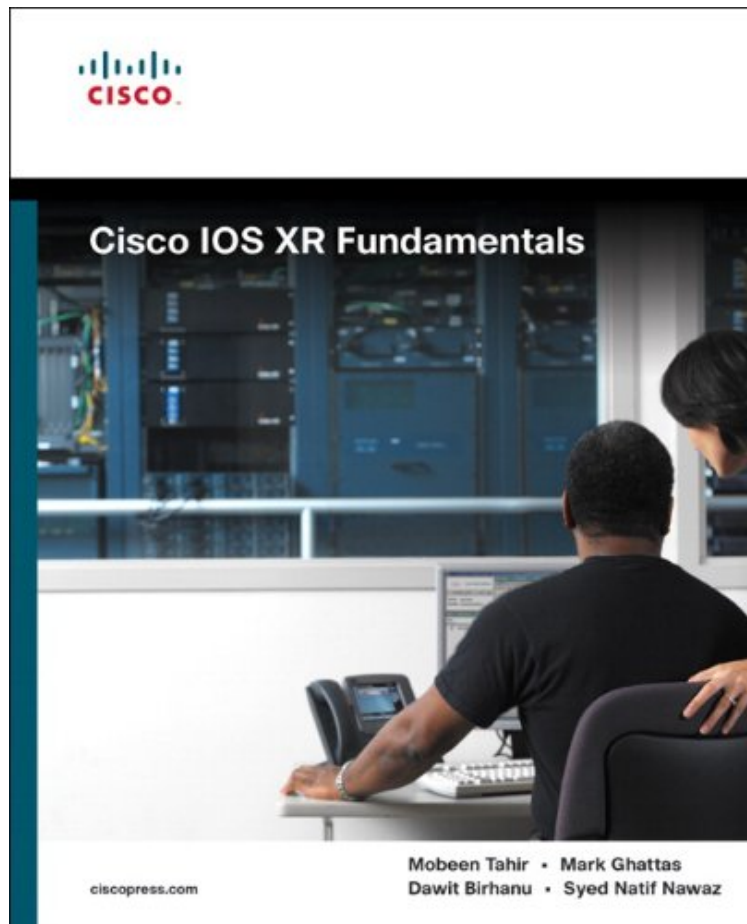


Cisco IOS XR Fundamentals (Networking Technology)

*Von Mobeen Tahir, Mark Ghattas, Dawit Birhanu, Syed Natif Nawaz
ebooks | Download PDF | *ePub | DOC | audiobook*



Produktinformation -Verkaufsrank: #547215 in eBooksVerffentlicht am: 2009-06-01Erscheinungsdatum:
2009-06-01File Name: B002C8OK90 | File size: 74.Mb

Von Mobeen Tahir, Mark Ghattas, Dawit Birhanu, Syed Natif Nawaz : Cisco IOS XR Fundamentals (Networking Technology) before purchasing it in order to gage whether or not it would be worth my time, and all praised Cisco IOS XR Fundamentals (Networking Technology):

KundenrezensionenHilfreichste Kundenrezensionen0 von 0 Kunden fanden die folgende Rezension hilfreich. Gutes Buch, viel TheorieVon Florian S.Das Buch bietet Inhaltlich viel, ist aber sehr auf die Art wie das Betriebssystem funktioniert fokussiert. Es gibt viele Konfigurationsbeispiele, die aber meistens in sehr eigenartigen Topologien gezeigt werden. Ich htte mir mehr "einfache Beispiele" gewnscht, von denen aus man sich weiterentwickeln kann.

Kurzbeschreibung Cisco IOS XR Fundamentals is a systematic, authoritative guide to configuring routers with Cisco IOS XR, the next-generation flagship Cisco Internet operating system. In this book, a team of Cisco experts brings

