

Cisco Content Services Gateway – Second-Generation Release 1

Product Overview

Cisco® announces the availability of the Cisco Content Services Gateway 2 (CSG2). This next-generation content services gateway delivers best-in-class content-aware billing, content filtering, service control, traffic analysis, and data mining in a highly scalable, fault-tolerant package.

The Cisco CSG2 is part of the Cisco Service Exchange Framework for Mobile (Mobile SEF), an open platform that can readily interface to all the control elements in a mobile network, including multiple RANs, back-end billing systems, and content-filtering and compression solutions. Mobile operators can install and deploy Cisco Mobile SEF solutions without disrupting any services.

The Cisco CSG2 is an application deployed on the Cisco Service and Application Module for IP, which provides high-performance, scalable, distributed service processing for the Cisco 7600 Series Routers.

Features

Table 1 lists the new features available with the Cisco Content Services Gateway 2. The Cisco CSG2 also supports all the features available in the Cisco CSG1 Release 7 feature set.

Table 1. Cisco CSG2 Features

Feature	Description
Enhanced protocol consistency	Protocols are treated and billed in a similar manner, allowing for fewer special cases in billing and forwarding policies.
Support for IP fragmentation for all protocols	All protocols have support for IP fragmentation. The Cisco CSG1 only supported IP fragmentation for certain protocols.
P2P/Subscriber-to-subscriber billing	New command-line options enhance billing capabilities for peer-to-peer (P2P) traffic.
Multiple accounting types per service	Allows operators to perform Layer 7 inspection for different protocols under the same service.
New MIB support	New MIB support enhances Cisco CSG2 monitoring capability.

Capacity and Throughput

The increased capacity and throughput of the Cisco CSG2 will enhance the productivity for mobile operators. The Cisco CSG2 delivers the performance, density, and scalability required for comprehensive IP service delivery in large-scale deployments.

Availability

The Cisco CSG2 starts shipping on June 29 2007. Customers can purchase this new product through normal Cisco sales channels beginning July 1, 2007.

Table 2 lists the ordering information for the Cisco CSG2.

Table 2. Ordering Information

Product number	Description
Cisco Service and Application Module for IP	
WS-SVC-SAMI-BB-K9	Service Application Module for IP 6 x PPCs w/ 1GB (Crypto)
WS-SVC-SAMI-BB-K9=	Service Application Module for IP 6 x PPCs w/ 1GB Spare (Crypto)
SC-SBC-NAP-SAMI-1	No Application software load for SAMI
Software Licenses	
SC-SVC-CSG2-B1-K9	CSG2 R1 Basic SW L3/L4 and Noncommercial (Crypto)
SC-SVC-CSG2-B1-K9=	CSG2 R1 Basic SW L3/L4 and Noncommercial Spare (Crypto)
SC-SVC-CSG2-P1-K9	CSG2 R1 Premium SW (B + L7 Billing + Filtering) (Crypto)
SC-SVC-CSG2-P1-K9=	CSG2 R1 Premium SW (B + L7 Billing + Filtering) Spare (Crypto)
SC-SVC-CSG2-E1-K9	CSG2 R1 Enhanced Premium SW (P + AoC/RTSP) (Crypto)
SC-SVC-CSG2-E1-K9=	CSG2 R1 Enhanced Premium SW (P + AoC/RTSP) Spare (Crypto)
Upgrade Licenses	
FL-CSGB7CSG2B1-K9	CSG1R7 Basic to CSG2R1 Basic SW Upg (Crypto)
FL-CSGB7CSG2B1-K9=	CSG1R7 Basic to CSG2R1 Basic SW Upg Spare (Crypto)
FL-CSGP7CSG2P1-K9	CSG1R7 Prem to CSG2R1 Prem SW Upg (Crypto)
FL-CSGP7CSG2P1-K9=	CSG1R7 Prem to CSG2R1 Prem SW Upg Spare (Crypto)
FL-CSGE7CSG2E1-K9	CSG1R7 Enhd to CSG2R1 Enhd SW Upg (Crypto)
FL-CSGE7CSG2E1-K9=	CSG1R7 Enhd to CSG2R1 Enhd SW Upg Spare (Crypto)
FL-CSG2-PEP-K9=	CSG2 SW Upg - Premium to Enhanced Premium
FL-CSG2-BP-K9=	CSG2 SW Upg - Basic to Premium
FL-CSG2-BEP-K9=	CSG2 SW Upg - Basic to Enhanced Premium
Bundles (include Cisco Service and Application Module for IP)	
SAMI-CSG2-EBDL-K9=	CSG2 R1 Enhd SW (Active/Standby) + 2 SAMI Bundle (Crypto)
SAMI-CSG2-PBDL-K9=	CSG2 R1 Prem SW (Active/Standby) + 2 SAMI Bundle (Crypto)
Technical support services are orderable on these products, through Cisco Software Application Support (SAS) programs. Service part numbers can be found on Cisco.com online ordering tools and price lists.	



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