Red Hat Summit

dynatrace

Connect

Observabilidad y automatización impulsada por IA para tu ecosistema OpenShift /Ansible

Level-up with Red Hat & Dynatrace

Miguel Xoel Garcia Balsa
linkedin.com/in/miguelxoel

04-10-2022

Red Hat | intel

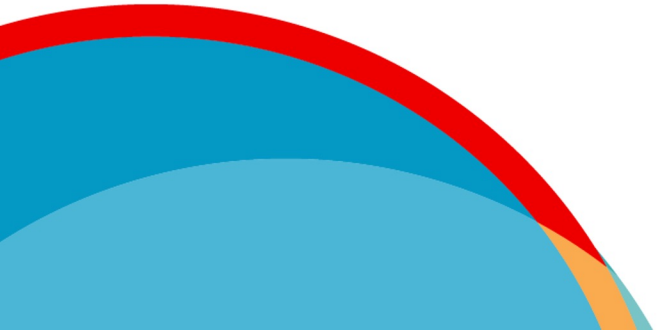
Agenda

- **Advanced Observability with Red Hat & Dynatrace**
- **Certified Integration: Ansible Platform & Dynatrace**
- **Customer Stories:** Porsche Informatik, Abercrombie & Fitch

dynatrace

Red Hat | intel.

