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Electricity metering data exchange - The DLMS/COSEM suite - Part 8-4: Narrow-band OFDM PRIME PLC communication profile for neighbourhood networks

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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Part 8-4: Narrow-band OFDM PRIME PLC communication
profile for neighbourhood networks

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CONTENTS

Foreword	7
Introduction.....	8
1 Scope.....	9
2 Normative references	9
3 Abbreviations	11
4 Targeted communication environments.....	12
5 Reference model	14
5.1 Overview	14
5.2 The EN 61334-4-32 profile	15
5.3 The TCP-UDP/IPv4 profile.....	16
5.4 The TCP-UDP/IPv6 profile.....	16
6 Physical Layer (PHY)	16
6.1 General	16
6.2 PRIME PHY data plane services	16
6.3 PRIME PHY control plane services.....	16
6.4 PRIME PHY management plane services	16
7 Data link layer	17
7.1 Overview – main features and functions	17
7.2 Services used by Base Node and Service Nodes.....	18
7.3 Services used by Base Node signalling	18
7.4 Management services.....	18
8 Convergence layers.....	18
8.1 Overview	18
8.2 The EN 61334-4-32 LLC convergence sublayer.....	19
8.2.1 General	19
8.2.2 Connection management services	20
8.2.2.1 CL_432_ESTABLISH.request.....	20
8.2.2.2 CL_432_ESTABLISH.confirm	20
8.2.2.3 CL_432_JOIN.indication	21
8.2.2.4 CL_432_RELEASE.request	21
8.2.2.5 CL_432_RELEASE.confirm	22
8.2.2.6 CL_432_LEAVE.indicate	22
8.2.3 Summary of the connection management services.....	23
8.2.4 CL_432_DATA services	23
8.2.4.1 Overview.....	23
8.2.4.2 CL_432_DATA services	24
8.2.4.3 DL_Broadcast services	24
8.2.4.4 DL_Reply and DL_Update_Reply services	24
8.2.5 Addressing	24
8.2.5.1 Overview.....	24
8.2.5.2 MAC address	25
8.2.5.3 EN 61334-4-32 SSCS addresses	25
8.2.5.4 LLC addresses.....	25
8.3 The TCP-UDP/IPv4 based convergence sublayer	26
8.3.1 Overview	26
8.3.1.1 General architecture	26

8.3.1.2	The TCP connection manager	27
8.3.1.3	TCP-UDP/IPv4	27
8.3.1.4	Subnetwork gateway	27
8.3.2	Opening and closing the IPv4 SSCS	28
8.3.2.1	Introduction	28
8.3.2.2	CL_IPv4_ESTABLISH.request	28
8.3.2.3	CL_IPv4_ESTABLISH.confirm	28
8.3.2.4	CL_IPv4_RELEASE.request	29
8.3.2.5	CL_IPv4_RELEASE.confirm	29
8.3.3	Unicast address management	30
8.3.3.1	Introduction	30
8.3.3.2	CL_IPv4_REGISTER.request	30
8.3.3.3	CL_IPv4_REGISTER.confirm	31
8.3.3.4	CL_IPv4_UNREGISTER.req	31
8.3.3.5	CL_IPv4_UNREGISTER.confirm	31
8.3.4	Multicast group management	32
8.3.4.1	General	32
8.3.4.2	CL_IPv4_IGMP_JOIN.req	32
8.3.4.3	CL_IPv4_IGMP_JOIN.confirm	32
8.3.4.4	CL_IPv4_IGMP_LEAVE.request	33
8.3.4.5	CL_IPv4_IGMP_LEAVE.confirm	33
8.3.5	Data transfer	33
8.3.5.1	General	33
8.3.5.2	CL_IPv4_DATA.request	33
8.3.5.3	CL_IPv4_DATA.confirm	34
8.3.5.4	CL_IPv4_DATA.indicate	34
8.3.6	IPv4 SSCS PDUs	34
8.3.6.1	General	34
8.3.6.2	Address resolution PDUs	34
8.3.6.2.1	Overview	34
8.3.6.2.2	AR_REGISTER_S	34
8.3.6.2.3	AR_REGISTER_B	35
8.3.6.2.4	AR_UNREGISTER_S	35
8.3.6.2.5	AR_UNREGISTER_B	35
8.3.6.2.6	AR_MCAST_REG_S	35
8.3.6.2.7	AR_MCAST_REG_B	36
8.3.6.2.8	AR_MCAST_UNREG_S	36
8.3.6.2.9	AR_MCAST_UNREG_B	36
8.3.6.3	Data connection establishment	36
8.3.6.3.1	Overview	36
8.3.6.3.2	AR_LOOKUP_S	36
8.3.6.3.3	AR_LOOKUP_B	37
8.3.7	IPv4 SSCS packet format	37
8.3.7.1	General	37
8.3.7.2	IPv4 packet format without header compression	37
8.3.7.3	IPv4 packet format with Van Jacobsen header compression	37
8.3.8	Connection data	38
8.3.8.1	General	38
8.3.8.2	Connection data from the initiator	38

