



専用線機能

この章では、Cisco 10000 シリーズ ルータに対応し、Cisco IOS Release 12.2(15)BX 以上に含まれる、専用線機能に関するシスコの資料（ハイパーリンク）を示します。以下の表で、各機能に対応する文書のタイトルまたはセクションをクリックすれば、その機能の関連文書が表示されます。一部の文書は、タイトルの下に該当するセクションへのパスが記載してあります。

収録されている機能タイプは、次のとおりです。

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前提条件

この章の機能を使用するには、Cisco 10000 ルータで次の条件が満たされている必要があります。

- Cisco IOS Release 12.2(15)BX 以上が、Cisco 10000 ルータ上で実行されている。
- Performance Routing Engine (PRE) (部品番号 : ESR-PRE2) が、ルータのシャーシに搭載されている。

ATM 接続

| 機能 | 関連資料 | 備考 |
|---|---|--|
| ポイントツーポイントおよびポイントツーマルチポイントの VC、Permanent Virtual Circuit (PVC; 相手先固定接続)、ソフト Permanent Virtual Path (PVP; 相手先固定パス)、Virtual Path Connection (VPC; 仮想パス接続) | Cisco IOS Wide-Area Networking Configuration Guide, Release 12.2 Configuring ATM | Cisco 10000 ルータは、SVC、ソフト PVC、ソフト VCC には対応していません。 |

ATM QoS

| 機能 | 関連資料 |
|---|---|
| Unspecified Bit Rate (UBR; 無規定ビットレート) に対応した ATM Class of Service (CoS; サービスクラス) | Understanding the UBR Service Category for ATM Virtual Circuits technical notes Cisco 10000 Series Router Software Configuration Guide Configuring the OC-12 ATM Line Card > OC-12 ATM Commands > Interface and Subinterface Commands > Creating a PVC Configuring the 4-Port OC-3 ATM Line Card > Line Card ATM Commands > Interface and Subinterface Commands > Creating a PVC Cisco BPX 8600 Series Installation and Configuration, Release 9.3.00 Configuring ATM Connections > ATM Connection Flow > Traffic Shaping for CBR, rt-VBR, nrt-VBR, and UBR Configuring ATM Connections > ATM Connection Configuration > Unspecified Bit Rate Connections |
| VBR-nrtに対応したATM CoS | Understanding the VBR-nrt Service Category and Traffic Shaping for ATM VCs technical notes Cisco 10000 Series Router Software Configuration Guide Configuring the 4-Port OC-3 ATM Line Card > Line Card ATM Commands > ATM PVC Commands > Configuring VBR-NRT Cisco BPX 8600 Series Installation and Configuration, Release 9.3.00 Configuring ATM Connections > ATM Connection Flow > Traffic Shaping for CBR, rt-VBR, nrt-VBR, and UBR Configuring ATM Connections > ATM Connection Configuration > Variable Bit Rate Connections |

| 機能 | 関連資料 |
|---|--|
| IEEE 802.1p CoS | Cisco 10000 Series Broadband Aggregation and Leased-Line Configuration Guide, Release 12.3XI IP Quality of Service > IEEE 802.1p Class of Service Cisco IOS Desktop Switching Software Configuration Guide Creating and Maintaining VLANs > How VLAN Trunks Work > Configuring 802.1p Class of Service |
| VBR-nrt に対応した VC 単位のキューイング | Cisco IOS Quality of Service Solutions Configuration Guide, Release 12.2 Part 7:Quality of Service Solutions > IP to ATM Class of Service Overview > IP to ATM CoS Features |
| VBR-nrt に対応した VC 単位の Weighted Random Early Detection (WRED; 重み付きランダム早期検出) | Cisco IOS Quality of Service Solutions Configuration Guide, Release 12.2 Part 7:Quality of Service Solutions > IP to ATM Class of Service Overview > IP to ATM CoS Features Part 7:Quality of Service Solutions > Configuring IP to ATM Class of Service > Configuring IP to ATM CoS on a Single ATM VC Configuration Task List Part 7:Quality of Service Solutions > Configuring IP to ATM Class of Service > Per-VC WFQ and CBWFQ Configuration Task List |

