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Autore	Alcatel-Lucent
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	Graceful Restart MechanismError Handling; Chapter 9 Security; FlowSpec; Attack Mitigation with Blackhole Action; Attack Mitigation with Redirect to VRF Action; Remote Triggered Blackholing; Generalized TTL Security Mechanism; Auto-Generation of Filters for BGP Peers; Chapter 10 General Applicability; IPv6 PE Router (6PE); Load-Balancing; IBGP-Multipath; Multipath; EIBGP Multipath; IGP Shortcuts; Split Horizon; Peer Groups; BGP in Residential Broadband Networks; QoS Policy Propagation Using BGP; Route Policy Framework; Basic Path Attribute Manipulation; Nested Policies (Next-Policy) SubroutinesNotes; Chapter 11 Looking Ahead; Ethernet VPN (EVPN); Ethernet Auto-Discovery Route; MAC Advertisement Route; Inclusive Multicast Ethernet Tag Route; Ethernet Segment Route; IP Prefix Advertisement Route; Multi-Homing Mode; Control-Plane-Only Route-Reflection; Virtual Route-Reflector; Optimal Route Reflection (ORR); Prefix Origin Validation; Link State Information Distribution Using BGP; Appendix A Path Selection Process; Best-Path Selection Algorithm; Always-Compare-MED; Deterministic MED; References and Glossary; Index
Sommario/riassunto	Design a robust BGP control plane within a secure, scalable network for smoother services A robust Border Gateway Protocol setup is vital to ensuring reliable connectivity, an essential capability for any organization. The Internet has become a necessary, always-on service in homes and businesses, and BGP is the protocol that keeps communication flowing. But BGP also has become crucial to delivery of intra-domain business services. But the network is only as reliable as BGP, so service enablement depends upon making BGP more stable, reliable, and service-rich. Alcatel-Lucent Service