Advanced Observability with Red Hat & Dynatrace



dynatrace

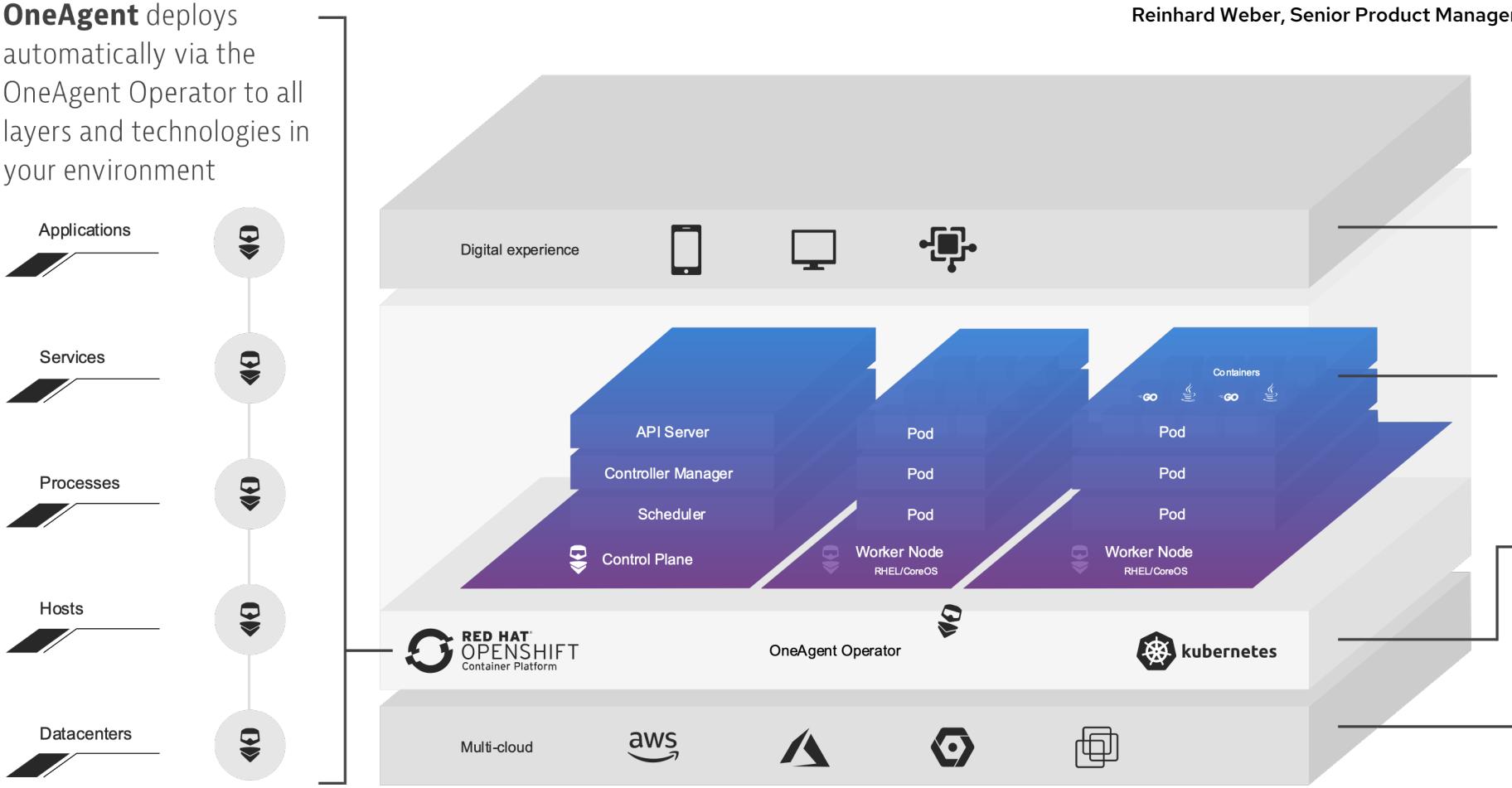
Red Hat | intel

Advanced Observability with Red Hat & Dynatrace

> "We went from zero to 12,000 hosts in less than two months. Our roll out happened while I was having a BBQ over the weekend! Automation, trust and tools were key to this success."
>
> Reinhard Weber, Senior Product Manager

SAP

OneAgent deploys automatically via the OneAgent Operator to all layers and technologies in your environment



Monitor, analyze and optimize every digital interaction

Real-time auto discovery through OneAgent Operator injection of Docker and CRI-O containers without code or image changes

Automatic and continuous deployment of Dynatrace OneAgent Operator to all components

Full integration with all major cloud platforms

Mean Time to Observability Speeds

2019 Bank	29,341 processes instrumented. 2,116 servers. 3,178 services.	1.5 weeks
2020 Insurer	454,190 processes instrumented. 18,509 servers. 131,073 services.	3.5 hours