AAA

| 機能 | 関連資料 |
|---|--|
| Authentication, Authorization, and Accounting (AAA; 認証、許可、アカウントニング) | Cisco IOS Security Configuration Guide, Release 12.2 Authentication, Authorization, and Accounting (AAA) > Configuring Authentication Authentication, Authorization, and Accounting (AAA) > Configuring Accounting |
| Challenge Handshake Authentication Protocol (CHAP) | Cisco IOS Security Configuration Guide, Release 12.2 Part 1:Authentication, Authorization, and Accounting (AAA) > Configuring Authentication > Non-AAA Authentication Methods > Enabling CHAP or PAP Authentication |
| IS-IS HMAC-MD5 認証 | IS-IS HMAC-MD5 Authentication and Enhanced Clear Text Authentication, Release 12.0(21)ST and 12.0(22)S feature module |
| Kerberos 認証および Telnet でのクライアントサポート | Cisco IOS Security Configuration Guide, Release 12.2 Part 2:Security Server Protocols > Configuring Kerberos |
| Netflow アカウンティング (バージョン 1、5、および 8) | Cisco IOS NetFlow Technical Documents white papers Cisco IOS NetFlow MPLS Egress NetFlow Accounting, Release 12.0(10)ST feature module NetFlow Aggregation, Release 12.0(3)T feature module |
| Password Authentication Protocol (PAP) | Cisco IOS Security Configuration Guide, Release 12.2 Part 1:Authentication, Authorization, and Accounting (AAA) > Configuring Authentication > Non-AAA Authentication Methods > Enabling CHAP or PAP Authentication |
| RADIUS 認証 | Cisco IOS Security Configuration Guide, Release 12.2 Part 2:Security Server Protocols > Configuring RADIUS |
| RPF ストリクト | Cisco IOS Security Configuration Guide, Release 12.2 Part 5:Other Security Features > Configuring Unicast Reverse Path Forwarding |

カプセル化プロトコル

| 機能 | 関連資料 |
|--|--|
| イーサネット | Ethernet Technical Support web |
| フレームリレー | Cisco IOS Configuration Fundamentals Configuration Guide, Release 12.2 Part 1: Cisco IOS User Interfaces > Using AutoInstall and Setup > Using AutoInstall > AutoInstall Configuration Task List > Configuring a Staging Router > Configuring a Frame Relay-Encapsulated Serial Interface Connection |
| High-Level Data Link Control (HDLC; ハイレベルデータリンク制御) | ISDN DDR Using HDLC Encapsulation sample configurations Cisco IOS Configuration Fundamentals Configuration Guide, Release 12.2 Part 1: Cisco IOS User Interfaces > Using AutoInstall and Setup > Using AutoInstall > AutoInstall Configuration Task List > Configuring a Staging Router > Configuring an HDLC-Encapsulated Serial Interface Connection |
| IEEE 802.1Q VLAN | Cisco IOS IEEE 802.1Q Support, Release 12.0(1)T feature module |
| PPP (ポイントツーポイント) | Cisco IOS Dial Services Configuration Guide: Terminal Services, Release 12.1 PPP Configuration > Configuring Media-Independent PPP and Multilink PPP Cisco ONS 15303 Software Configuration Guide Configuring PPP and Multilink PPP |
| Multilink PPP (MLP) | Cisco IOS Dial Services Configuration Guide: Terminal Services, Release 12.1 PPP Configuration > Configuring Media-Independent PPP and Multilink PPP Cisco ONS 15303 Software Configuration Guide Configuring PPP and Multilink PPP |
| RFC 1483 ルーティング | Cisco IOS IP and IP Routing Configuration Guide, Release 12.1 IP Routing Protocols Cisco IOS Release 12.0 Network Protocols Configuration Guide, Part 1 IP Routing Protocols |

フォワーディング

| 機能 | 関連資料 |
|------------------------------------|---|
| GRE トンネリング | GRE Tunneling on Cisco 12000 Series Internet Routers, Release 12.0(21)S feature module GRE Tunneling IPX over ISDN, Application Note |
| Packet Forwarding Engine (PFE) MIB | CISCO-ENTITY-PFE-MIB, Release 12.0(23)S feature module |
| パケット単位のロードバランシング | Per-Packet Load Balancing, Release 12.0(21)S feature module |
| Policy Based Routing (PBR) | Cisco IOS Quality of Service Solutions Configuration Guide, Release 12.2 Part 1: Classification > Configuring Policy-Based Routing |

