JJ-22.15

企業 SIP 網に接続する SIP 端末⇔サーバ間 SIPS URI スキーム技術仕様

Ⅰ.＜概要＞

本標準は、JJ-22.01 [1] 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 : Private Integrated services Network eXchange）および SIP（Session Initiation Protocol）端末間（インタフェース C、E） の SIPS スキームを用いたセキュアな SIP 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

2.1 必須文書

[1] JJ-22.01 “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)

[2] RFC5630 The Use of the SIPS URI Scheme in the Session Initiation Protocol (SIP)

[3] RFC3261 SIP: Session Initiation Protocol

[4] RFC5246 The Transport Layer Security (TLS) Protocol Version 1.2

[5] RFC5626 Managing Client-Initiated Connections in the Session Initiation Protocol (SIP)

2.2 参考文書

[6] RFC2543 SIP: Session Initiation Protocol

[7] RFC3327 Session Initiation Protocol (SIP) Extension Header Field for Registering

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SIPS URI Scheme technical specifications between SIP terminal <=> Servers linked to a Private SIP network

Ⅰ.＜Overview＞

This standard provides SIPS URI Scheme technical specification to establish secure SIP session by applying a connection interface (interface C, E) between private integrated network exchange (PINX) and SIP terminal in a network connection architecture conforming to JJ-22.01 [1].

Ⅱ.＜References＞

1. Relation with international standards

None

2. References

2.1 Normative References

[1] JJ-22.01 Technical Specifications on Inter-connection Interface between Private SIP Networks

[2] RFC5630 The Use of the SIPS URI Scheme in the Session Initiation Protocol (SIP)

[3] RFC3261 SIP: Session Initiation Protocol

[4] RFC5246 The Transport Layer Security (TLS) Protocol Version 1.2

[5] RFC5626 Managing Client-Initiated Connections in the Session Initiation Protocol (SIP)

2.2 Informative References

[6] RFC2543 SIP: Session Initiation Protocol

[7] RFC3327 Session Initiation Protocol (SIP) Extension Header Field for Registering

Non-Adjacent Contacts

[8] RFC3515 The Session Initiation Protocol (SIP) Refer Method

[9] RFC3608 Session Initiation Protocol (SIP) Extension Header Field for Service Route Discovery During Registration

[10] RFC3725 Best Current Practices for Third Party Call Control (3pcc) in the Session Initiation Protocol (SIP)

[11] RFC3891 The Session Initiation Protocol (SIP) "Replaces" Header

[12] RFC3893 Session Initiation Protocol (SIP) Authenticated Identity Body (AIB) Format

[13] RFC3911 The Session Initiation Protocol (SIP) "Join" Header

[14] RFC4168 The Stream Control Transmission Protocol (SCTP) as a Transport for the Session Initiation Protocol (SIP)

[15] RFC4244 An Extension to the Session Initiation Protocol (SIP) for Request History Information

[16] RFC4474 Enhancements for Authenticated Identity Management in the Session Initiation Protocol (SIP)

[17] RFC5627 Obtaining and Using Globally Routable User Agent URIs (GRUU) in the Session Initiation Protocol (SIP)

3. 改版の履歴

版数	制定日	改版内容
第 1 版	2018 年 11 月 15 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＞

＜参考＞

Non-Adjacent Contacts

[8] RFC3515 The Session Initiation Protocol (SIP) Refer Method

[9] RFC3608 Session Initiation Protocol (SIP) Extension Header Field for Service Route Discovery During Registration

[10] RFC3725 Best Current Practices for Third Party Call Control (3pcc) in the Session Initiation Protocol (SIP)

[11] RFC3891 The Session Initiation Protocol (SIP) "Replaces" Header

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[14] RFC4168 The Stream Control Transmission Protocol (SCTP) as a Transport for the Session Initiation Protocol (SIP)

[15] RFC4244 An Extension to the Session Initiation Protocol (SIP) for Request History Information

[16] RFC4474 Enhancements for Authenticated Identity Management in the Session Initiation Protocol (SIP)

[17] RFC5627 Obtaining and Using Globally Routable User Agent URIs (GRUU) in the Session Initiation Protocol (SIP)

3. Change history

Version	Date	Outline
1	Nov 15, 2018	Published

4. Working Group that developed this standard

Private Network Working Group

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