducing annual management costs by $122.976.

Progress 0%

Storage

Progress 0%

In this section, we will
how Red Hat Ansible A
benefits if deployed ac

Methodology Summar

- To facilitate com
  metrics based or
  Ansible for this t
  IDC business valu
- Percent of IT staf
  research
- Improvement in

Network Automation

Progress 0%

In this section, we will assess
how Red Hat Ansible Autom
benefits if deployed across a

Methodology Summary for N

- To facilitate completion
  metrics based on the ir
  Ansible for this tool or
  IDC business value res
- Percent of IT staff activ

Security Management

Progress 0%

In this section, we will assess your cu
Red Hat Ansible Automation Platforr
deployed across all IT environments

Cloud Services

Progress 0%

IoT

In this section, we will assess your current Internet of Things (IoT) environment and how Red Hat Ansible Automation Platform can deliver operational benefits if deployed across all IT environments.

Methodology Summary for IOT

- To facilitate completion of all necessary metrics, IDC pre-loads metrics based on the in-depth interviews completed for Red Hat Ansible for this tool or industry standards which are drawn from IDC business value research.
- Percent of IT staff activities - Based on IDC business value research
- Improvement in IT staff activity metrics preloads are based on research and pivoting on the choice of automation/ management tool (in discovery) using a ranged scale

Progress 0%

DevOps

In this section, we will assess your current application development and management environment and how Red Hat Ansible Automation Platform can deliver operational benefits if deployed across all IT environments.

Methodology Summary for DevOps

- To facilitate completion of all necessary metrics, IDC pre-loads metrics based on the in-depth interviews completed for Red Hat Ansible for this tool or industry standards which are drawn from IDC business value research.
- Percent of IT staff activities - Based on IDC business value research
- Improvement in IT staff activity metrics preloads are based on research and pivoting on the choice of automation/ management tool (in discovery) using a ranged scale
- Number of new business applications released each year- number of applications X growth rate
- Time to develop the application (weeks) - industry standard - 10 weeks
- Number of DevOps FTEs involved - industry standard - 2 FTEs
- Time to adoption for new application - industry standard - 6 weeks
- Number of new features/updates released each year - number of new applications X 5
- Time to develop the feature/update (weeks) - industry standard - 2 weeks
- Number of DevOps FTEs involved - industry standard - 2 FTEs

Assessment Overview

Overview | Customer Information | Notes | Pricing | Results | Return to Assessment List

Discovery

Provide information on your current environment and select which domains you would like to assess.

- Pre-Assessment Profile
- Persona
- Business and IT Priorities
- Challenges
- Discovery
- Automation Strategy

Assessment

Explore how the Red Hat Ansible Automation Platform can help you reduce costs and take advantage of the potential benefits.

Selected Domains

Compute	Not Started
Storage	Not Started
Network Automation	Not Started
Security Management	Not Started
Cloud Services	Not Started
DevOps	Not Started
IoT	Not Started

Investment

Identify the criteria to enable you to quantify the Return on Investment for Red Hat Ansible Automation.

Update

Progress 0%

ROI

In this section we will identify the criteria to enable you quantify the Return on Investment for Red Hat Ansible Automation. To establish a valid ROI analysis we need to comply with an organization's analysis period and discount factor (cost of capital).

Progress 0%

ROI

What analysis period would you

- 1 year
- 3 year
- 5 year

Progress 50%

ROI

What discount factor (average cost of capital) would you like to use for the analysis? Comments

0% 12% 100%

What is your organization's operating margin? Comments

0% 15% 100%

Assessment Overview

Overview | Customer Information | Notes | Pricing | Results | Return to Assessment List

Discovery

Provide information on your current environment and select which domains you would like to assess.

- Pre-Assessment Profile
- Persona
- Business and IT Priorities
- Challenges
- Discovery
- Automation Strategy

Assessment

Explore how the Red Hat Ansible Automation Platform can help you reduce costs and take advantage of the potential benefits.

Selected Domains

Compute	Not Started
Storage	Not Started
Network Automation	Not Started
Security Management	Not Started
Cloud Services	Not Started
DevOps	Not Started
IoT	Not Started

Investment

Identify the criteria to enable you to quantify the Return on Investment for Red Hat Ansible Automation.

