



PRODUCT BULLETIN NO. 3075

ANNOUNCING THE CISCO AVS 3120 APPLICATION VELOCITY SYSTEM AND CISCO AVS 3180 MANAGEMENT STATION

PRODUCT AVAILABILITY

The Cisco® AVS 3120 Application Velocity System and the Cisco AVS 3180 Management Station are expected to be orderable no later than December 15, 2005.

PRODUCT DESCRIPTION

The Cisco AVS 3120 is an enterprise data-center appliance for improving Web application performance and providing application-layer security. It is a complete enterprise application delivery solution for all Web-based enterprise applications. The Cisco AVS 3120 offers the industry's most complete set of optimizations that mitigate network latency, reduce bandwidth requirements, and offload servers. The optimizations have an immediate impact on any application and integrate smoothly with any Web front end. Table 1 lists the features and benefits of the Cisco AVS 3120 Application Velocity System.

Table 1. Features and Benefits of the Cisco AVS 3120

Features	Impact	Benefits
Network Latency Mitigation <ul style="list-style-type: none">• Request aggregation• FlashForwarding• Browser TCP multiplexing• PDF download optimization• Response redirection control	<ul style="list-style-type: none">• Dramatically improve end-user performance	<ul style="list-style-type: none">• 2–5X typical improvements in response time
Bandwidth Reduction <ul style="list-style-type: none">• Delta encoding• Dynamic browser caching• Dynamic image optimization (JPG, GIF, PNG)• Gzip/DEFLATE compression• Flexible processing rules	<ul style="list-style-type: none">• Reduce bandwidth costs• Delay or eliminate network upgrades• Improve end-user performance	<ul style="list-style-type: none">• 70–90 percent typical reduction in bandwidth use
Server CPU Offload <ul style="list-style-type: none">• Configurable dynamic caching• Load-based caching• Lazy request evaluation• Single sign-on optimizations• TCP connection multiplexing• Secure Sockets Layer (SSL) offload and acceleration• Static caching• XML offload	<ul style="list-style-type: none">• Delay or reduce server purchases• Minimize application licenses• Improve performance	<ul style="list-style-type: none">• 80 percent typical reduction in server cycles

In addition to the core application optimization functions described above, the Cisco AVS 3120 includes both an onboard Web-based GUI device management system and the AppScreen Web Application Firewall (AppScreen). The Cisco AVS 3120 AppScreen provides “day-zero” protection using a rules-based, policy-driven approach. This integrated approach offers complete flexibility and helps secure your application infrastructure (even encrypted SSL transactions) from entire classes of HTTP- and HTTPS-based threats. AppScreen also provides protection against entire classes of attacks, unlike signature-based protection, which handles only specific, known threats; or learned-rules-based protection, which requires an extensive training phase.

CISCO AVS 3180 MANAGEMENT STATION

The Cisco AVS 3180 Management Station is an optional appliance-based management console for configuring and managing multiple Cisco AVS 3110 and 3120 appliances.

A core component of the Cisco AVS 3180 Management Station is the AppScope Monitor, which measures application performance. It works in tandem with Cisco AVS 3110 and 3120 appliances to monitor end-to-end application performance.

APPSCOPE MONITOR

The Cisco AVS AppScope Monitor (AppScope) is the industry’s only agentless, end-to-end application performance measurement solution. Installed in the data center alongside the Cisco AVS 3110 or 3120, it provides a lightweight way for organizations to monitor, measure, and report end-user response times from a central location. AppScope measures the true application performance as realized by real end users—nothing is simulated. It breaks down response times into individual components that allow better allocation of IT resources and greatly reduce mean time to repair.

ORDERING INFORMATION

Table 2 provides ordering information for the Cisco AVS 3120 Application Velocity System and the Cisco AVS 3180 Management Station.

Table 2. Ordering Information for the Cisco AVS 3120 Application Velocity System and Cisco AVS 3180 Management Station

Part Number	Description	Service Category
AVS-3120-K9	Cisco AVS 3120 Application Velocity System Appliance with 10/100/1000BASE-T Ethernet port	C
AVS-SW-5.0	Software for the Cisco AVS 3120. Includes Application Acceleration Module, AppScreen Web Application Firewall, and Web-based GUI device manager.	C
AVS-3180-MGMT-K9	Cisco AVS 3180 Management Station for Cisco AVS 3110 and 3120 appliances	C
AVS-MGMT-SW-5.0	Software for the Cisco AVS 3180 Management Station. Includes Web-based GUI management for multiple AVS 3110 and 3120 appliances and the AppScope Monitor client.	C

Note: The AVS 3180 AppScope performance monitor feature requires a Cisco AVS 3120 appliance. The Cisco AVS 3110 appliance comes with all software, including AppScope.

TECHNICAL SUPPORT

The Cisco AVS 3120 and 3180 appliances have normal Cisco SMARTnet® support options, which will be available when the solutions are orderable. Part numbers will be communicated in another product bulletin when this system is orderable.

FOR MORE INFORMATION

To find out more about Cisco AVS 3100 Series application velocity systems, visit: <http://www.cisco.com/go/avs>



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