dynatrace

Red Hat | intel

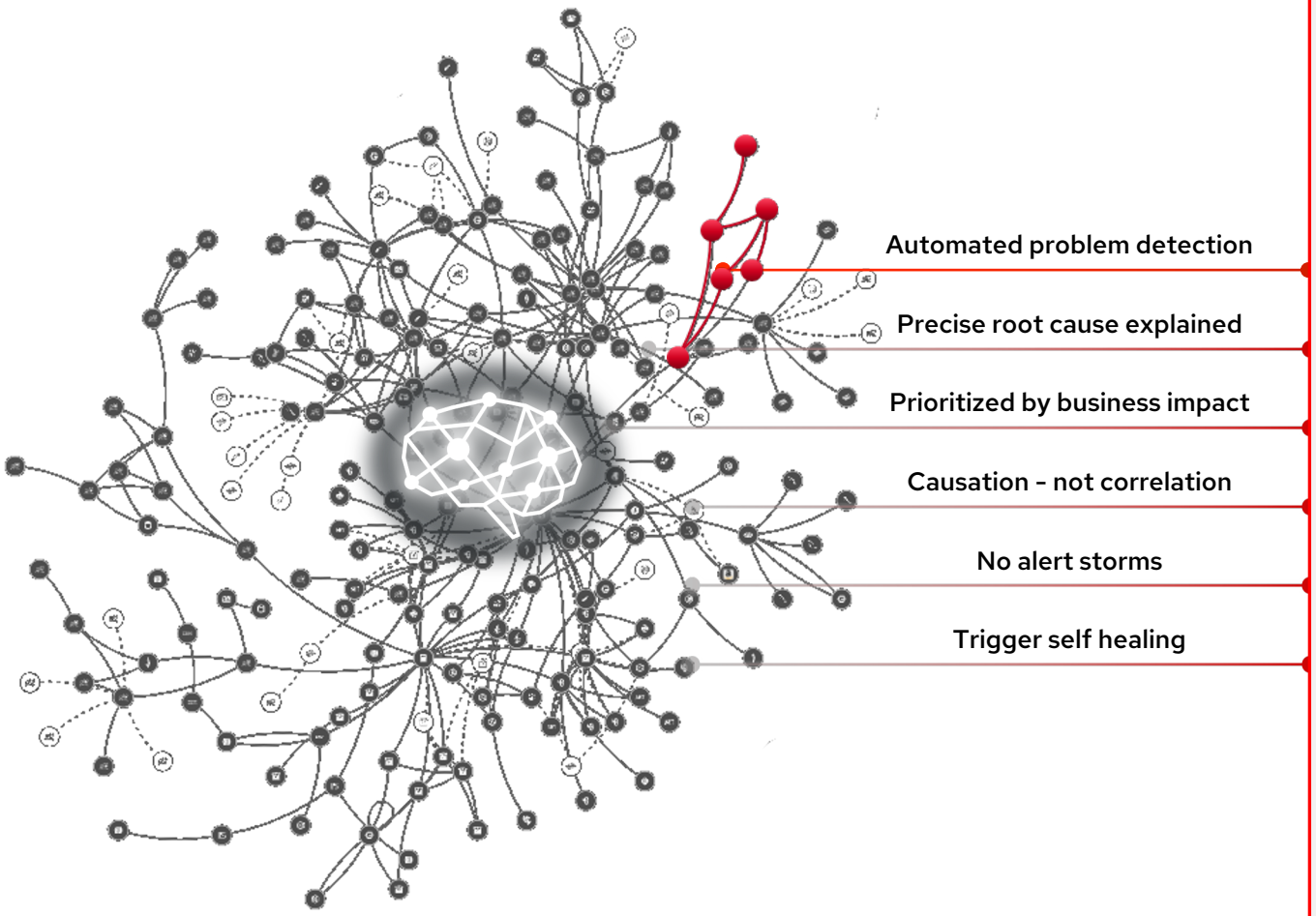
Observability and so much more

Get a broader view of your environment. One that includes metrics, logs, and traces, plus a full topological model with entity relationships, code-level detail, and user experience – all in context.