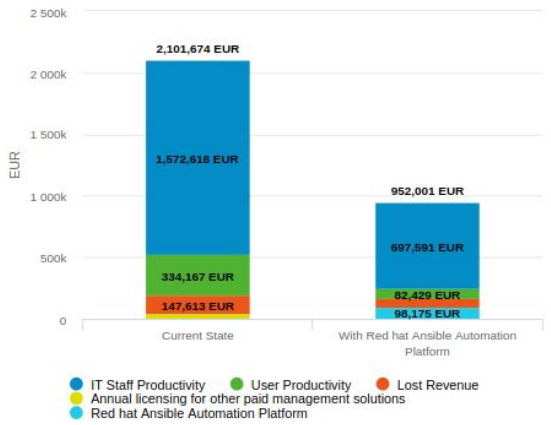
Update

The Business Value of Red Hat Ansible Automation for Customer - Results

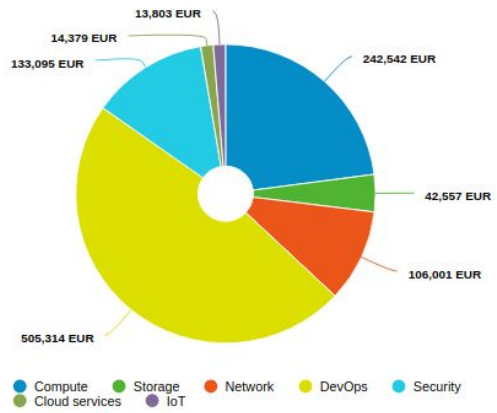
3 Year ROI Analysis

Discounted Benefits	2,713,530 EUR
Discounted Investment	523,428 EUR
NPV	2,190,102 EUR
ROI	418%
Payback(months)	3.6
Discount Factor	12%

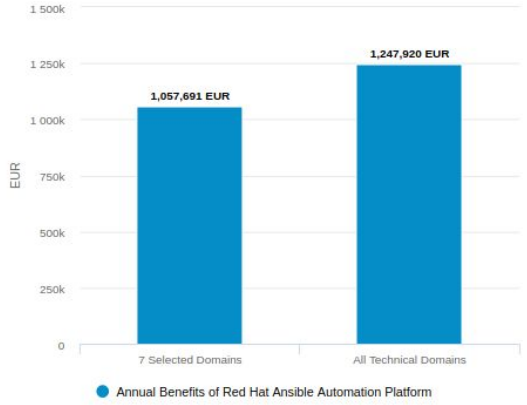
Annual TCO



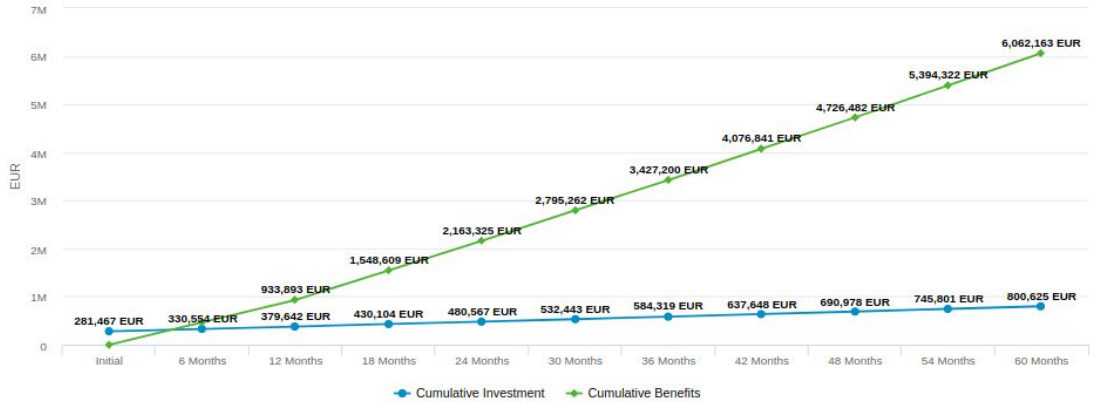
Red hat Ansible Automation Platform Annual Benefits by Domain



Comparison of Annual Benefits of Red Hat Ansible Automation Platform Deployed to Cover 7 Selected Domains Vs.All Technical Domains



Cumulative Cost Benefit Analysis



Reportes

Enabled by IDC

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Disclaimer

Important Note: The results of this calculator tool are based on a combination of industry data and customer input. The use of this tool is solely intended as an illustration of potential benefits. Many factors and variables will affect the customer's potential financial benefits.

