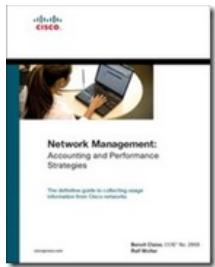


Free Book - Network Management Accounting and Performance Strategies



Network Management: Accounting and Performance Strategies imparts a deep understanding of Cisco IOS® embedded management for monitoring and optimizing performance, together with proven best strategies for both accounting and performance management.

Benoit Claise and Ralf Wolter begin by introducing the role of accounting and performance management in today's large-scale data and voice networks. They present widely accepted performance standards and definitions, along with today's best practice methodologies for data collection.

Next, they turn to Cisco devices and the Cisco IOS Software, illuminating embedded management and device instrumentation features that enable you to thoroughly characterize performance, plan network enhancements, and anticipate potential problems and prevent them. Network standards, technologies, and Cisco solutions covered in depth include Simple Network Management Protocol (SNMP) and Management Information Bases (MIB), Remote Monitoring (RMON), IP accounting, NetFlow, BGP policy accounting, AAA Accounting, Network Based Application Recognition (NBAR), and IP SLA (formerly known as SAA). For each, the authors present practical examples and hands-on techniques.

The book concludes with chapter-length scenarios that walk you through accounting and performance management for five different applications: data network monitoring, capacity planning, billing, security, and voice network performance.

Network Management: Accounting and Performance Strategies will be indispensable to every professional concerned with network performance, effectiveness, or profitability, especially NMS/OSS architects, network and service designers, network administrators, and anyone responsible for network accounting or billing.

- Compare accounting methods and choose the best approach for you
- Apply network performance best practices to your network
- Leverage built-in Cisco IOS network management system components to quantify performance
- Uncover trends in performance statistics to help avoid service degradation before it occurs
- Identify under use of network paths, so you can improve overall network efficiency

- Walk through hands-on case studies that address monitoring, capacity planning, billing, security, and voice networks
- Understand Cisco network performance, deliver on your SLAs, and improve accounting and billing

This book is part of the Networking Technology Series from Cisco Press®, which offers networking professionals valuable information for constructing efficient networks, understanding new technologies, and building successful careers.



Title: Network Management Accounting and Performance Strategies | **Size:** 10.17 MB |

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