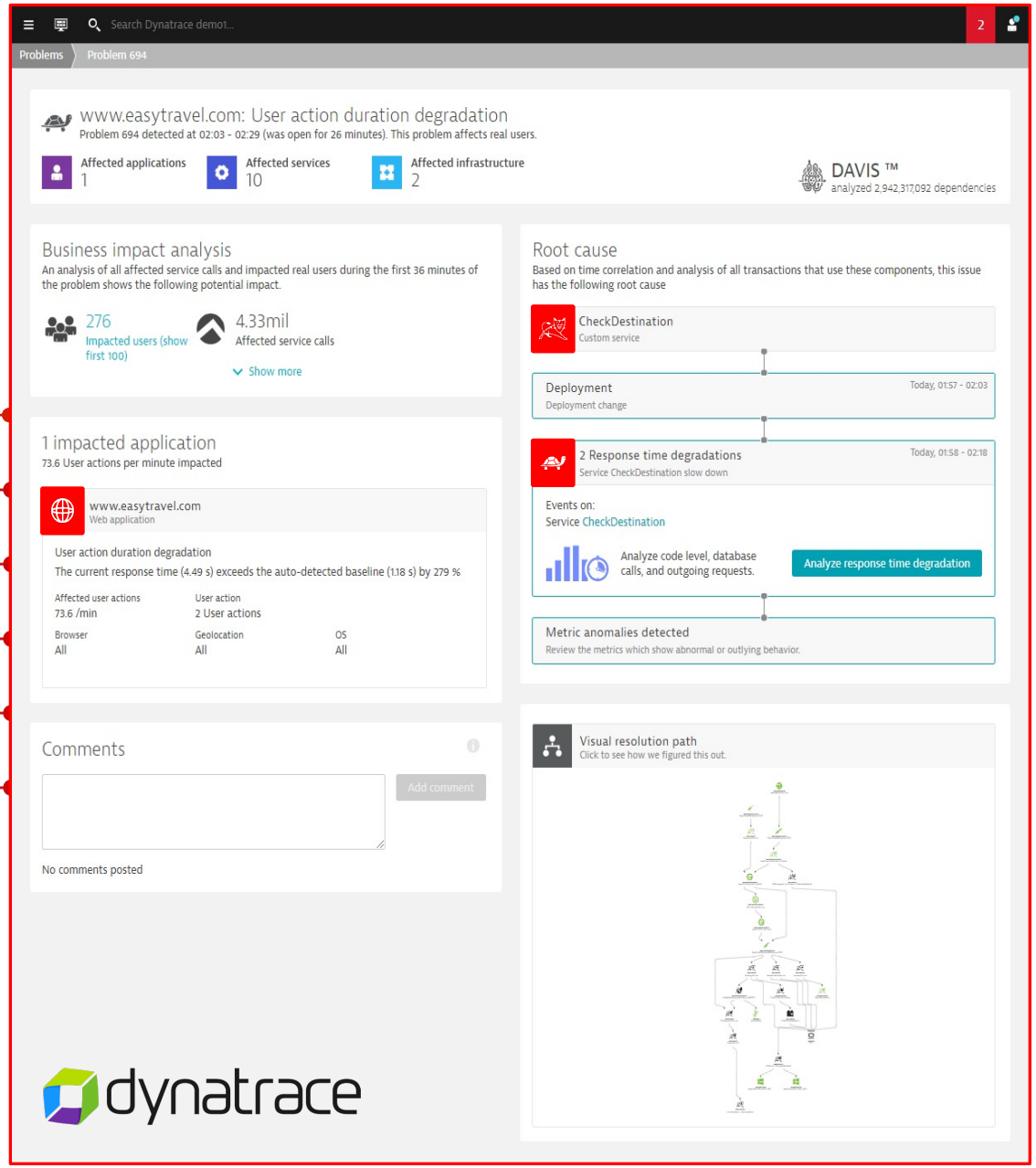
dynatrace

Red Hat | intel

Advanced Observability with Red Hat & Dynatrace



- Automated problem detection
- Precise root cause explained
- Prioritized by business impact
- Causation - not correlation
- No alert storms
- Trigger self healing

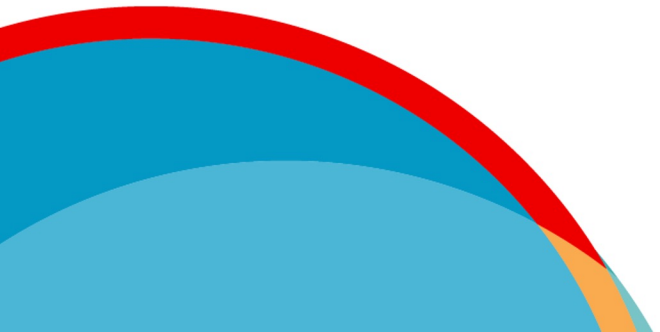


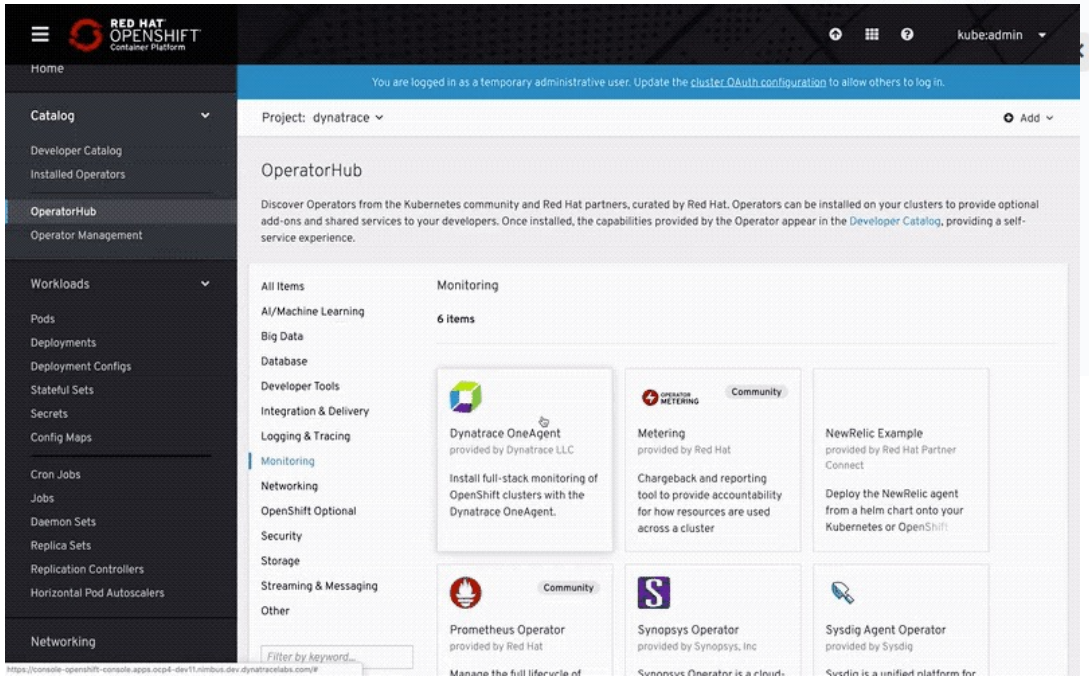
Red Hat | intel.

