ISO/IEC TR 12861:2009-04 (E)

Information technology - Telecommunications and information exchange between systems - Next Generat ion Corporate Networks (NGCN) - Identification and routing

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 2
3.1 External definitions 2
3.2 Other definitions 3

4 Abbreviated terms 3

5 Background 4

6 Identified entities 4

7 Types of identifier 5
7.1 SIP, SIPS and TEL URIs as user identifiers (AoRs) 5
7.1.1 Use of E.164 numbers 8
7.1.2 Private numbers formatted as telephone-subscriber strings 10
7.1.3 Email-style SIP URIs 11
7.2 Dial strings 12
7.3 Service identifiers 13
7.4 Device identifiers 13

8 Routing 14
8.1 General routing principles 14
8.2 Routing to the enterprise domain 15
8.3 Routing to the home server within the enterprise domain 15
8.4 Roaming considerations 16

9 Identification delivery and restriction 17
9.1 Identification delivery 17
9.2 Authenticity 17
9.3 Restriction 18

10 Summary of requirements and standardisation gaps 19
10.1 Requirements on NGNs 19
10.2 Requirements on enterprise networks 20
10.3 Standardisation gaps 20