ハードウェア サポート

| 機能 | 関連資料 |
|----------------------------------|--|
| チャネライズド E1/T1 ラインカード (24 ポート) | Cisco 10000 Series Router Software Configuration Guide Configuring the 24-Port E1/T1 Line Card |
| チャネライズド OC-12 ラインカード | Cisco 10000 Router Channelized OC-12 Line Card Installation and Configuration |
| チャネライズド T3 ラインカード (6 ポート) | Cisco 10000 Router Channelized T3 Line Card Installation and Configuration |
| ファストイーサネット ラインカード (8 ポート ハーフハイト) | Cisco 10000 Series Router Software Configuration Guide Configuring the Fast Ethernet Line Card |
| ギガビットイーサネット ラインカード (ハーフハイト) | Cisco 10000 Series Router Software Configuration Guide Configuring the Gigabit Ethernet Line Cards |
| ギガビットイーサネット ラインカード (1 ポート) | Cisco 10000 Router Single-Port Gigabit Ethernet Line Card Installation and Configuration |
| グローバルライズドチャンネル | Cisco 10000 Series Router Software Configuration Guide Configuring the Channelized OC-12 Line Card Configuring the 4-Port Channelized STM-1 Line Card |
| OC-3 ATM ラインカード (4 ポート) | Cisco 10000 Series Router Software Configuration Guide Configuring the 4-Port OC-3 ATM Line Card |
| OC-12 ATM ラインカード | Cisco 10000 Router OC-12 ATM Line Card Installation and Configuration |
| OC-3 POS ラインカード (6 ポート) | Cisco 10000 Series Router Software Configuration Guide Configuring the 6-Port OC-3 Packet over SONET Line Card |
| OC-12 POS ラインカード | Cisco 10000 Router OC-12 Packet Over SONET Line Card Installation and Configuration |
| OC-48 POS ラインカード | OC48 POS Line Card |
| PRE | Cisco 10000 Family Router Performance Routing Engine Installation and Configuration Cisco 10000 Series Router Software Configuration Guide Technology of Edge Aggregation: Cisco 10000 Series Edge Services Router Cisco 10000 Series Router Technology > Performance Routing Engine Description |
| STM-1 ラインカード (4 ポート) | Cisco 10000 Series Router Channelized STM-1 Line Card Installation |
| 非チャネライズド E3/T3 ラインカード (8 ポート) | Cisco 10000 Series Router Software Configuration Guide Configuring the 8-Port E3/T3 Line Card |

ハイアベイラビリティ

| 機能 | 関連資料 |
|--|---|
| Automatic Protection Switching (APS; 自動保護スイッチング—シングルルータ) | Cisco 10000 Series Router Software Configuration Guide Configuring Automatic Protection Switching |
| 自動シャットダウン機能の変更 | Cross-Platform Release Notes for Cisco IOS Release 12.0 S, Part 2: New Features and Important Notes New and Changed Information > New Features in Cisco IOS Release 12.0(22)S > Auto-Shutdown Feature Changes New and Changed Information > New Features in Cisco IOS Release 12.0(22)S > facility-alarm command |
| コアおよび吸気口のクリティカル温度スレッショールド | Release Notes for the Cisco 10000 Series ESR for Cisco IOS Release 12.0(21)SX1 New and Changed Features in Cisco IOS Release 12.0(21)SX1 > Core and Intake Critical Temperature Thresholds |
| フレームリレーの高速リスタート | Frame Relay Fast Restart, Release 12.0(22)S feature module |
| Hot Standby Routing Protocol (HSRP) | HSRP Support, Product Bulletin - No. 768 Using HSRP for Fault-Tolerant IP Routing Catalyst 3550 Multilayer Switch Software Configuration Guide, Release 12.1(9)EA1 Configuring HSRP |
| IEEE 802.1Q VLAN に対応した HSRP | Hot Standby Router Protocol Features and Functionality technical note HSRP Support, Product Bulletin No. 768 |
| Multiplex Section Protection (MSP) | Cisco 10000 Edge Services Router Four-Port Channelized STM-1 Interface Module data sheet |
| Online Insertion and Removal (OIR; ホットスワップ) | Cisco 10000 Series Router Software Configuration Guide Configuring the 24-Port E1/T1 Line Card > Command Descriptions > Simulating Line Card Installation and Removal Configuring the 24-Port E1/T1 Line Card > Global Configuration Commands > Preconfiguring a Line Card > Shutting Down Line Card Simulation |
| スイッチオーバー後のコアダンプ | Post-Switchover Core Dump, Release 12.0(22)S feature module |
| Route Processor Redundancy Plus (RPR+) | RPR+ on Cisco 7500 Series Routers, Release 12.0(22)S feature module High-Availability Technology Boosts Network Uptime, Cisco IOS Software: Beyond Basic IP, Volume II, Issue 28 Route Processor Redundancy and Fast Software Upgrade on Cisco 7500 Series Routers, Release 12.0(16)ST feature module |
| SONET APS | Cisco 10000 Series Router Software Configuration Guide Configure Redundancy to Enable SONET APS |

