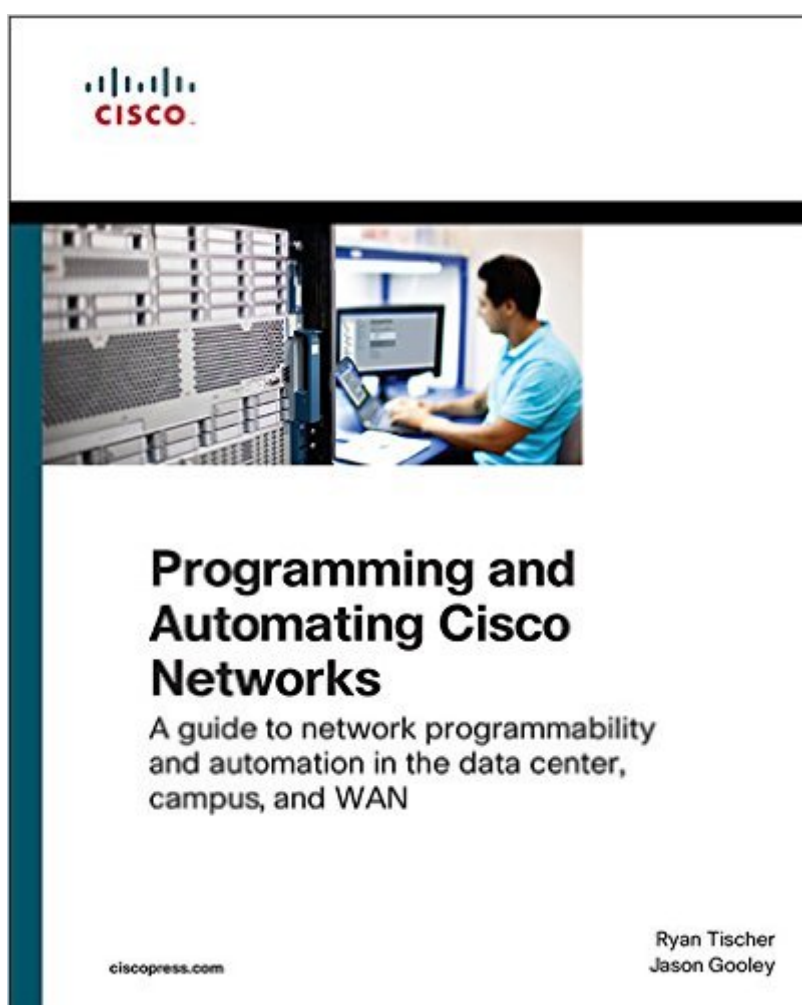


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# Programming And Automating Cisco Networks: A Guide To Network Programmability And Automation In The Data Center, Campus, And WAN (Networking Technology)



## Synopsis

Traditional approaches to network management can't handle soaring network complexity. 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. Next, they introduce software development tools, use cases, and examples for programming the Nexus 9000 and other Cisco data center network platforms. You'll find detailed coverage of programmability for Cisco campus and WAN products, including the use of NetConf/Yang, ConfD, and Cisco SDN controller for managing complex WAN environments. Tischer and Gooley then introduce Cisco's self-service catalog, Prime Services, and techniques for orchestrating multiple automation solutions to deliver applications, using Cisco Process Orchestrator. They conclude with links and references for extending your network automation skills via online communities and open source projects.

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