

PRODUCT BRIEF



FAST FACTS

Company:
Citrix

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Company Description

Citrix (NASDAQ: CTXS) aims to power a world where people, organizations and things are securely connected and accessible to make the extraordinary possible. We help customers reimagine the future of work through a comprehensive secure digital workspace that unifies the apps, data and services people need to be productive, and simplifies its ability to adopt and manage complex cloud environments. A portfolio of market-leading cloud, collaboration, networking and virtualization technologies means that 75% of internet users go through a Citrix device. With 2017 annual revenue of \$2.82 billion, Citrix solutions are in use by more than 400,000 organizations including 99 percent of the Fortune 100 and 98 percent of the Fortune 500.

Product Profile

Citrix ADC is a proven application delivery platform that offers comprehensive L4-7 network services to all application types to improve availability, performance and security. A feature-rich, single code base across the broadest range of platforms, coupled with flexible licensing means applications can be deployed, delivered and managed centrally wherever they reside.

Overview

Citrix ADC CPX is a containerized version of Citrix ADC that provide full L4-7 functionality for cloud-native applications with operational consistency across different platforms.

Executive Summary

As businesses create bespoke platforms to meet these requirements so there is an increasing need for application services to bring better application automation, security, visibility and delivery.

Citrix has partnered with Red Hat to bring its native stack to OpenShift. This will address the needs of different stake holders and integrates with Kubernetes and CNCF tools to bring architecture choice, application availability, security and operational consistency across all your environments reducing time to innovation.

Statement from Partner

As enterprises move to deliver applications and services in containers, they want to protect their existing investment. "We live in an application-driven world. And IT organizations need to create modern environments in which they can deliver the apps in a flexible and agile way while maintaining the scalability, security and reliability of their systems," said Mihir Maniar, Vice President of Product Management, Networking, Citrix. "With our Red Hat Certified Container, we are expanding the options our customers have in doing so."

Statement from Red Hat Connect

"Developers and architects looking to build new applications in, and for the cloud, or migrate existing applications to a cloud-based infrastructure, partner with Red Hat to develop and deliver more supportable solutions sooner." said Mike Werner, Sr. Director, Global Technology Partners, Red Hat. "Red Hat certification assures a supportable platform for all types of customer deployment models. Red Hat is thrilled to work with software partners like Citrix resulting in the world's largest open, and commercially support-able application ecosystem."



Product Benefits

ADCs bring availability, performance and security to applications. The extensive Citrix ADC product portfolio helps organizations deliver and manage all their application types (traditional and micro service-based) from any data center or cloud environment in a consistent way.



- Flexibility: The broad range of ADC form-factors (physical, multi-tenant, virtual, container, bare metal, cloud) help enterprises deploy their application where it is best for them
- Consistency: Citrix uses the same code base for all its ADCs creating a consistent approach to application and service deployment, delivery and management across workloads
- Easy migration: Traditional applications are quickly and easily migrated to micro services with multi-protocol support, including TCP, TCP-SSL, UDP, HTTP/S
- Visibility and Insight: Citrix Application Delivery Management collates and analyzes telemetry data from your applications. From a single place, you can manage and scale your applications easily. Comprehensive, intuitive dashboards offer the visibility and insight required to deliver and troubleshoot your applications effectively.

With Citrix ADC, Red Hat users get:

- Simple access to Citrix ADC (CPX) to enable application load balancing, acceleration, security and offload features in a simple, easy-to-install container
- ADC components that work with CNCF open source tools, like Spinnaker and Jenkins, and simplify control of the traffic flow to canary builds and improve CI/CD workflow.
- An ingress controller, that integrates with Kubernetes Ingress and OpenShift Route and enables you to use the advanced load balancing and traffic management capabilities of Citrix ADC with your OpenShift cluster.
- Enhanced Application security with comprehensive L3-7 security functionality and secured communications between your services
- Faster troubleshooting: Integration with monitoring tools (FluentD, Grafana and Prometheus) as well as Citrix ADM to provide actionable insight for all your application issues end-to-end across all your environments simultaneously

Use Cases

- Legacy app support - Using the Citrix ingress controller with legacy apps that are TCP based. There is no need to rewrite applications.
- Rewrite/Responder policies - Extensive Rewrite/Responder policies that are deployed as APIs to developers through custom resource definitions (CRD)
- Troubleshooting micro services - Interactive Service graphs with Web Transaction Insight data identify errors and latency issues easily and quickly
- Day 0 to Day N operations - Fully supported product with security patches, new capabilities and feature enhancements through Citrix and Red Hat.



Citrix CPX and CIC are a Red Hat certified container and is available for customer download from the Red Hat certified container registry.

<https://access.redhat.com/containers/#/vendor/citrix>