8.3.8.3	Connection data from the responder	38
8.4	The TCP-UDP/IPv6 based convergence sublayer	39
8.4.1	Overview	39
8.4.1.1	General architecture	39
8.4.1.2	IPv6 unicast addressing assignment	39
8.4.1.3	Role of the Base Node	39
8.4.2	IPv6 SSCS	40
8.4.2.1	General.....	40
8.4.2.2	Routing in the subnetword.....	40
8.4.2.3	CPCS: Segmentation and reassembly.....	40
8.4.3	IPv6 Address Configuration	40
8.4.3.1	Overview.....	40
8.4.3.2	Interface identifier	40
8.4.3.3	IPv6 Link local address configuration	40
8.4.3.4	Stateless address auto configuration	40
8.4.3.5	Stateful address configuration.....	40
8.4.3.6	Multicast address.....	40
8.4.3.7	Address resolution	41
8.4.3.7.1	Overview	41
8.4.3.7.2	Unicast address	41
8.4.3.7.3	Multicast address.....	41
8.4.3.7.4	Retransmission of address resolution packets	42
8.4.4	IPv6 packet transfer	42
8.4.5	Segmentation and reassembly.....	42
8.4.6	Compression	42
8.4.7	Quality of Service Mapping	43
8.4.8	Opening and closing the IPv6 SSCS.....	43
8.4.8.1	Introduction.....	43
8.4.8.2	CL_IPv6_ESTABLISH.request	43
8.4.8.3	CL_IPv6_ESTABLISH.confirm.....	44
8.4.8.4	CL_IPv6_RELEASE.request.....	44
8.4.8.5	CL_IPv6_RELEASE.confirm.....	44
8.4.9	Unicast address management.....	45
8.4.9.1	Introduction.....	45
8.4.9.2	CL_IPv6_REGISTER.request	45
8.4.9.3	CL_IPv6_REGISTER.confirm	45
8.4.9.4	CL_IPv6_UNREGISTER.request	46
8.4.9.5	CL_IPv6_UNREGISTER.confirm	46
8.4.10	Multicast group management.....	46
8.4.10.1	Introduction.....	46
8.4.10.2	CL_IPv6_MUL_JOIN.request	47
8.4.10.3	CL_IPv6_MUL_JOIN.confirm.....	47
8.4.10.4	CL_IPv6_MUL_LEAVE.request	47
8.4.10.5	CL_IPv6_MUL_LEAVE.confirm	48
8.4.11	Data transfer	48
8.4.11.1	General.....	48
8.4.11.2	CL_IPv6_DATA.request	48
8.4.11.3	CL_IPv6_DATA.confirm	48
8.4.11.4	CL_IPv6_DATA.indicate.....	49