Automation Opportunities

Outsourcing has identified 1 area where use of the Red Hat Ansible Automation Platform will help streamline operations, improve overall system performance and help the company generate revenue. By deploying the Red Hat Ansible Automation platform across all 1 area Outsourcing can experience a reduction of 73% in the total cost of ownership and experience a 118% ROI on its investment based on a number of factors including improving IT staff productivity, reducing business risk, and accelerating time to market.

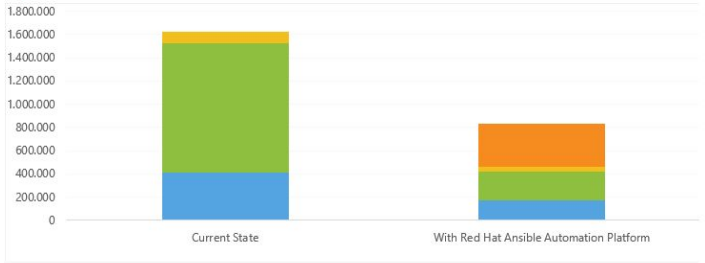
5 Year ROI Analysis	
Discounted Benefits	3,906,953 EUR
Discounted Investment	1,792,060 EUR
NPV	2,114,893 EUR
ROI	118%
Payback (months)	4
Discount Factor	12%

The Red Hat Ansible Automation Platform offers a consistent, cost effective, easy to learn automation experience that can deliver value to many IT technical domains including Compute, Storage, Network, Applications (DevOps/development), Security, Cloud services and IoT. However, the true value of the Platform comes from the ability to facilitate collaboration across technical and development teams by integrating workflows, creating consistent audit trails, and providing frameworks for sharing best practices, across teams.

The benefits resulting from deploying the Red Hat Ansible Automation Platform across five or more areas are 17% greater than automating individual domains with separate tools.

Deploying the Red Hat Ansible Automation Platform across the 1 technical domain that Outsourcing has selected can enable Outsourcing to reduce the collective TCO for these domains by 49%.

Figure 1: Annual TCO



	Current State	With Red Hat Ansible Automation Platform
IT Staff Productivity	415,687 EUR	171,620 EUR
User Productivity	1,111,882 EUR	250,174 EUR
Lost Revenue	95,105 EUR	42,797 EUR
Annual licensing for other paid	0 EUR	
Red Hat Ansible Automation Platform		364,076 EUR