IP およびルーティング

| 機能 | 関連資料 |
|--|--|
| スタティック ルート | Specifying a Next Hop IP Address for Static Routes technical note |
| Address Resolution Protocol (ARP) | Cisco IOS IP and IP Routing Configuration Guide, Release 12.1 IP Addressing and Services > Configuring IP Addressing > Configuring Address Resolution Methods |
| Border Gateway Protocol バージョン 4 (BGP4) | Cisco IOS IP Routing Configuration Guide, Release 12.1 IP Routing Protocols > Configuring BGP Cisco IOS Release 12.0 Network Protocols Configuration Guide, Part 1 IP Routing Protocols > Configuring BGP |
| BGP の条件付きルート インジェクション | BGP Conditional Route Injection, Release 12.0(22)S feature module |
| BGP コスト コミュニティ | BGP Cost Community, Release 12.0(24)S feature module |
| BGP ダイナミック アップデート ピア グループ | BGP Dynamic Update Peer-Groups, Release 12.0(24)S feature module |
| BGP ハイブリッド CLI | BGP Hybrid CLI, Release 12.0(22)S feature module |
| AS パス アクセス リスト 500 までの番号に対する BGP のサポート強化 | BGP Increased Support of Numbered AS-path Access Lists to 500, Release 12.0(22)S feature module |
| BGP リンク帯域幅 | BGP Link Bandwidth, Release 12.0(24)S feature module |
| BGP Next Hop 伝達 | BGP Next Hop Propagation, Release 12.0(22)S feature module |
| 最大プレフィクス限界後の BGP リスタートセッション | BGP Restart Session After Maximum-Prefix Limit, Release 12.0(22)S feature module |
| BGP ルートマップの継続 | BGP Route-map Continue, Release 12.0(24)S feature module |
| BGP ルートマップ ポリシー リストのサポート | BGP Route-Map Policy List Support, Release 12.0(22)S feature module |
| Enhanced Interior Gateway Routing Protocol (EIGRP) | Introduction to EIGRP technical note Troubleshooting EIGRP technical note Enhanced Interior Gateway Routing Protocol white paper |
| Interior Gateway Routing Protocol (IGRP) | An Introduction to IGRP white paper, Charles L. Hedrick Rutgers, The State University of New Jersey Internetworking Technologies Handbook Interior Gateway Routing Protocol |
| Internet Protocol (IP) フォワーディング | Cisco IOS IP and IP Routing Configuration Guide, Release 12.1 IP Addressing and Services > Configuring IP Services Internetworking Technology Overview Internet Protocols |
| IP イベント抑制 | IP Event Dampening, Release 12.0(22)S feature module |