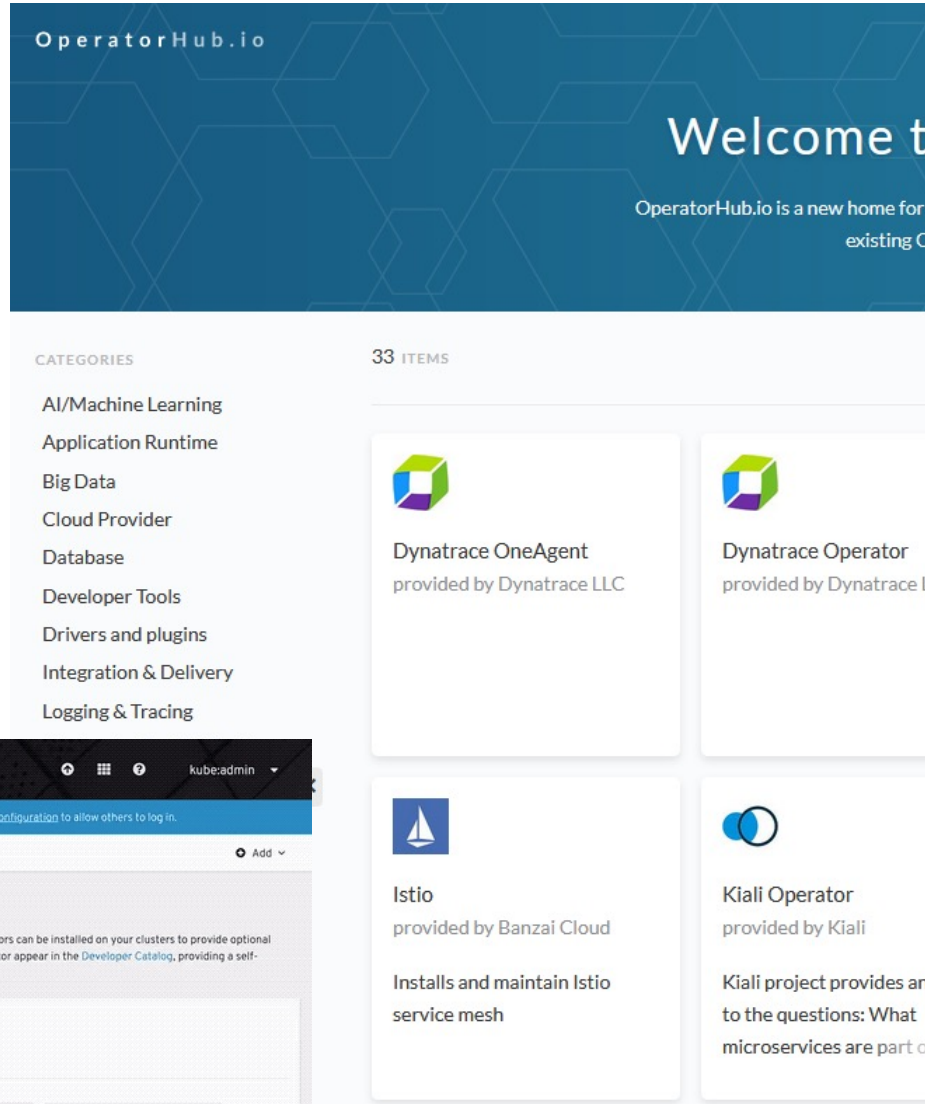
- OperatorHub.io launched by Red Hat, AWS, Microsoft and Google
- OpenShift Operator Certification
- OperatorHub integrated into OpenShift 4
- Dynatrace is the only operator monitoring solution that gives you visibility into nodes, containers, and deployed microservices down to the code-level