Red Hat
Ansible Automation
Platform

English

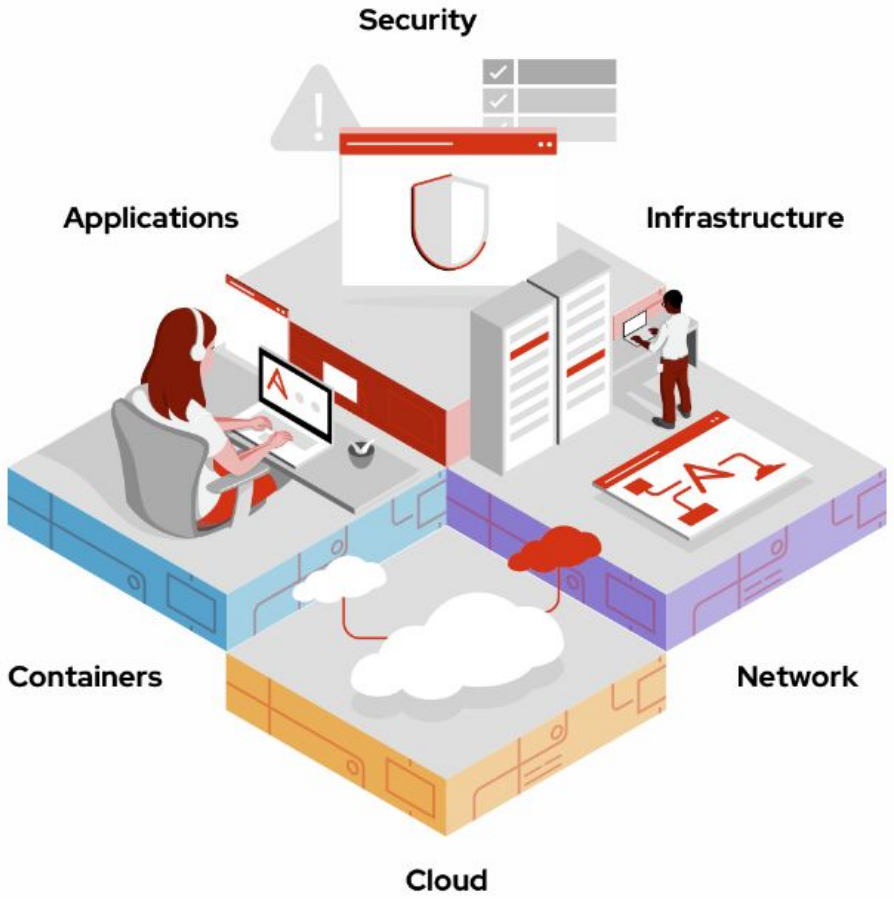
Time Savings Calculator

Save time on manual tasks using automation

Working in IT, you're likely doing the same tasks over and over. What if you could solve problems once and then automate your solutions going forward? The more you automate, the more time everyone saves—letting you focus on more strategic initiatives.

Answer these few short questions to find out how much time you could save by using Red Hat® Ansible® Automation Platform across your organization.

Get started



https://redhatdg.co1.qualtrics.com/jfe/form/SV_25JhSmJFBbdWzg9

Red Hat
Ansible Automation
Platform

Español

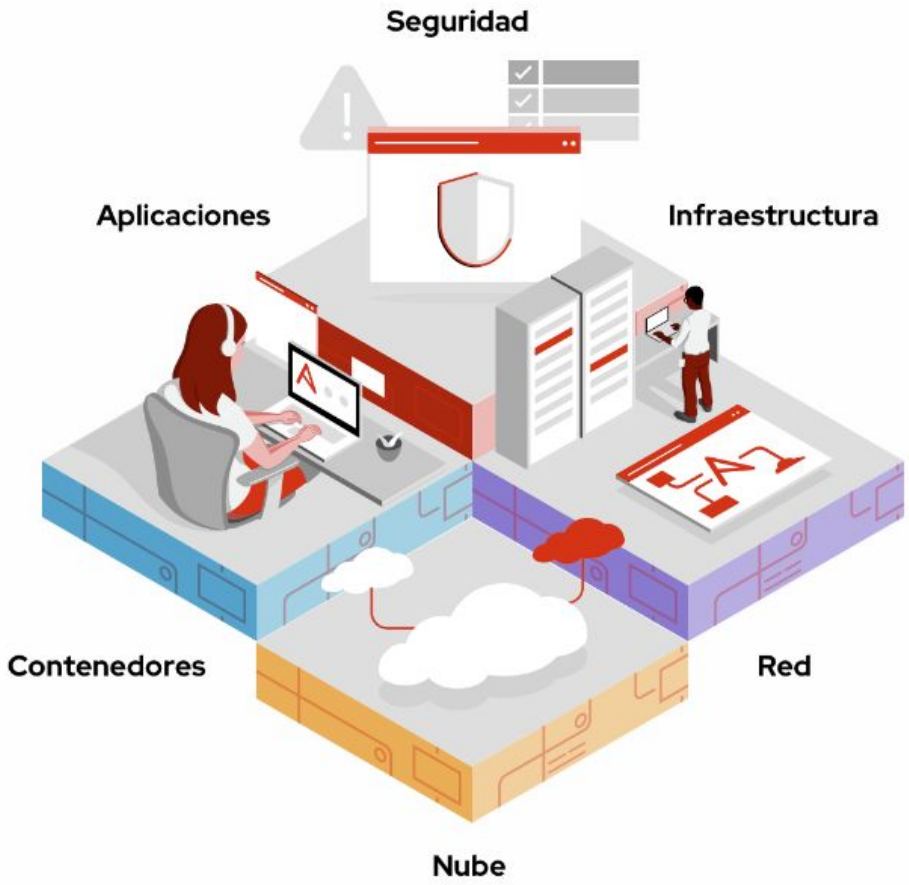
Calculadora de ahorro de tiempo

Automatice las tareas manuales y ahorre tiempo

El trabajo en TI implica que probablemente tenga que realizar las mismas tareas de forma repetitiva. Pero ¿qué sucedería si pudiera resolver los problemas solo una vez y luego automatizar las soluciones para el futuro? Cuantas más tareas automatice, mayor será el tiempo que podrá ahorrar, lo cual le permitirá centrarse en las iniciativas más estratégicas.