| 機能 | 関連資料 |
|--|--|
| Intermediate System-to-Intermediate System (IS-IS) | <p>Cisco IOS IP and IP Routing Configuration Guide, Release 12.1</p> <p>IP Routing Protocols > Configuring Integrated IS-IS</p> <p>Cisco IOS Release 12.0 Network Protocols Configuration Guide, Part 1</p> <p>IP Routing Protocols > Configuring Integrated IS-IS</p> |
| IS-IS 増分 SPF | IS-IS Incremental SPF, Release 12.0(24)S feature module |
| Multiprotocol BGP (MP-BGP) | <p>Multiprotocol BGP, Release 11.1CC</p> <p>Cisco 10000 Series Broadband Aggregation and Leased-Line Configuration Guide, Release 12.3XI</p> <p>Configuring Remote Access to MPLS VPN > Configuration Tasks > Configuring the MPLS Core Network > Configuring Multiprotocol BGP PE to PE Routing Sessions</p> |
| Open Shortest Path First (OSPF) | <p>Cisco IOS IP and IP Routing Configuration Guide, Release 12.1</p> <p>IP Routing Protocols > Configuring OSPF</p> <p>Cisco IOS Release 12.0 Network Protocols Configuration Guide, Part 1</p> <p>IP Routing Protocols > Configuring OSPF</p> |
| OSPF の隣接フォワーディング | OSPF Forwarding Adjacency, Release 12.0(24)S feature module |
| OSPF 増分 SPF | OSPF Incremental SPF, Release 12.0(24)S feature module |
| OSPF ルートマップベースのフィルタリング | OSPF Route Map-Based Filtering, Release 12.0(24)S feature module |
| OSPF によるシャムリンクのサポート | MPLS VPN — OSPF and Sham-Link Support, Release 12.0(22)S feature module |
| OSPFによる高速Helloパケットのサポート | OSPF Support for Fast Hello Packets, Release 12.0(23)S feature module |
| Routing Information Protocol (RIP) バージョン 1 および RIP バージョン 2 | <p>Cisco IOS IP and IP Routing Configuration Guide, Release 12.1</p> <p>IP Routing Protocols > Configuring RIP</p> <p>Cisco IOS Release 12.0 Network Protocols Configuration Guide, Part 1</p> <p>IP Routing Protocols > Configuring RIP</p> |

MPLS

| 機能 | 関連資料 |
|---|--|
| MPLS Virtual Private Network (VPN;仮想私設網)内のeBGPおよび iBGP 両方に対するBGP のマルチパス負荷分散 | BGP Multipath Load Sharing for Both eBGP and iBGP in an MPLS-VPN, Release 12.0(24)S feature module BGP Multipath Load Sharing for Both eBGP and iBGP in an MPLS VPN, Release 12.2(4)T3 feature module |
| プロバイダー間の自律システム中継 | Inter-Autonomous Systems for MPLS VPNs, Release 12.0(17)ST feature module |
| ラベル スイッチ ルーティング | Multiprotocol Label Switching (MPLS) on Cisco Routers, Release 12.0(21)ST feature module |
| MPLS LDP MIB バージョン 8 アップグレード | Cisco 10000 Series Router Leased-Line MIB Specifications Guide |
| MPLS VPN | MPLS Virtual Private Networks (VPNs), Release 12.0(22)S feature module |

MPLS Traffic Engineering — TE

| 機能 | 関連資料 |
|---|---|
| MPLS Traffic Engineering (TE; トラフィック処理) | Cisco IOS Switching Services Configuration Guide, Release 12.2 Part 3: Multiprotocol Label Switching > Configuring Multiprotocol Label Switching > Configuring MPLS Traffic Engineering MPLS Traffic Engineering and Enhancements, Release 12.1(3)T feature module Multiprotocol Label Switching (MPLS) Traffic Engineering, Release 12.0(5)S feature module |
| (TE) トンネルの自動帯域幅調整 | MPLS Traffic Engineering (TE) — Automatic Bandwidth Adjustment for TE Tunnels, Release 12.0(22)S feature module |
| 自動ルート | IGX/BPX AutoRoute white paper |
| エリア間トンネル | MPLS Traffic Engineering (TE) — Interarea Tunnels, Release 12.0(22)S feature module |
| IS-IS シングル レベル | Cisco IOS IP Configuration Guide, Release 12.2 Part 2: IP Routing Protocols > Configuring Integrated IS-IS |
| OSPF (シングルおよびマルチエリア) | Cisco IOS IP Configuration Guide, Release 12.2 Part 2: IP Routing Protocols > Configuring OSPF |
| IS-IS の過負荷回避 | MPLS Traffic Engineering — Overload Avoidance Support for IS-IS, Release 12.0(22)S feature module MPLS VPN — SNMP MIB Support, Release 12.0(21)ST feature module |
| TE トンネルへの Policy Based Routing (PBR) | Cisco IOS Quality of Service Solutions Configuration Guide Part 1: Classification > Configuring Policy-Based Routing > Configuring Traffic Policing |

