

Programming And Automating Cisco Networks

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Today, the best way to stay in control of your network is to address devices programmatically and automate network interactions. In this book, Cisco experts Ryan Tischer and Jason Gooley show you how to do just that. You ' ll learn how to use programmability and automation to solve business problems, reduce costs, promote agility and innovation, handle accelerating complexity, and add value in any data center, campus, LAN, or WAN.

Programming and Automating Cisco Networks: A guide to ...

In the future, the best way to stay in control of your networks will be to program and automate them. Programming and Automating Cisco Networks introduces powerful new Cisco technologies for doing just that. CCIEs Ryan Tischer and Jason Gooley begin by showing how network automation and programmability can bridge gaps in network management arising from modern operational models.

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Programming and Automating Cisco Networks: A guide to network programmability and automation in the data center, campus, and WAN (Networking Technology) 1st Edition, Kindle Edition. by Tischer Ryan (Author), Gooley Jason (Author) Format: Kindle Edition. 3.9 out of 5 stars 25 ratings. Flip to back Flip to front.

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xviii Programming and Automating Cisco Networks. Introduction. This book was designed with the focus on utilizing Cisco ACI Cisco Nexus 9000, Cisco UCS Director, Cisco (JSON), Python, Linux, Cisco APIC-EM, ConfD, and Data Models in a production environment as effectively as possible.

Programming and Automating Cisco Networks

You ' ll learn how to use programmability and automation to solve business problems, reduce costs, promote agility and innovation, handle accelerating complexity, and add value in any data center, campus, LAN, or WAN. The authors show you how to create production solutions that run on or interact with Nexus NX-OS-based switches, Cisco ACI, Campus, and WAN technologies.You ' ll learn how to use advanced Cisco tools together with industry-standard languages and platforms, including Python ...

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Drive more value through programmability and automation, freeing resources for high-value innovation Move beyond error-prone, box-by-box network management Bridge management gaps arising from current operational models Write NX-OS software to run on, access, or extend your Nexus switch Master Cisco ' s powerful on-box automation and operation tools Manage complex WANs with NetConf/Yang, ConfD, and Cisco SDN Controller Interact with and enhance Cisco Application Centric Infrastructure (ACI ...

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With network automation, you'll quickly and easily design, provision, and apply policy across your network. And in your journey to automation, you choose the path and the pace. Work with existing network and policy definitions, migrate as fast or slow as you'd like, or start from scratch.

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Improve operations and agility in any data center, campus, LAN, or WAN Today, the best way to stay in control of your network is to address devices programmatically and automate network interactions. In this book, Cisco experts Ryan Tischer and Jason Gooley show you how to do just that.

Programming and Automating Cisco Networks: A guide to ...

Programming and Automating Cisco Networks introduces powerful new Cisco technologies for doing just that. CCIEs Ryan Tischer and Jason Gooley begin by showing how network automation and programmability can bridge gaps in network management arising from modern operational models. Next, they introduce software development tools, use cases, and examples for programming the Nexus 9000 and other Cisco data center network platforms.

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Editor's note: This is a chapter excerpt from "Programming and Automating Cisco Networks: A Guide to Network Programmability and Automation in the Data Center, Campus, and WAN" by Ryan Tischer and Jason Gooley and published by Cisco Press. Network programmability is a set of tools to deploy, manage, and troubleshoot a network device. A programmability-enabled network is driven by intelligent ...

Network Programmability Basics | Network Computing

Improve operations and agility in any data center, campus, LAN, or WAN Today, the best way to stay in control of your network is to address devices programmatically and automate network interactions. In this book, Cisco experts Ryan Tischer and Jason Gooley show you how to do just that.

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