

音声関連の RFC

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概要

このドキュメントは、VoIP、QoS、および関連トピックなどの音声関連のすべての RFC の包括的なリストで構成されています。RFC に関する情報は『[Internet Engineering Task Force \(IETF\)](#)』を参照してください。

前提条件

要件

このドキュメントに特有の要件はありません。

使用するコンポーネント

このドキュメントの内容は、特定のソフトウェアやハードウェアのバージョンに限定されるものではありません。

表記法

ドキュメント表記の詳細は、『[シスコ テクニカル ティップスの表記法](#)』を参照してください。

音声とビデオに関する RFC

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- [2032](#) RTP Payload Format for H.261 Video Streams
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- [2423](#) VPIM Voice Message MIME Sub-type Registration
- [2327](#) [SDP](#) : Session Description Protocol*
- [2343](#) RTP Payload Format for Bundled MPEG
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- [2429](#) [RTP Payload Format for the 1998 Version of ITU-T Rec.H.263 Video \(H.263+\)](#)』
- [2431](#) RTP Payload Format for BT.656 Video Encoding
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- [2833](#) RTP Payload for DTMF Digits, Telephony Tones and Telephony Signals*
- [2848](#) [The PINT Service Protocol](#) : Extensions to SIP and SDP for IP Access to Telephone Call Services*
- [2862](#) RTP Payload Format for Real-time Pointers
- [2871](#) A Framework for Telephony Routing over IP*
- [2879](#) Content Feature Schema for Internet Fax (V2)*
- [2880](#) Internet Fax T.30 Feature Mapping*
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- [3016](#) RTP Payload Format for MPEG-4 Audio/Visual Streams
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- [3309](#) Stream Control Transmission Protocol (SCTP) Checksum Change
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- [3551](#) RTP Profile for Audio and Video Conferences with Minimal Control
- [3555](#) MIME Type Registration of RTP Payload Formats
- [3556](#) Session Description Protocol (SDP) Bandwidth Modifiers for RTP Control Protocol (RTCP) Bandwidth
- [3557](#) RTP Payload Format for European Telecommunications Standards Institute (ETSI) European Standard ES 201 108 Distributed Speech Recognition Encoding
- [3558](#) RTP Payload Format for Enhanced Variable Rate Codecs (EVRC) and Selectable Mode Vocoders (SMV)
- [3603](#) Private Session Initiation Protocol (SIP) Proxy-to-Proxy Extensions for Supporting the PacketCable Distributed Call Signaling Architecture
- [3605](#) Real Time Control Protocol (RTCP) Attribute in Session Description Protocol (SDP)
- [3611](#) RTP Control Protocol Extended Reports (RTCP XR)
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- [3690](#) IP Telephony Requirements for Emergency Telecommunication Service (ETS)
- [3698](#) [Lightweight Directory Access Protocol \(LDAP\)](#) : Additional Matching Rules
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- [3703](#) Policy Core Lightweight Directory Access Protocol (LDAP) Schema
- [3761](#) The E.164 to Uniform Resource Identifiers (URI) Dynamic Delegation Discovery System (DDDS) Application (ENUM)
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- [3764](#) Enumservice Registration for Session Initiation Protocol (SIP) Addresses-of-Record*
- [3771](#) The Lightweight Directory Access Protocol (LDAP) Intermediate Response Message
- [3773](#) High-Level Requirements for Internet Voice Mail
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- [3802](#) Toll Quality Voice - 32 kbit/s Adaptive Differential Pulse Code Modulation (ADPCM) MIME Sub-type Registration
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[QoS に関する RFC](#)

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- [1102](#) Policy Routing in Internet protocols*
- [1104](#) Models of policy based routing
- [1363](#) A Proposed Flow Specification
- [1821](#) Integration of Real-time Services in an IP-ATM Network Architecture*
- [2123](#) [Traffic Flow Measurement](#) : Experiences with NeTraMet
- [2205](#) Resource ReSerVation Protocol (RSVP) - Version 1 Functional Specification*
- [2206](#) RSVP Management Information Base (MIB) using SMIv2
- [2207](#) RSVP Extensions for IPsec Data Flows
- [2208](#) [Resource ReSerVation Protocol \(RSVP\) - Version 1 Applicability Statement](#);Some