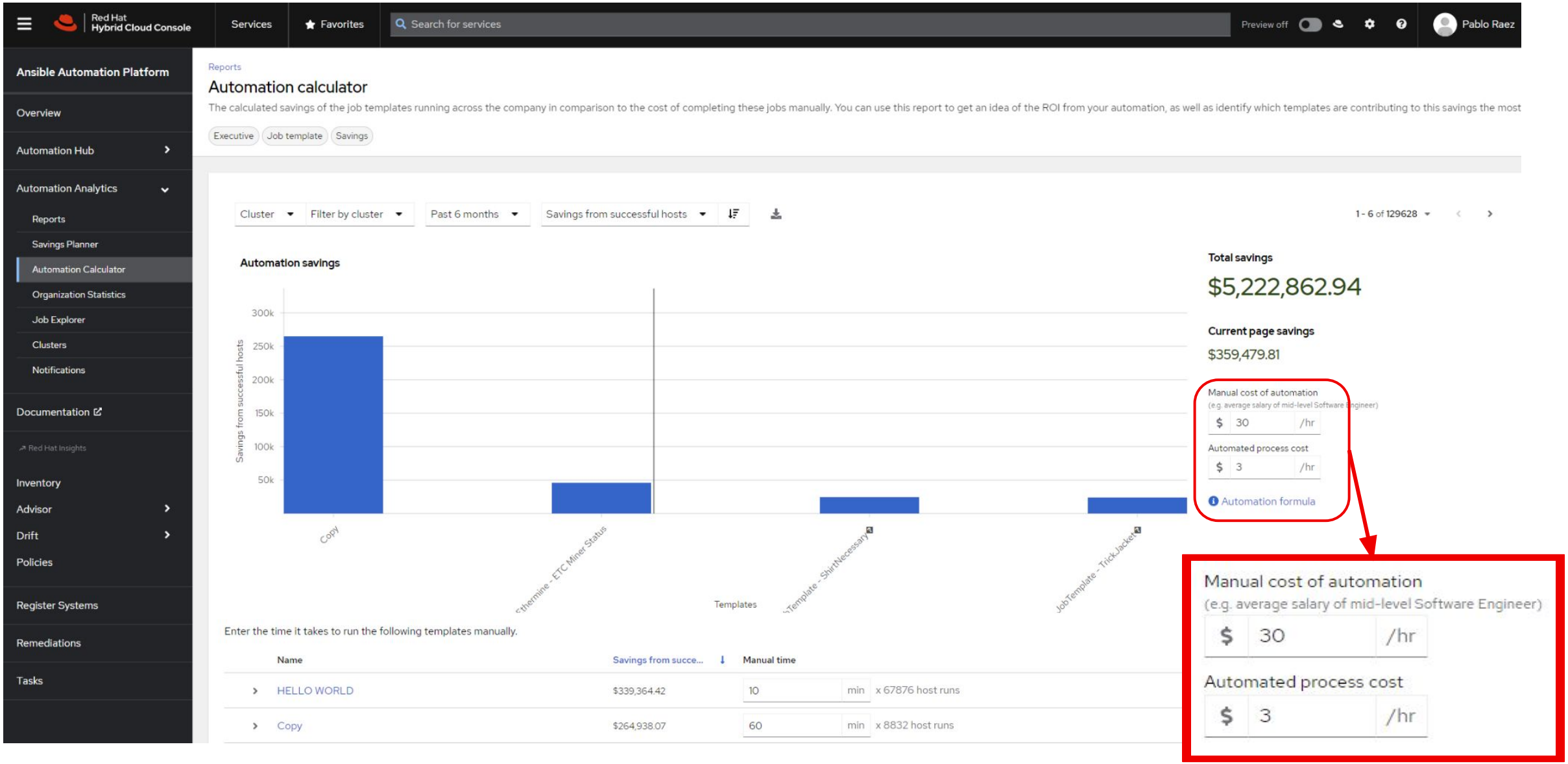
Responda las siguientes preguntas breves para descubrir la cantidad de tiempo que podría ahorrar si utilizara Red Hat® Ansible® Automation Platform en su empresa.

