JJ-22.14

企業 SIP 網に接続する SIP 端末⇔サーバ間 SDP とオファーアンサーモデル技術仕様

Ⅰ.＜概要＞

本標準は、JJ-22.01 [18] に規定されるフレームワーク標準の網接続アーキテクチャにおいて、私設総合サービス網交換機（PINX）と SIP 端末間（インタフェース E）の SDP を用いたオファーアンサーモデルによるセッション確立のための推奨仕様を規定するものである。

Ⅱ.＜参考＞

1. 国際勧告等の関連

なし

2. 参照文書

[1] RFC3264 An Offer/Answer Model with the Session Description Protocol (SDP)

[2] RFC2327 SDP: Session Description Protocol

[3] RFC3266 Support for IPv6 in Session Description Protocol (SDP)

[4] "SIP:セッション開始プロトコル(SIP: Session Initiation Protocol)", TTC 標準 JF-IETF-RFC3261 第 1 版, 情報通信技術委員会(The Telecommunication Technology Committee), 2005 年 6 月.

[5] "SDP:セッション記述プロトコル(SDP: Session Description Protocol)", TTC 標準 JF-IETF-RFC4566 第 1 版, 情報通信技術委員会(The Telecommunication Technology Committee), 2007 年 3 月.

[6] RFC 3108 "Conventions for the use of the Session Description Protocol (SDP) for ATM Bearer Connections"

[7] RFC 1889 "RTP:A Transport Protocol for Real-Time Applications"

[8] RFC 1890 "RTP Profile for Audio and Video Conferences with Minimal control"

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SDP (session description protocol) and offer-answer model technical specifications between SIP terminal <=> Servers linked to a Private SIP network

Ⅰ.＜Overview＞

This standard provides SDP (session description protocol) and offer-answer model technical specifications by applying a connection interface (interface E) between private integrated network exchange (PINX) and SIP terminal in a network connection architecture conforming to JJ-22.01 [18].

Ⅱ.＜References＞

1. Relation with international standards

None

2. References

[1] RFC3264 An Offer/Answer Model with the Session Description Protocol (SDP)

[2] RFC2327 SDP: Session Description Protocol

[3] RFC3266 Support for IPv6 in Session Description Protocol (SDP)

[4] JF-IETF-RFC3261 SIP: Session Initiation Protocol, TTC (The Telecommunication Technology Committee), 06/2005.

[5] JF-IETF-RFC4566 SDP: Session Description Protocol TTC (The Telecommunication Technology Committee), 03/2007.

[6] RFC 3108 "Conventions for the use of the Session Description Protocol (SDP) for ATM Bearer Connections"

[7] RFC 1889 "RTP:A Transport Protocol for Real-Time Applications"

[8] RFC 1890 "RTP Profile for Audio and Video Conferences with Minimal control"

[9] RFC1034 DOMAIN NAMES - CONCEPTS AND FACILITIE

[10] RFC1035 DOMAIN NAMES - IMPLEMENTATION AND SPECIFICATION

[11] RFC3490 Internationalizing Domain Names in Applications (IDNA)

[12] RFC3550 RTP: A Transport Protocol for Real-Time Applications

[13] RFC1305 Network Time Protocol (Version 3) Specification, Implementation and Analysis

[14] RFC 4567 Key Management Extensions for Session Description Protocol (SDP) and Real Time Streaming Protocol (RTSP)

[15] RFC4568 Session Description Protocol (SDP)Security Descriptions for Media Streams

[16] RFC3548 The Base16, Base32, and Base64 Data Encodings

[17] RFC2543 SIP: Session Initiation Protocol

[18]“企業 SIP 網間における相互接続インタフェース”(Technical Specifications on Inter-connection Interface between Private SIP Networks)、JJ-22.01 情報通信技術委員会(The Telecommunication Technology Committee), 2007 年 12 月

3. 改版の履歴

版数	制定日	改版内容
第 1 版	2017 年 5 月 25 日	制定

4. 標準策定部門

企業ネットワーク専門委員会

Ⅲ.＜目次＞

[9] RFC1034 DOMAIN NAMES - CONCEPTS AND FACILITIE

[10] RFC1035 DOMAIN NAMES - IMPLEMENTATION AND SPECIFICATION

[11] RFC3490 Internationalizing Domain Names in Applications (IDNA)

[12] RFC3550 RTP: A Transport Protocol for Real-Time Applications

[13] RFC1305 Network Time Protocol (Version 3) Specification, Implementation and Analysis

[14] RFC 4567 Key Management Extensions for Session Description Protocol (SDP) and Real Time Streaming Protocol (RTSP)

[15] RFC4568 Session Description Protocol (SDP)Security Descriptions for Media Streams

[16] RFC3548 The Base16, Base32, and Base64 Data Encodings

[17] RFC2543 SIP: Session Initiation Protocol

[18] JJ-22.01 Technical Specifications on Inter-connection Interface between Private SIP Networks, TTC (The Telecommunication Technology Committee), 12/2007

3. Change history

Version	Date	Outline
1	May 25, 2017	Published

4. Working Group that developed this standard

Private Network Working Group

Ⅲ.＜Table of contents＞

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5. SDP 属性

3. offer-answer model
4. SDP specification
5. SDP Attribute