

Visibility and agility with Red Hat OpenShift and NETSCOUT

Partnership benefits

- ▶ Precertified solutions
- ▶ An open source model for greater agility
- ▶ Data visibility platforms to the packet level
- ▶ Development and deployment experience consistency
- ▶ Security and service confidence
- ▶ Industry leaders and long-term partners

Introduction

The shift from 4G to 5G and fast-moving innovations in artificial intelligence and machine learning (AI/ML), multiaccess edge computing, Internet of Things (IoT), virtualization, and microservices are adding layers of complexity to information technology (IT) environments.

Enterprises are also increasingly migrating their core business services and processes to 5G and cloud-native networks. Telecommunications service providers must deliver performance, availability, and security risk visibility across any network, datacenter, and hybrid cloud as their customers' on- and off-premise IT architecture rapidly evolves.

End-to-end visibility and consistency for telco service providers

NETSCOUT and Red Hat are leaders in their respective industries and have been partners for more than five years. Their collaborative solutions provide enterprises with more agile, cloud-native environments and the visibility to resolve potential network performance issues from any access location. Companies can confidently deploy the applications and solutions they need most—across bare metal servers, edge computing, and public and private clouds.

Layered visibility gives service providers a large, single window of visibility for proactive analysis, rapid detection and isolation of issues, and faster response and resolution.

Key benefits of the NETSCOUT and Red Hat partnership

- ▶ Precertified monitoring solutions that dissolve visibility borders within a Red Hat® OpenShift® environment
- ▶ An open source model that provides greater agility—enterprises can adapt and adjust on the basis of their unique requirements
- ▶ Data visibility across Kubernetes container orchestration platforms and preprocessing at packet level
- ▶ Development and deployment consistency across environments—from private 5G through edge deployment
- ▶ Greater service and security assurance across complex microservices orchestrations

NETSCOUT off-the-shelf solutions for continuous OpenShift visibility

vSTREAM: Monitor service-critical traffic in virtualized or cloud infrastructures. Provides end-to-end visibility across on-premise datacenters, multicloud, and remote sites for scalable monitoring, reductions in mean time to repair (MTTR), and improved user experiences.

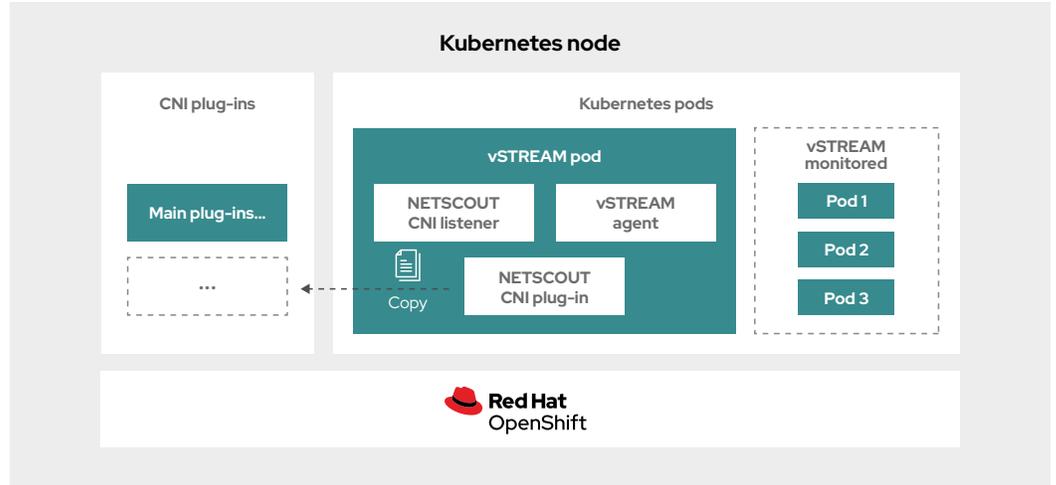
Kubernetes Container Network Interface (CNI) plug-in: The scalable plug-in facilitates traffic capture in containers for Kubernetes deployments by assessing network interfaces across network namespace boundaries without exposing bridge networks.

About NETSCOUT

NETSCOUT delivers multipurpose, real-time visibility, troubleshooting, and protection wherever your technology infrastructure and business applications reside.

NETSCOUT Smart Data gives technology and business teams the full range of performance, availability, and security risks, earlier and with more precision, to resolve problems faster. That's why the world's most demanding government, enterprise, and service provider organizations rely on NETSCOUT solutions to assure and protect the digital services that advance our connected world.

For more information, visit www.netscout.com.



NETSCOUT and Red Hat for 5G and cloud-native edge, better together

Cloud-native solutions on 5G are proliferating across industries and use cases, introducing complexity and possible vulnerabilities. Telco companies must be ready to meet their service-level agreements (SLAs) for service and security. NETSCOUT and Red Hat reduce complexity with precertified monitoring solutions and visibility across hardware, software, and cloud environments. Together, they give telco organizations, business enterprises, and government organizations the agility to transition to 5G and cloud-native combined solutions with fewer challenges along the way.

Learn more

For more information on NETSCOUT and Red Hat, visit [NETSCOUT](#) and [Red Hat telco solutions](#).



About Red Hat

Red Hat helps customers standardize across environments, develop cloud-native applications, and integrate, automate, secure, and manage complex environments with [award-winning](#) support, training, and consulting services.

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@RedHat
linkedin.com/company/red-hat

North America
1 888 REDHAT1
www.redhat.com

Europe, Middle East, and Africa
00800 7334 2835
europe@redhat.com

Asia Pacific
+65 6490 4200
apac@redhat.com

Latin America
+54 11 4329 7300
info-latam@redhat.com