Cisco Application Visibility and Control Solution Overview

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Overview of the Cisco AVC

The Application Visibility and Control (AVC) solution is Cisco's strategic program to add application-level intelligence to a variety of network devices, beginning with branch and WAN aggregation routers and wireless LAN controllers. AVC recognizes and classifies more than 1,000 applications, and uses this classification to perform per-application monitoring of traditional NetFlow statistics, of transactional Application Response Time metrics, and of Medianet metrics such as latency and jitter. The per-application metrics are exported via Flexible NetFlow version 9 and IPFIX for analysis, reporting, and visualization by partner network management systems. Control policies, such as Quality of Service (QoS) and Cisco Performance-based Routing (PfR), can be tuned and enhanced by matching the individual applications or categories that AVC recognizes. All of this is accomplished without the need to deploy and manage separate hardware or software probes in each network location; it is integrated directly into the Cisco devices.

For more information about AVC and its architecture, see the information available in the Application Visibility and Control Developer Center at http://developer.cisco.com/web/avc/overview

For more information about AVC on the Cisco IOS-XE platform, see the *Application Visibility and Control Configuration Guide* and the *Cisco Application Visibility and Control User Guide.*