COMMUNITY OPERATORS

OPENSHIFT CERTIFIED OPERATORS



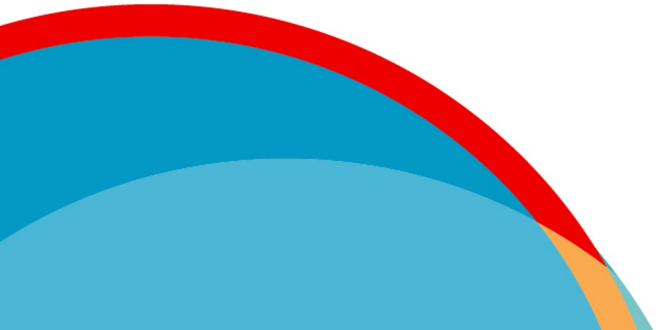




dynatrace

Red Hat | intel

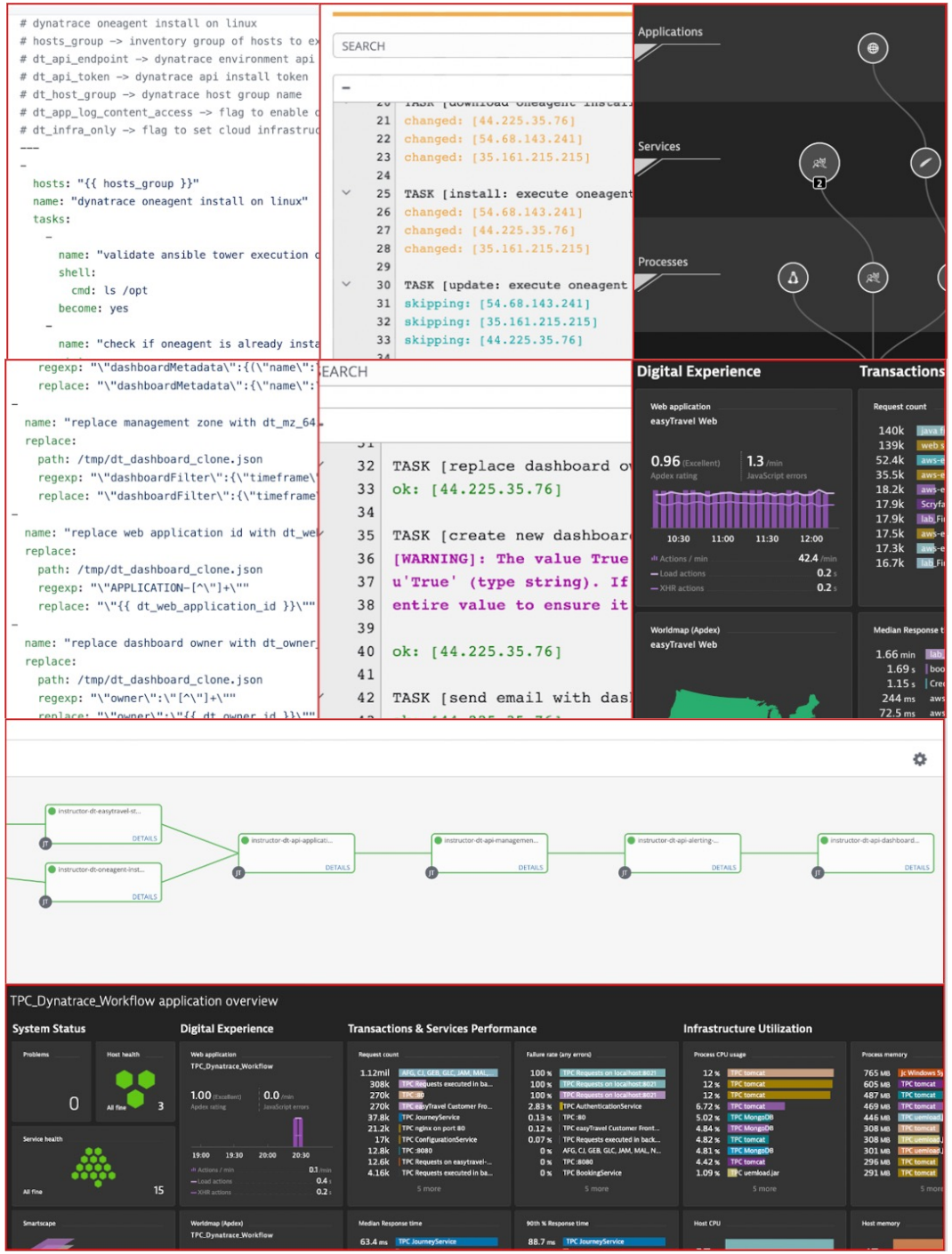
Automate with Ansible Platform & Dynatrace



