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## 简介

本文打算捕获应用程序可见性和控制(AVC)功能支持用不同的控制器版本。

## 支持的功能

这些是每个WLC平台支持的Netflow条目。

Controller Model	Netflow entries
8510	336K
WISM2	393K
5760	360K
5508	175K
2504	25K
3850	Upto 48K
3650	Upto 48K

如镜像所显示，表指示AVC功能支持用不同的AireOS版本：

7.4	7.5	7.6	8
NBAR 2 and Static			
Netflow templates on WLC	NBAR2 engine upgraded to version 13	Protocol pack 6.3 supported	NBAR2 engine upgraded to version 16
Using NBAR 2 engine and Protocol pack 1.1 with 1039 apps	Protocol pack version 4.1.1	Microsoft Lync 2013 and Cisco Jabber supported	Protocol pack upto 6.1 supported
Software based QOS with 4 queues	Supports dynamic protocol pack updates		AAA AVC override available
			User-role and device tie-in to AVC Policies

如镜像所显示，表指示AVC功能支持用WLC不同的IOS版本：

3.2 FCS	3.3	3.6
Flexible Netflow v9	NBAR2 based application recognition compiled on Gen-2 ap's with engine #13 and protocol pack 6.2.	Will support Lync 2013 and Jabber
mQC based hierarchial QoS for four h/w based wireless queues on WLC	Netflow forwarded from AP to controller every 90 seconds	NBAR 2 engine #16 and protocol pack 8.0
Tied into Flexible Netflow		Tie-in AVC to QoS (Shaping/Policing and drop will be supported)

## 与AVC的QoS功能矩阵在IOS-XE版本

QoS+AVC的上行功能一览表：

Feature	3.6			Below 3.6		
	5760	3850	AP	5760	3850	AP
SSID Marking	Yes	Yes	Yes	No	No	SSID Marking (outer CAPWAP only)
SSID Policing	Yes	No	No	No	No	No
Client Marking	Yes	Yes	Yes	No	No	No
Client Policing	Yes	No	No	No	No	No
Client AVC classification	Visibility Only	Visibility Only	Yes	No	No	Visibility Only
Drop	No	No	Yes	No	No	No

QoS+AVC的下行功能一览表：

Feature	3.6			Below 3.6		
	5760	3850	AP	5760	3850	AP
SSID Marking	Yes	Yes	NA	Yes	Yes	NA
SSID Policing	Yes	Yes	NA	Yes	Yes	NA
Client Marking	Yes	Yes	NA	Yes	Yes	NA
Client Policing	Yes	Yes	NA	Yes	Yes	NA
Client AVC classification	Yes	Yes	Yes	NA	Visibility Only	Visibility Only
Drop	No	No	No	NA	NA	NA