MPLS VPN

| 機能 | 関連資料 |
|---|---|
| 自律システム間のサポート | MPLS VPN — Interautonomous System Support , Release 12.0(22)S feature module |
| MPLS VPN | MPLS Virtual Private Networks (VPNs) , Release 12.0(22)S feature module |
| Provider Edge (PE; プロバイダー エッジ) および Customer Edge (CE; カスタマー エッジ) 間の EIGRP に対する MPLS VPN のサポート | MPLS VPN support for EIGRP between Provider Edge (PE) and Customer Edge (CE) , Release 12.0(22)S feature module |
| VPN に対する SNMP のサポート | SNMP Notification Support for VPNs , Release 12.2(2)T and 12.0(23)S feature module |
| 非オーバーラップ アドレスに対応した VPN アウエアの DHCP リレー | Cisco IOS IP Configuration Guide , Release 12.2 IP Addressing and Services > Configuring DHCP > Enabling the Cisco IOS DHCP Server and Relay Agent Features Cisco IOS DHCP Relay Agent Support for Unnumbered Interfaces , Release 12.1(2)T feature module DHCP Relay Support for MPLS VPN Suboptions , Release 12.2(4)B feature module DHCP Relay — MPLS VPN Support , Release 12.2(8)T and Release 12.2(13)T feature module |
| VRF アウエアの DHCP および BootP | Cisco DSL Remote Access to Multiprotocol Label Switching Virtual Private Network Solution Release Notes for Network Registrar , Release 5.5 |
| VRF アウエアの HSRP | Hot Standby Router Protocol Features and Functionality HSRP Features > HSRP Support for Multiprotocol Label Switching Virtual Private Networks |
| VRF スタティック ルート | MPLS Virtual Private Networks (VPNs) , Release 12.0(21)ST feature module Configuration Tasks > Configuring Static Route PE to CE Routing Sessions |
| VRF スタティック ARP | Release Notes for Cisco IOS Release 12.0(10)ST2 New and Changed Information > New Features in Release 12.0(10)ST2 > VRF-Specific Static ARP Entry Support |

マルチキャスト

| 機能 | 関連資料 |
|--|---|
| Distance Vector Multicast Routing Protocol (DVMRP) | Multicast Routing May 5, 1995 white paper IP Multicast Using GRE and DVMRP Tunnels to Provide Multicast Transit application note |
| Cisco Group Management Protocol (CGMP) | Multicast in a Campus Network:CGMP and IGMP Snooping technical note CGMP |
| Internet Group Management Protocol (IGMP) バージョン1 および2 | Catalyst 2950 Desktop Switch Software Configuration Guide, 12.1(6)EA2c Configuring IGMP Snooping and MVR > Understanding and Configuring IGMP Snooping Multicast in a Campus Network:CGMP and IGMP Snooping technical note IGMP RFC 2236, Internet Group Management Protocol, Version 2 |
| IP マルチキャスト | Cisco IOS IP and IP Routing Configuration Guide, Release 12.1 Part 3:IP Multicast > Configuring IP Multicast Routing Cisco IOS Release 12.0 Network Protocols Configuration Guide, Part 1 IP Routing Protocols > Configuring IP Multicast Routing Internet Protocol (IP) Multicast Technology Overview white paper |
| Multicast Routing Monitor (MRM) | Multicast Routing Monitor, Release 12.0(5)T feature module |
| マルチキャスト スタティック ルート | Cisco IOS IP and IP Routing Configuration Guide, Release 12.1 Part 3:IP Multicast > Using IP Multicast Tools > Configuring Multicast Routing Monitor |
| Protocol Independent Multicast (PIM) Sparse (疎)-Dense (密) モードバージョン1 および2 | PIM Version 2 feature module Configuration Guide for PIMv2 application note Cisco IOS IP and IP Routing Configuration Guide, Release 12.1 Part 3:IP Multicast > Configuring IP Multicast Routing Cisco IOS Release 12.0 Network Protocols Configuration Guide, Part 1 Part 2:IP Routing Protocols > Configuring IP Multicast Routing |