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- [2209](#) Resource ReSerVation Protocol (RSVP) - Version 1 Message Processing Rules
- [2210](#) The Use of RSVP with IETF Integrated Services*
- [2212](#) Specification of Guaranteed Quality of Service (QoS)
- [2215](#) General Characterization Parameters for Integrated Services Network Elements*
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- [2309](#) Recommendations on Queue Management and Congestion Avoidance in the Internet
- [2330](#) Framework for IP Performance Metrics
- [2379](#) RSVP over ATM Implementation Guidelines
- [2380](#) RSVP over ATM Implementation Requirements
- [2382](#) A framework for Integrated Services and RSVP over ATM*
- [2386](#) A Framework for QoS-based Routing in the Internet
- [2430](#) A Provider Architecture for Differentiated Services and Traffic Engineering (PASTE)
- [2474](#) Definition of the Differentiated Services Field (DS Field) in the IPv4 and IPv6 Headers
- [2475](#) An Architecture for Differentiated Service*
- [2490](#) A Simulation Model for IP Multicast with RSVP
- [2676](#) QoS Routing Mechanisms and OSPF Extensions
- [2720](#) [Traffic Flow Measurement](#) : Meter MIB
- [2721](#) [RTFM](#) : Applicability Statement
- [2722](#) [Traffic Flow Measurement](#) : アーキテクチャ
- [2723](#) [SRL](#) : A Language for Describing Traffic Flows and Specifying Actions for Flow Groups
- [2724](#) [RTFM](#) : New Attributes for Traffic Flow Measurement
- [2745](#) RSVP Diagnostic Messages*
- [2746](#) RSVP Operation Over IP Tunnels
- [2747](#) RSVP Cryptographic Authentication
- [2748](#) The COPS (Common Open Policy Service) Protocol*
- [2749](#) COPS Usage for RSVP* 2750 RSVP Extensions for Policy Control*
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- [2753](#) A Framework for Policy-based Admission Control
- [2914](#) Congestion Control Principles 2990 Next Steps for the IP QoS Architecture
- [2998](#) A Framework for Integrated Services Operation over Diffserv Networks*
- [3006](#) Integrated Services in the Presence of Compressible Traffic Flows
- [3097](#) RSVP Cryptographic Authentication -- Updated Message Type Value
- [3168](#) The Addition of Explicit Congestion Notification (ECN) to IP
- [3181](#) Signaled Preemption Priority Policy Element
- [3182](#) Identity Representation for RSVP*
- [3260](#) New Terminology and Clarifications for Diffserv
- [3644](#) Policy Quality of Service (QoS) Information Model
- [3670](#) Information Model for Describing Network Device QoS Datapath Mechanisms
- [4323](#) Data Over Cable System Interface Specification Quality of Service Management Information Base (DOCSIS-QoS MIB)

シリアル (PPP、ISDN、圧縮) に関する RFC

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- [1144](#) Compressing TCP/IP Headers for Low-speed Serial Links*

