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XML Schema for NETCONF RPCS and Operations -- B XML Schema for NETCONF Notifications -- C Example of an IP Traffic Engineering Policy Information Base (IP TE PIB) -- D Example of an IP TE Accounting PIB -- E Description of Classes of an IP VPN Information Model -- Index

| Sommario/riassunto | Save time & resources with this comprehensive guide to automation configuration for the value-added IP services of the future. As the Internet becomes the medium of choice for value-added IP service offerings such as TV broadcasting, videoconferencing, and Voice over IP, the ability of automating configuration processes has become a key challenge for service providers. In fact, this feature has become crucial with the ever-growing level of expertise required to deploy such services and the scope of the techniques that need to be activated in order to provide such services with a guaranteed level of quality. Service Automation and Dynamic Provisioning Techniques in IP/MPLS Environments: *Discusses architectures and protocols for services information, covering the state-of-the-art in current implementations of Remote Authentication Dial-In User Service (RADIUS), Diameter, Common Open Policy Service (COPS), Simple Network Management Protocol (SNMP) and NETCONF *Explains various application examples, covering the dynamic enforcement of QoS, security, and IP Traffic Engineering policies. *Covers the automated production of MPLS-based VPNs. The authors offer an invaluable guide for IT facilitators, network managers, and researchers in industry and academia, as well as students studying advanced IP/MPLS networking communications courses. System designers and architects will also find this book helpful. |