ネットワーク管理

| 機能 | 関連資料 |
|---|---|
| Cisco Discovery Protocol (CDP) | Release Notes for the Cisco 10000 Series ESR for Cisco IOS Release 12.0(21)SX Important Notes > Cisco Discovery Protocol Configuring Cisco Discovery Protocol on Cisco Routers and Switches Running Cisco IOS |
| CiscoWorks 2000 | CiscoWorks Common Services, Release 1.0 CiscoWorks Management Center for VPN Routers, Release 1.0 |
| Cisco Networking Services (CNS) コンフィギュレーションエージェント | CNS Configuration Agent, Release 12.2(2)T, 12.0(18)ST, and 12.0(22)S feature module |
| CNS イベント エージェント | CNS Event Agent, Release 12.2(2)T, 12.0(18)ST, and 12.0(22)S feature module |
| 専用線 MIB | Cisco 10000 Series Leased-Line MIB guides |
| 専用線 SNMP MIB の拡張 | Cisco 10000 Series Router Leased-Line MIB Specifications Guide |
| RSVP リフレッシュ削減および信頼性の高いメッセージング | RSVP Refresh Reduction and Reliable Messaging, Release 12.0(24)S feature module |
| SNMP バージョン 3 | Cisco IOS Configuration Fundamentals Configuration Guide, Release 12.1 Part 3: Cisco IOS System Management > Configuring SNMP Support > Configuring Simple Network Management Protocol (SNMP) > Versions of SNMP |

QoS

| 機能 | 関連資料 |
|--|---|
| Modular Quality of Service Command Line Interface (MQC; モジュラ QoS コマンドライン インターフェイス) | <p>Cisco 10000 Series Router Quality of Service Configuration Guide</p> <p>Implementing Quality of Service (QoS) white paper</p> <p>Cisco IOS Quality of Service Solutions Configuration Guide, Release 12.2</p> <p>Modular Quality of Service Command-Line Interface Overview</p> <p>Configuring the Modular Quality of Service Command-Line Interface</p> |
| Class-based Weighted Fair Queuing (CBWFQ) | <p>Cisco 10000 Series Broadband Aggregation and Leased-Line Configuration Guide, Release 12.3XI</p> <p>IP Quality of Service > Class-based Weighted Fair Queuing</p> <p>Class-Based Weighted Fair Queuing, Release 12.0(5)T feature module</p> <p>Cisco IOS Quality of Service Solutions Configuration Guide, Release 12.2</p> <p>Part 2:Congestion Management > Congestion Management Overview > Weighted Fair Queueing > Class-Based Weighted Fair Queueing</p> <p>Part 2:Congestion Management > Configuring Weighted Fair Queueing > Class-Based Weighted Fair Queueing Configuration Task List</p> |
| Class-based WRED (CBWRED) | <p>Cisco IOS Quality of Service Solutions Configuration Guide, Release 12.2</p> <p>Part 2:Congestion Management > Configuring Weighted Fair Queueing > Class-Based Weighted Fair Queueing Configuration Task List > Configuring Class Policy in the Policy Map > Configuring Class Policy Using WRED Packet Drop</p> <p>Part 3:Congestion Avoidance > Congestion Avoidance Overview > About Random Early Detection</p> <p>Part 3:Congestion Avoidance > Configuring Weighted Random Early Detection</p> |
| Frame Relay Traffic Shaping (FRTS) | <p>Cisco IOS Quality of Service Solutions Configuration Guide, Release 12.2</p> <p>Part 4:Policing and Shaping > Policing and Shaping Overview > Traffic Shaping > Frame Relay Traffic Shaping</p> <p>Cisco 10000 Series Router Software Configuration Guide</p> <p>Configuring Quality of Service > Frame Relay QoS Configuration Procedure > Frame Relay Traffic Shaping</p> |
| Generic Traffic Shaping (GTS) | <p>Cisco IOS Quality of Service Solutions Configuration Guide, Release 12.2</p> <p>Part 4:Policing and Shaping > Policing and Shaping Overview > Traffic Shaping > Generic Traffic Shaping</p> <p>Part 4:Policing and Shaping > Configuring Generic Traffic Shaping</p> <p>Cisco 10000 Series Router Software Configuration Guide</p> <p>Configuring Quality of Service > Policy Map Commands > Generic Traffic Shaping</p> |
| Multilink Frame Relay (MLFR) | Multilink Frame Relay (FRF.16) feature module |
| Multilink PPP (MLP) | <p>Cisco ONS 15304 Software Configuration Guide</p> <p>Configuring PPP and Multilink PPP > Configure Multilink PPP</p> |