dynatrace

Red Hat | intel

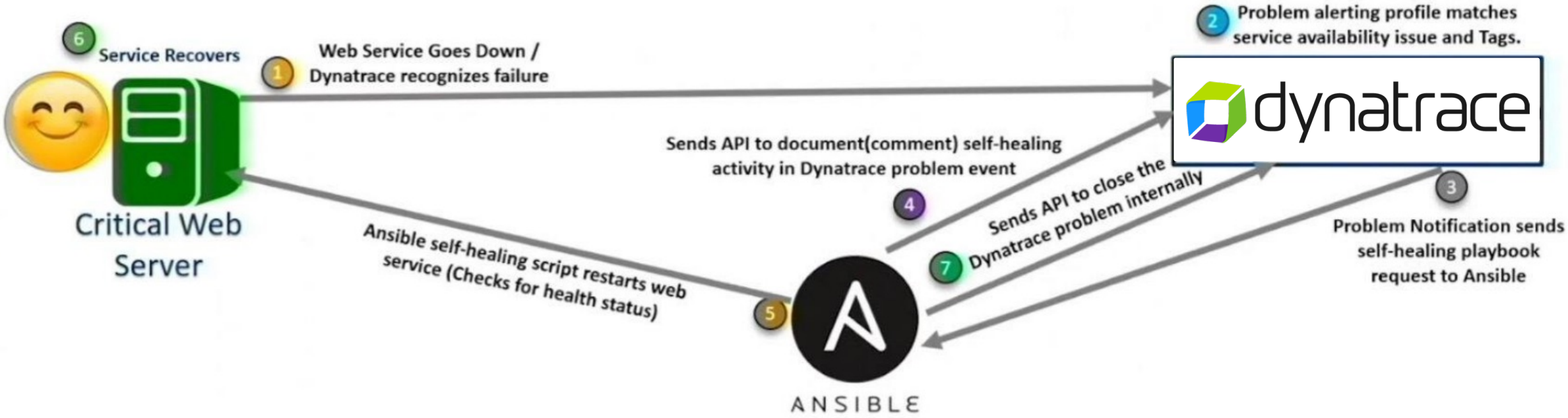
- Deploying agents to the inventory of application hosts (Linux and Windows)
- Defining applications for real user monitoring with session replay
- Configuring the mechanism to filter access, data, and alerts → GitOps!
- Setting up alert notifications through email, “ChatOps”, and 3rd party ITSM
- Automate Remediation Jobs
- Building dashboards for monitoring data consumption



Auto-Remediation with Dynatrace and Ansible Tower

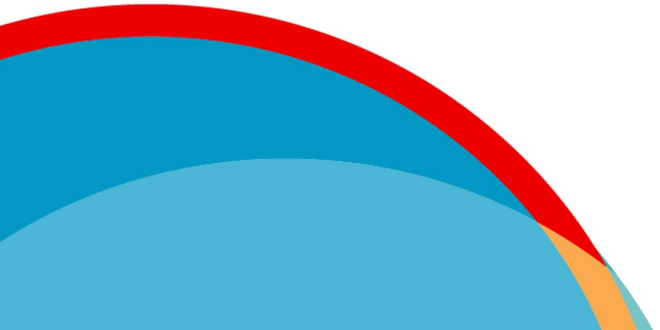
Dynatrace's AIOps platform AI to spot potential slowdowns and outages before they occur and to trigger automated actions that prevent failures. Organizations can also automate diagnosis and remediation with Dynatrace's AIOps.

AIOps helps enterprises find potential slowdowns before they happen. Learn how to use the combination of Dynatrace, ServiceNow, and Ansible to speed innovation for DevSecOps.



Red Hat | intel

Porsche Informatik accelerates innovation with **Dynatrace & Red Hat OpenShift**



dynatrace

Red Hat | intel.

- Advanced observability into cloud native applications on OpenShift
- AI-assistance to automatically process billions of dependencies to serve up precise answers
- Cross team collaboration enhances the DevOps tool chain with faster feedback loops
- Precise root-cause analysis to dramatically reduce MTTR → 80% Reduction!!