Comience ahora mismo



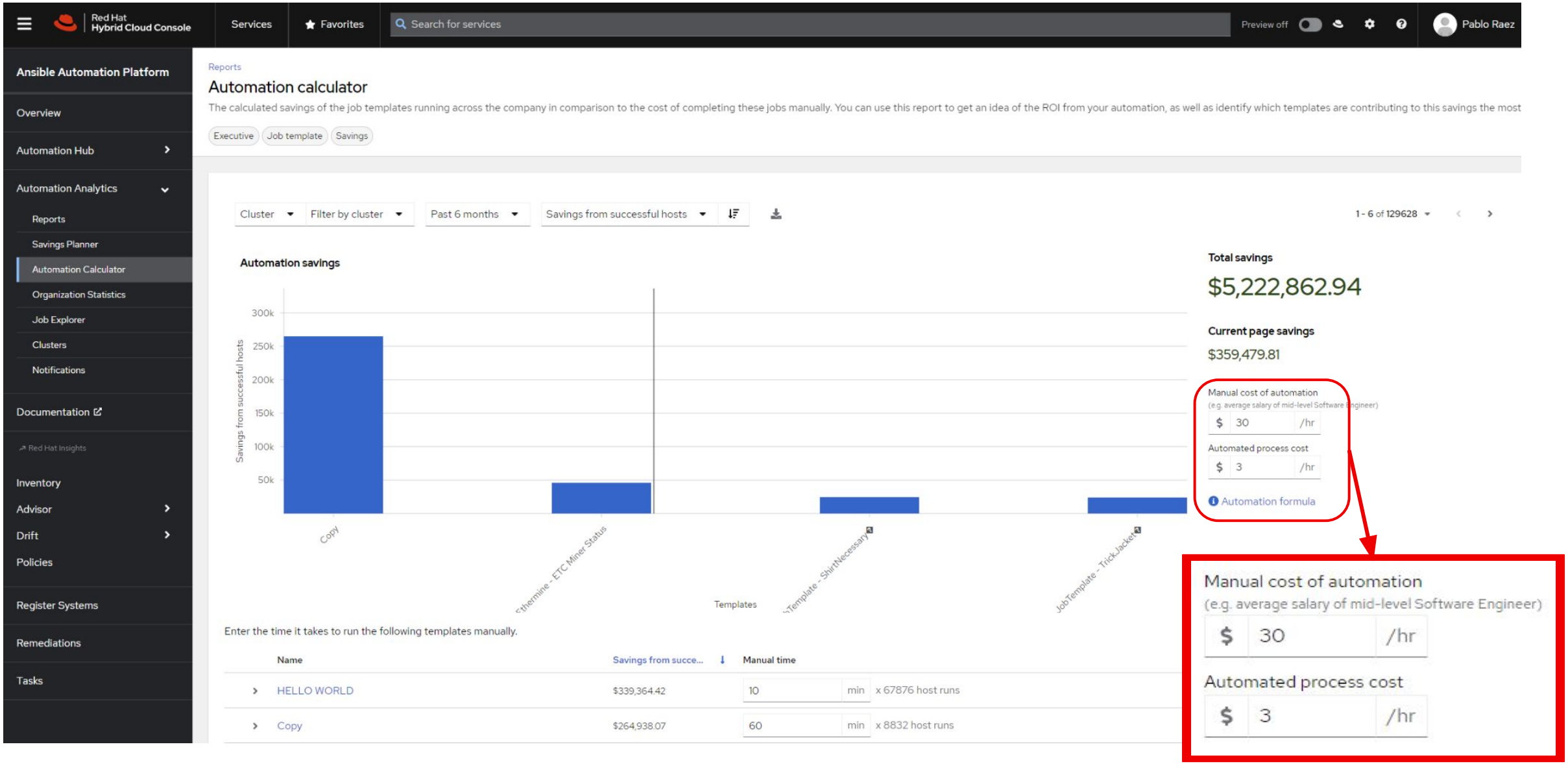
Calculadora de ahorro de tiempo

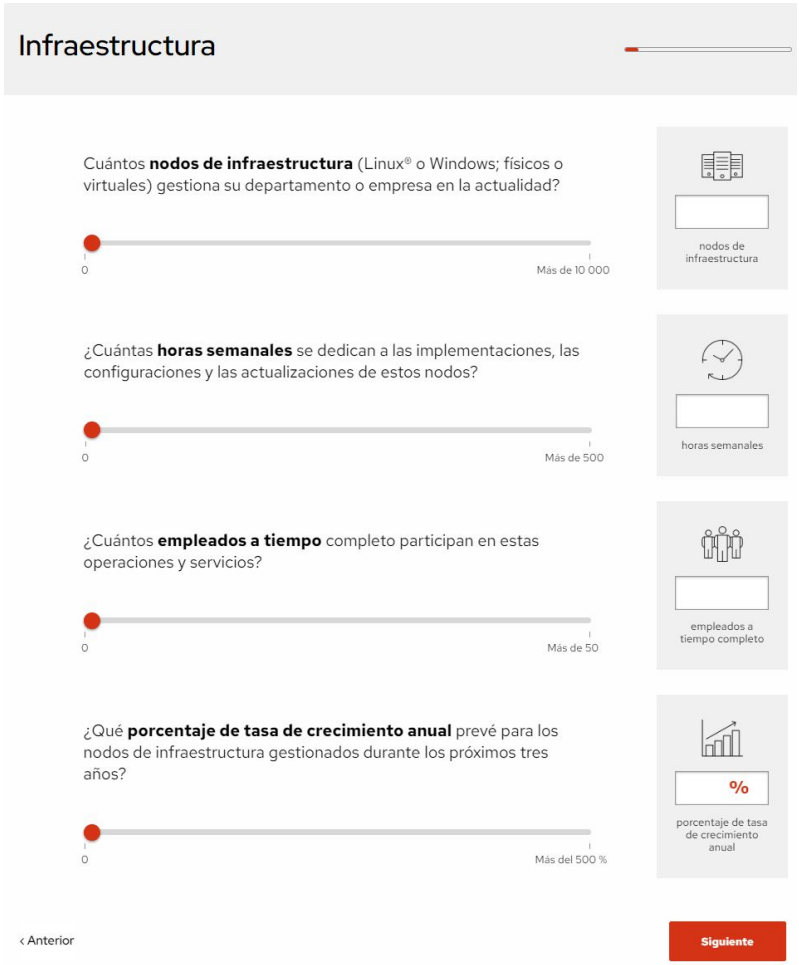
Automation Analytics – Automation Calculator




Muchas Gracias

Automation Analytics – Automation Calculator




Infraestructura
Cuántos **nodos de infraestructura** (Linux® o Windows; físicos o virtuales) gestiona su departamento o empresa en la actualidad?
0
Más de 10 000
nodos de infraestructura
¿Cuántas **horas semanales** se dedican a las implementaciones, las configuraciones y las actualizaciones de estos nodos?
0
Más de 500
horas semanales
¿Cuántos **empleados a tiempo** completo participan en estas operaciones y servicios?
0
Más de 50
empleados a tiempo completo
¿Qué **porcentaje de tasa de crecimiento anual** prevé para los nodos de infraestructura gestionados durante los próximos tres años?
0
Más del 500 %
%
porcentaje de tasa de crecimiento anual
‹ Anterior
Siguiente

Single comprehensive platform

One subscription. One integrated platform. Enterprise ready.

Automation controller

Automation control plane

Automation hub

Hosted certified content repository

Ansible Content Collections

100+ certified content collections

Ansible Platform operator

Package, deploy and manage this platform on OpenShift.

Automation execution environments

Scalable packaging and runtime execution plane

`ansible-builder`

Ansible containerized execution environment builder

Microsoft vs.code plugin

Write and manage Ansible code with Visual Studio

`ansible-navigator`

Execution environment orchestration tooling

Automation mesh

Connectivity across diverse enterprise automation environments

Red Hat Insights for Ansible Automation Platform

Visibility, predictive analytics and more

16+ Open source components, integrated, ready to use with lifecycle support