| 機能 | 関連資料 |
|---|---|
| Link Fragmentation and Interleaving (LFI) 搭載 Multilink PPP (MLP) (シングルインターフェイス上) | Link Fragmentation and Interleaving for Frame Relay and ATM Virtual Circuits feature module Cisco IOS Quality of Service Solutions Configuration Guide, Release 12.2 Part 6:Link Efficiency Mechanisms > Configuring Link Fragmentation and Interleaving for Frame Relay and ATM Virtual Circuits |
| Link Fragmentation and Interleaving (LFI) 搭載 Multilink PPP (MLP) (バンドルインターフェイス上) | Cisco IOS Quality of Service Solutions Configuration Guide, Release 12.2 Part 6:Link Efficiency Mechanisms > Configuring Link Fragmentation and Interleaving for Multilink PPP |
| ネスト化されたポリシー | Cisco 10000 Series ESR Nested Policies, Release 12.0(22)S feature module |
| Policy Based Routing (PBR) | Policy-Based Routing white paper Cisco IOS Quality of Service Solutions Configuration Guide, Release 12.2 Part 1:Classification > Classification Overview > Policy-Based Routing Part 1:Classification > Configuring Policy-Based Routing |
| Policy Propagation on BGP (PPB) | Cisco IOS Quality of Service Solutions Configuration Guide, Release 12.2 Part 1:Classification > Classification Overview > QoS Policy Propagation via Border Gateway Protocol Part 1:Classification > Configuring QoS Policy Propagation via Border Gateway Protocol |
| ATM PVC 上の Priority Queuing (PQ) /CBWFQ | Cisco IOS Quality of Service Solutions Configuration Guide, Release 12.2 Part 2:Congestion Management > Congestion Management Overview > Priority Queueing Part 2:Congestion Management > Configuring Priority Queueing Part 2:Congestion Management > Congestion Management Overview > Weighted Fair Queueing > Class-Based Weighted Fair Queueing Part 2:Congestion Management > Configuring Weighted Fair Queueing > Class-Based Weighted Fair Queueing Configuration Task List |
| QoS Policy Propagation through Border Gateway Protocol (QPPB;BGP による QoS ポリシー伝達) | Cisco IOS Quality of Service Solutions Configuration Guide, Release 12.2 Part 1:Classification > Classification Overview > QoS Policy Propagation via Border Gateway Protocol Part 1:Classification > Configuring QoS Policy Propagation via Border Gateway Protocol |
| サブインターフェイス ポリシー マップ | Cross-Platform Release Notes for Cisco IOS Release 12.0 S, Part 2:New Features and Important Notes New and Changed Information > New Features in Cisco IOS Release 12.0(22)S > Subinterface Policy Maps Cisco IOS Quality of Service Solutions Configuration Guide, Release 12.2 Part 8:Modular Quality of Service Command-Line Interface > Configuring the Modular Quality of Service Command-Line Interface > Configuring the Modular Quality of Service Command-Line Interface > Attaching a Traffic Policy to an Interface |
| ターボ QoS | Turbo Access Control Lists, Release 12.1(5)T feature module |

セキュリティ

| 機能 | 関連資料 |
|---|--|
| Access Control List (ACL; アクセス制御リスト) (標準および拡張) | Cisco IOS Security Configuration Guide, Release 12.2 Traffic Filtering and Firewalls > Access Control Lists: Overview and Guidelines |
| RPF ストリクト | Cisco IOS Security Configuration Guide, Release 12.2 Part 5: Other Security Features > Configuring Unicast Reverse Path Forwarding |
| Terminal Access Controller Access Control System Plus (TACACS+) | Cisco IOS Security Configuration Guide, Release 12.2 Part 2: Security Server Protocols > Configuring TACACS+ |
| ターボ ACL | Turbo Access Control Lists, Release feature module |

トラフィック フィルタリング

| 機能 | 関連資料 |
|--|---|
| BGP プレフィクススペースの アウトバウンド ルート フィ ルタリング | BGP Prefix-Based Outbound Route Filtering, Release 12.0(22)S feature module |
| OSPF ルート マップベースの フィルタリング | OSPF Route Map-Based Filtering, Release 12.0(24)S feature module |