- [1332 The PPP Internet Protocol: Control Protocol \(IPCP\)](#)
- [1547 Requirements for an Internet Standard Point-to-Point Protocol*](#)
- [1570 PPP LCP Extensions](#)
- [1618 PPP over ISDN*](#)
- [1661 The Point-to-Point Protocol \(PPP\)*](#)
- [1662 PPP in HDLC-like Framing*](#)
- [1663 PPP Reliable Transmission](#)
- [1841 PPP Network Control Protocol for LAN Extension](#)
- [1877 PPP Internet Protocol Control Protocol \(IPCP\) Extensions for Name Server Addresses](#)
- [1915 Variance for the PPP Connection Control Protocol and The PPP Encryption Control Protocol](#)
- [1962 PPP Compression Control Protocol \(CCP\)](#)
- [1963 PPP Serial Data Transport Protocol \(SDTP\)](#)
- [1967 PPP LZS-DCP Compression Protocol \(LZS-DCP\)](#)
- [1968 PPP Encryption Control Protocol \(ECP\)](#)
- [1989 PPP Link Quality Monitoring](#)
- [1990 The PPP Multilink Protocol \(MP\)](#)
- [1993 PPP Gandalf FZA Compression Protocol](#)
- [1994 PPP Challenge Handshake Authentication Protocol \(CHAP\)](#)
- [2043 The PPP SNA Control Protocol \(SNACP\)](#)
- [2097 The PPP NetBIOS Frames Control Protocol \(NBFCP\)](#)
- [2125 The PPP Bandwidth Allocation Protocol \(BAP\)/ The PPP Bandwidth Allocation Control Protocol \(BACP\)](#)
- [2127 ISDN Management Information Base \(MIB\) using SMIv2*](#)
- [2153 PPP Vendor Extensions](#)
- [2363 PPP over FUNI](#)
- [2364 PPP over AAL5](#)
- [2419 The PPP DES Encryption Protocol, Version 2 \(DESE-bis\)](#)
- [2420 The PPP Triple-DES Encryption Protocol \(3DESE\)](#)
- [2433 Microsoft PPP CHAP Extensions](#)
- [2484 PPP LCP Internationalization Configuration Option](#)
- [2508 Compressing IP/UDP/RTP Headers for Low-speed Serial Links*](#)
- [2516 A Method for Transmitting PPP Over Ethernet \(PPPoE\)](#)
- [2615 PPP over SONET/SDH](#)
- [2686 The Multi-Class Extension to Multi-link PPP*](#)
- [2687 PPP in a Real-time Oriented HDLC-like Framing*](#)
- [2688 Integrated Services Mappings for Low-speed Networks*](#)
- [2689 Providing Integrated Services over Low-bitrate links*](#)
- [2701 Nortel Networks Multi-link Multi-node PPP Bundle Discovery Protocol](#)
- [2716 PPP EAP TLS Authentication Protocol](#)
- [2759 Microsoft PPP CHAP Extensions, Version 2](#)
- [2823 PPP Over Simple Data Link \(SDL\) using SONET/SDH with ATM-like Framing](#)
- [3021 Using 31-bit Prefixes on IPv4 Point-to-Point Links](#)
- [3241 Robust Header Compression \(ROHC\) over PPP](#)
- [3518 Point-to-Point Protocol \(PPP\) Bridging Control Protocol \(BCP\)](#)
- [3544 IP Header Compression over PPP](#)
- [3748 Extensible Authentication Protocol \(EAP\)](#)
- [3770 Certificate Extensions and Attributes Supporting Authentication in Point-to-Point Protocol](#)

(PPP) and Wireless Local Area Networks (WLAN)

- [3772](#) Point-to-Point Protocol (PPP) Vendor Protocol
- [3817](#) Layer 2 Tunneling Protocol (L2TP) Active Discovery Relay for PPP over Ethernet (PPPoE)
- [3818](#) IANA Considerations for the Point-to-Point Protocol (PPP)
- [3544](#) IP Header Compression over PPP
- [3578](#) Mapping of Integrated Services Digital Network (ISDN) User Part (ISUP) Overlap Signalling to the Session Initiation Protocol (SIP)
- [4233](#) Integrated Services Digital Network (ISDN) Q.921-User Adaptation Layer
- [4334](#) Certificate Extensions and Attributes Supporting Authentication in Point-to-Point Protocol (PPP) and Wireless Local Area Networks (WLAN)
- [4638](#) Accommodating a Maximum Transit Unit/Maximum Receive Unit (MTU/MRU) Greater Than 1492 in the Point-to-Point Protocol over Ethernet (PPPoE)

* 特に IP テレフォニー テクノロジーと関係のある項目

[関連情報](#)

- [RFC Index](#)
- [Internet Engineering Task Force \(IETF\)](#)
- [音声に関する技術サポート](#)
- [音声およびユニファイド コミュニケーションに関するサポート ページ](#)
- [Cisco IP Telephony のトラブルシューティング](#)
- [テクニカル サポートとドキュメント - Cisco Systems](#)