Citrix ADC

Citrix ADC is an application delivery controller that performs application-specific traffic analysis to intelligently distribute, optimize, and secure Layer 4-Layer 7 (L4–L7) network traffic for web applications. For example, a Citrix ADC bases load balancing decisions on individual HTTP requests instead of on long-lived TCP connections, so that the failure or slowdown of a server is managed much more quickly and with less disruption to clients. Its feature set can be broadly consisting of switching features, security and protection features, and server-farm optimization features.

- Getting started with Citrix ADC

NITRO API

You can use the NITRO API to configure the Citrix ADC appliance. NITRO exposes its functionality through Representational State Transfer (REST) interfaces. Therefore, NITRO applications can be developed in any programming language. Additionally, for .NET, Java and Python, NITRO APIs are exposed through Software Development Kits (SDKs).

- Citrix ADC NITRO API Reference

Citrix ADC Command Line Interface

Citrix ADC appliance can be configured via a command line interface (CLI) as well as well as the GUI.

- Citrix ADC Command Reference

Simple Network Management Protocol (SNMP)

You can use Simple Network Management Protocol (SNMP) with Citrix ADC appliance to generate asynchronous events called 'traps'. The traps are generated whenever there are abnormal conditions on the Citrix ADC. The traps are then sent to a remote device called a trap listener, which signals the abnormal condition on the Citrix ADC appliance. Or, you can query the SNMP agent for System-specific information from a remote device called an SNMP manager. The agent

then searches the management information base (MIB) for the data requested and sends the data to the SNMP manager.

- Citrix ADC SNMP OID Reference
- SNMP Documentation

Syslog Messages

Monitor the syslog events generated on your Citrix ADC instances.

- Citrix ADC Syslog Messages Reference
- View and export Citrix ADC syslog messages

Classic and Advanced Policy Expressions

For many Citrix ADC features, policies control how a feature evaluates data. A policy uses a logical expression, called as rule, to evaluate data, and applies one or more actions based on evaluation. Alternatively, a policy can apply a profile, which defines a complex action.

Some Citrix ADC features use default syntax policies, which provide greater capabilities than older classic policies. If you have migrated to a newer release of the Citrix ADC software, and have configured classic policies for features that use default syntax policies, you can migrate policies to advanced policy infrastructure.

- Citrix ADC Advanced Policy Expression Reference
- Configuring advanced policy expression: getting started
- Configure advanced policy infrastructure
- Configuring classic policies and expressions