PORSCHE INFORMATIK

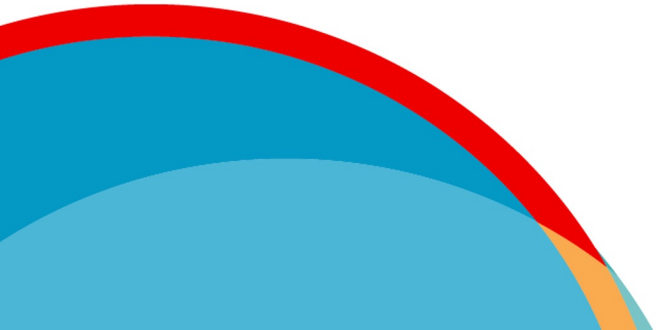
"Dynatrace's unique approach to AI-powered monitoring in the cloud cuts through complexity to give us true visibility into our OpenShift environment, so we can fully understand the user-experience."

Manfred Immitzer - Managing Director and Chief Digital Officer at Porsche Informatik

dynatrace

Red Hat | intel

Abercrombie & Fitch accelerates transformation with **Red Hat OCP and Dynatrace**

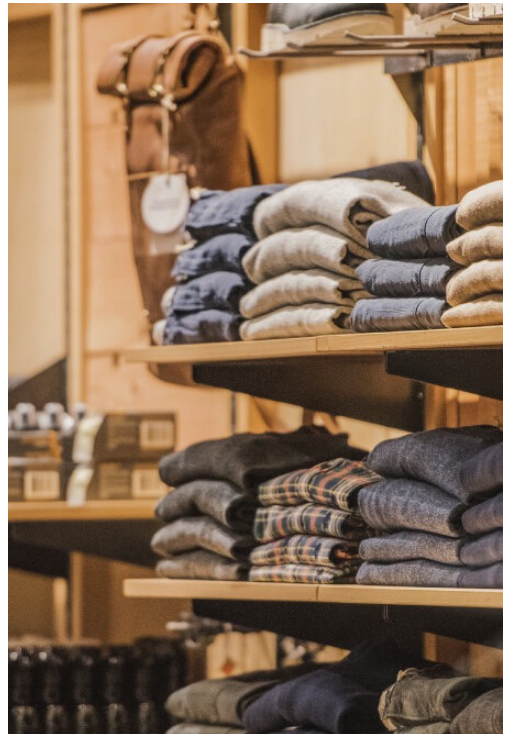


dynatrace

Red Hat | intel

- Instant insights Full-stack observability across OpenShift in hours
- Faster transformation Accelerated shift to a microservices architecture
- Constant peace of mind New microservices are automatically instrumented
- Better digital services AI-powered quality gates ensure software stability

Abercrombie & Fitch



"What enamored us with Dynatrace was that it gave us insight into things we didn't even know we wanted to see."

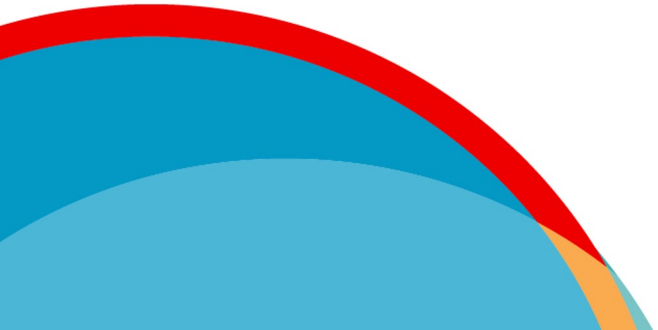
Jay Summerlot - IT Director, Abercrombie & Fitch Co.

dynatrace

Red Hat | intel

Useful links

- AIOps automates DevSecOps workflows to enable self-healing IT
- The Inside Playbook: Automate App Monitoring with Ansible Platform & Dynatrace
- CERTIFIED INTEGRATION: Ansible and DYNATRACE
- Abercrombie & Fitch accelerates transformation with Red Hat OpenShift Container Platform and Dynatrace
- Porsche Informatik accelerates innovation with Dynatrace & Red Hat OpenShift
- Video Interview with Chris Morgan – Global Technical Director for Red Hat



dynatrace

Red Hat | intel

Red Hat Summit

dynatrace

Connect

Thank you

linkedin.com/company/red-hat

facebook.com/redhatinc

youtube.com/user/RedHatVideos

twitter.com/RedHat

Red Hat | intel