



PRODUCT BULLETIN

CISCO BROADBAND ACCESS CENTER 2.7

Cisco Systems® announces the Cisco® Broadband Access Center (BAC) 2.7. Cisco BAC provides a centralized and automated subscriber device-management system for service providers to control and configure home gateways and the IP devices behind the gateways.

The Cisco BAC platform is highly scalable and reliable, with industry-leading performance. It supports multiple technologies and devices including DOCSIS®, PacketCable™, CableHome™, and Session Initiation Protocol (SIP), as well as providing the extensibility to support customer proprietary devices. Table 1 describes the new features of Cisco BAC 2.7.

Table 1. New Features of the Cisco Broadband Access Center 2.7

| Feature | Description |
|---|---|
| Improved Kerberos Protocol Server (KDC) | Performance improvements and support for multiple realms |
| Improved Cisco BAC Server Monitoring | Cisco BAC server-specific MIBs |
| TACACS+ Support | Ability to use TACACS to log into Cisco Device Provisioning Engine (DPE) CLI |
| Docsis 2.0 | Supports latest DOCSIS standards and built-in support for managing heterogeneous networks of DOCSIS 1.0/1.1/2.0 devices |
| Promiscuous Mode Enhancements | Support for unique classes of service for each device behind a promiscuous device |
| Troubleshoot by MAC Address | Ability to turn on high log settings to troubleshoot a device without affecting system performance |
| Lease Reservation | Ability to apply lease reservations through the Cisco BAC API |
| DOCSIS Shared Secret | Granular DOCSIS shared secret assignment by Cisco DPE |
| Read-Only Admin Access | Provides additional level of access control |

AVAILABILITY

Cisco Broadband Access Center 2.7 will begin shipping July 7, 2005. Customers who want to purchase this product can place orders through their normal sales channels beginning July 7, 2005.

ORDERING INFORMATION

Table 2 provides ordering information for the Cisco Broadband Access Center 2.7.

Table 2. Part Numbers and Descriptions

| Part Number | Description |
|-----------------|--|
| BAC-BASE-2.7-K9 | Cisco BAC software components (regional distribution unit [RDU] software, Cisco Network Registrar® software, KDC software) |
| BAC-DATA-10K= | 10,000 subscriber data technology license (10,000 DOCSIS license; 30,000 computer license) |
| BAC-DATA-25K= | 25,000 subscriber data technology license (25,000 DOCSIS license; 75,000 computer license) |
| BAC-DATA-100K= | 100,000 subscriber data technology license (100,000 DOCSIS license; 300,000 computer license) |
| BAC-DATA-250K= | 250,000 subscriber data technology license (250,000 DOCSIS license; 750,000 computer license) |

| Part Number | Description |
|------------------|---|
| BAC-DATA-1M= | 1 million subscriber data technology license (1 million DOCSIS license; 3 million computer license) |
| BAC-PCABLE-10K= | 10,000 subscriber PacketCable technology license (10,000 PacketCable license; 10,000 DOCSIS license) |
| BAC-PCABLE-25K= | 25,000 subscriber PacketCable technology license (25,000 PacketCable license; 25,000 DOCSIS license) |
| BAC-PCABLE-100K= | 100,000 subscriber PacketCable technology license (100,000 PacketCable license; 100,000 DOCSIS license) |
| BAC-PCABLE-250K= | 250,000 subscriber PacketCable technology license (250,000 PacketCable license; 250,000 DOCSIS license) |
| BAC-PCABLE-1M= | 1 million subscriber PacketCable technology license (1 million PacketCable license; 1 million DOCSIS license) |
| BAC-CHOME-10K= | 10,000 subscriber CableHome technology license |
| BAC-CHOME-25K= | 25,000 subscriber CableHome technology license |
| BAC-CHOME-100K= | 100,000 subscriber CableHome technology license |
| BAC-CHOME-250K= | 250,000 subscriber CableHome technology license |
| BAC-CHOME-1M= | 1 million subscriber CableHome technology license |
| DPE-SOL-2.7= | One DPE license for the distributed processing and caching engine (Solaris-based) |
| BAC-ADDCPE-10K | 10,000 additional computer license |

FOR MORE INFORMATION

For additional product information, visit <http://www.cisco.com/en/US/products/sw/netmgts/ps529/index.html> or contact your local Cisco account representative.

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