Cisco Application-Oriented Networking— Announcing Cisco AON Software Release 2.4

PB340184

Figure 1.   Cisco AON Product Family

Cisco® is pleased to announce the Cisco AON 2.4 software release for its Application-Oriented Networking (AON) technology. Cisco AON is an intelligent message-routing system that comprises a new category of network-embedded products and solutions that mark the convergence of intelligent networks with applications based on highly distributed, service-oriented, and traditional architectures.

Cisco AON Product Portfolio

Cisco AON 2.4 marks another significant milestone in the product roadmap, introducing several key new features while continuing to offer higher performance and deliver enhanced usability and manageability.

- Improved management infrastructure: Cisco AON Release 2.4 introduces additional security enhancements such as role-based access controls, lifecyle management across different deployment tiers, and a scriptable interface (PMI, or Programmatic Management Interface) for automating routine tasks.

- Application Quality of Service (AppQoS): Cisco AON offers an industry-first AppQoS feature that helps users set application message- and transaction-level priorities and align them with network-level QoS capabilities.

- Out-of-band message processing through promiscuous mode: Cisco AON provides the capability to receive and process messages without introducing latency in the flow of inline network traffic, helping enable out-of-band monitoring and analysis. This release includes User Datagram Protocol (UDP) support as well as time-interval sampling support.

- Additional adapter support: Cisco AON continues to add new adapters to its existing list of application transport protocols. With this release Cisco AON adds support for BEA WebLogic JMS, Simple Mail Transfer Protocol (SMTP), UDP, and Radius adapters.

Cisco AON Form Factors

Cisco AON Release 2.4 is available on the following three Cisco form factors—two that integrate into existing Cisco switches and routers and a standalone appliance form factor:

- Cisco Catalyst® 6500 Series AON service module, primarily deployed in the enterprise core or in data centers
- Cisco Integrated Services Router (ISR) 26xx through 38xx series AON module, primarily deployed at branch offices
- Cisco 8340 Series AON Appliance for data center and network-gateway applications

Table 1 outlines Cisco AON hardware and software compatibility.

Table 1.   Cisco AON Hardware and Software Compatibility

	Cisco 6500 Catalyst Switch	**Cisco 2600/2800/3700/3800 Series Routers**	**Cisco AON 8300 Appliance**
Hardware models supported	WS-6509-E, WS-C6509, WS-6513, WS-C6506, WS-6503, WS-6513, WS-C6509-NEB-A	Cisco 2610XM, 2611XM, 2620XM, 2650XM, 2651XM, 2691XM, 2811, 2821, 2851, 3725, 3745, 3825, 3845	Cisco AON 8340 Appliance
Cisco IOS® Software supported	Native/Sup2 & Native/Sup720: 12.2(18)SXF2 Hybrid/Sup2: 8.5(4) & MCF2: 12.2(18)SXF2	Cisco IOS 12.4(9)T CCO on 6/19/06	N/A
Cisco AON software supported	AON Software v2.4 for Cisco Catalyst 6500 Series	Cisco AON Software 2.4 for Cisco 2600/2800/3700/3800 series routers	Cisco AON Software 2.4 for AON 8300 Series

Availability

Customers in Europe and in the United States who want to purchase Cisco AON modules can place an order by calling a Cisco customer service representative starting March 15, 2007.

Ordering Information

Table 2 lists ordering information for Cisco AON modules.

Table 2.   Ordering information for Cisco AON Modules

Items	Part Number	Description
Cisco Catalyst 6500 Series	• WS-SVC-AON-1-K9=	Cisco Catalyst 6500 Series Application-Oriented Networking Module (spare)
	• SC-SVC-AON-2.4-K9	Cisco AON Software v2.4 for Cisco Catalyst 6500 Series Application-Oriented Networking Module
Cisco 2600/2800/3700/ 3800 series	• NME-AON-K9=	Cisco 2600/2800/3700/3800 Series Application-Oriented Networking Module (spare)
	• SF-NME-AON-2.4-K9	Cisco AON Software v2.4 for Cisco 2600/2800/3700/3800 Series AON Module
Cisco AON 8300 Series Appliance	• APL-AON-8340-K9=	Cisco 8340 Series Application-Oriented Networking Appliance
	• SA-APL-AON-2.4-K9	Cisco AON Software v2.4 for AON 8340 Series Appliance

For More Information

For more information about Cisco AON modules, visit http://www.cisco/go/aon or contact your local Cisco account representative.

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