together quick, authoritative, and example-rich reference information for all the commands most frequently used to configure and troubleshoot Cisco IOS XR-based routers in both service provider and enterprise environments. The authors walk you through the details of the Cisco IOS XR architecture and explain commands in the new Cisco IOS XR CLI wherever required. They present concise explanations of service provider requirements and internetwork theory, backed by proven sample configurations for IOS XR services, MPLS, multicast, system management, system security, routing, and interfaces. Cisco IOS XR Fundamentals is an indispensable resource for designing, implementing, troubleshooting, administering, or selling networks containing Cisco IOS XR-supported routers. This is the only Cisco IOS XR book that: Clearly explains how Cisco IOS XR meets the emerging requirements of both current and future networks Gives network professionals extensive information for simplifying migration and taking full advantage of Cisco IOS XR's new power Presents detailed, tested configuration examples that network professionals can apply in their own networks Walks through using new Cisco IOS XR features and the In-Service Software Upgrade (ISSU) process to minimize downtime and cost Use Cisco IOS XR to deliver superior scalability, availability, security, and service flexibility Understand the Cisco IOS XR distributed, modular architecture Design, implement, and troubleshoot networks containing Cisco IOS XR-supported routers Configure Cisco IOS XR routing, including RIP, IS-IS, OSPF, and EIGRP Learn BGP implementation details specific to Cisco IOS XR and using RPL to influence policies Manage IP addresses and Cisco IOS XR services Secure Cisco IOS XR using standard and extended ACLs, prefix lists, and uRPF Master all facets of MPLS configuration, including LDP, L3VPN, and TE Configure PIM, IGMP, and static RP multicast Optimize networks using advanced Cisco IOS XR features, including secure domain routers Learn building blocks of Multishelf, and understand configurations and migration techniques This book is part of the Cisco Press Fundamentals Series. Books in this series introduce networking professionals to new networking technologies, covering network topologies, sample deployment concepts, protocols, and management techniques.

Kurzbeschreibung Cisco IOS XR Fundamentals is a systematic, authoritative guide to configuring routers with Cisco IOS XR, the next-generation flagship Cisco Internet operating system. In this book, a team of Cisco experts brings together quick, authoritative, and example-rich reference information for all the commands most frequently used to configure and troubleshoot Cisco IOS XR-based routers in both service provider and enterprise environments. The authors walk you through the details of the Cisco IOS XR architecture and explain commands in the new Cisco IOS XR CLI wherever required. They present concise explanations of service provider requirements and internetwork theory, backed by proven sample configurations for IOS XR services, MPLS, multicast, system management, system security, routing, and interfaces. Cisco IOS XR Fundamentals is an indispensable resource for designing, implementing, troubleshooting, administering, or selling networks containing Cisco IOS XR-supported routers. This is the only Cisco IOS XR book that: Clearly explains how Cisco IOS XR meets the emerging requirements of both current and future networks Gives network professionals extensive information for simplifying migration and taking full advantage of Cisco IOS XR's new power Presents detailed, tested configuration examples that network professionals can apply in their own networks Walks through using new Cisco IOS XR features and the In-Service Software Upgrade (ISSU) process to minimize downtime and cost Use Cisco IOS XR to deliver superior scalability, availability, security, and service flexibility Understand the Cisco IOS XR distributed, modular architecture Design, implement, and troubleshoot networks containing Cisco IOS XR-supported routers Configure Cisco IOS XR routing, including RIP, IS-IS, OSPF, and EIGRP Learn BGP implementation details specific to Cisco IOS XR and using RPL to influence policies Manage IP addresses and Cisco IOS XR services Secure Cisco IOS XR using standard and extended ACLs, prefix lists, and uRPF Master all facets of MPLS configuration, including LDP, L3VPN, and TE Configure PIM, IGMP, and static RP multicast Optimize networks using advanced Cisco IOS XR features, including secure domain routers Learn building blocks of Multishelf, and understand configurations and migration techniques This book is part of the Cisco Press Fundamentals Series. Books in this series introduce networking professionals to new networking technologies, covering network topologies, sample deployment concepts, protocols, and management techniques.

Synopsis The indispensable official reference to the next-generation Cisco Internet operating system, IOS-XR. - A must-have book for every network professional who must design, implement, or troubleshoot networks containing IOS-XR supported routers - Illuminates IOS-XR's architecture, offering insights that for leveraging its full potential - Helps network professionals understand and utilize features like Logical Routers and Hitless Upgrade to minimize hardware requirements, downtime, and cost

Summary Cisco IOS-XR Reference Guide is a systematic, authoritative guide to configuring routers with Cisco's next-generation flagship Internet Operating system, IOS-XR. By providing quick, authoritative example-rich references to the commands most frequently used to configure and troubleshoot IOS-XR-based routers, this book will help network professionals successfully design, implement, or support network containing Cisco IOS-XR-supported routers. The authors walk readers through the details of IOS-XR's new architecture, comparing it with the traditional IOS CLI, and mapping legacy IOS CLI to the new IOS-XR CLI wherever required. They offer extensive information for simplifying migration and helping network professionals take full advantage of IOS-XR's power. For example, the authors introduce and illuminate important new features such as Logical Routers and Hitless Upgrades: features that can be used to minimize hardware requirements, downtime, and cost. The book contains concise explanations of internetworking theory, backed by detailed, tested configuration

examples that network professionals can apply in their own networks. Sample configurations are included for: interface, IP addresses and services, MPLS, multicast, system management, system security, and routing (BGP, IS-IS, OSPF and static routing).