8.4.12 IPv6 SSCS PDUs	49
8.4.12.1 General.....	49
8.4.12.2 Address resolution PDUs	49
8.4.12.2.1 Overview	49
8.4.12.2.2 AR_REGISTERv6_S	49
8.4.12.2.3 AR_REGISTERv6_B	49
8.4.12.2.4 AR_UNREGISTERv6_S	50
8.4.12.2.5 AR_UNREGISTERv6_B	50
8.4.12.2.6 AR_MCAST_REGv6_S	50
8.4.12.2.7 AR_MCAST_REGv6_B	50
8.4.12.2.8 AR_MCAST_UNREGv6_S	51
8.4.12.2.9 AR_MCAST_UNREGv6_B	51
8.4.12.3 Data connection establishment	51
8.4.12.3.1 Overview	51
8.4.12.3.2 AR_LOOKUPv6_S	51
8.4.12.3.3 AR_LOOKUPv6_B	52
8.4.13 IPv6 Packet format	52
8.4.13.1 General.....	52
8.4.13.2 No negotiated header compression	52
8.4.13.3 Header compression	52
8.4.14 Connection data	53
8.4.14.1 Overview.....	53
8.4.14.2 Connection data from the initiator	53
8.4.14.3 Connection data from the responder	53
Annex A (informative)	55
A.1 Data exchange between two IP communication peers	55
A.2 Joining a multicast group.....	57
Annex B (informative) EN 61334-4-32 profile: Error cases during connection establishment.....	58
Annex C (informative) PRIME encoding examples	59
C.1 ACSE APDUs and xDLMS APDUs carried by MAC frames using the EN 61334-4-32 SSCS	59
List of Figures	
Figure 1 – Communication architecture.....	13
Figure 2 – PLC PRIME protocol architecture	15
Figure 3 – EN 61334-4-32 SSCS services.....	19
Figure 4 – MSC for EN 61334-4-32 SSCS services	23
Figure 5 – MSC for Data services in the case of logical name referencing	24
Figure 6 – The TCP-UDP/IPv4 communication profile architecture	27
Figure A.1 – MSC of IPv4 SSCS services	56
Figure A.2 – MSC for joining an IPv4 multicast group	57
List of tables	
Table 1 – Result values for SSCS services	22
Table 2 – Client service access point values	25
Table 3 – Server service access point.....	25
Table 4 – AR_REGISTER_S message format	35

Table 5 – AR_REGISTER_B message format	35
Table 6 – AR_UNREGISTER_S message format	35
Table 7 – AR_UNREGISTER_B message format	35
Table 8 – AR_MCAST_REG_S message format.....	36
Table 9 – AR_MCAST_REG_B message format.....	36
Table 10 – AR_MCAST_UNREG_S message format.....	36
Table 11 – AR_MCAST_UNREG_B message format.....	36
Table 12 – AR_LOOKUP_S message format.....	37
Table 13 – AR_LOOKUP_B message format.....	37
Table 14 – IPv4 packet format without header compression negotiated.....	37
Table 15 – IPv4 packet format with VJ header compression.....	38
Table 16 – Connection data sent by the initiator	38
Table 17 – Connection data sent by the responder	38
Table 18 – IPv6 SSCS table entry.....	42
Table 19 – Mapping IPv6 precedence to PRIME MAC priority	43
Table 20 – AR_REGISTERv6_S message format.....	49
Table 21 – AR_REGISTERv6_B message format.....	50
Table 22 – AR_UNREGISTERv6_S message format.....	50
Table 23 – AR_UNREGISTERv6_B message format.....	50
Table 24 – AR_MCAST_REGv6_S message format	50
Table 25 – AR_MCAST_REGv6_B message format	51
Table 26 – AR_MCAST_UNREGv6_S message format	51
Table 27 – AR_MCAST_UNREGv6_B message format	51
Table 28 – AR_LOOKUPv6_S message format	51
Table 29 – AR_LOOKUPv6_B message format	52
Table 30 – IPv6 Packet format without negotiated header compression	52
Table 31 – UDP/IPv6 Packet format with LOWPAN_IPHC header compression and LOWPAN_NHC	52
Table 32 – IPv6 Packet format with LOWPAN_IPHC negotiated header compression	53
Table 33 – IPv6 Connection signalling data sent by the initiator	53
Table 34 – IPv6 Connection signalling data sent by the responder.....	53
Figure A.1 – MSC of IPv4 SSCS services	56
Figure A.2 – MSC for joining an IPv4 multicast group	57

Foreword

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Introduction

This Technical Specification is based on the results of the European OPEN Meter project, Topic Energy 2008.7.1.1, Project no.: 226369, www.openmeter.com, and has been prepared by the PRIME Alliance Technical Working Group, www.prime-alliance.org.

1 Scope

This Technical Specification is part of the EN 62056 / 52056 DLMS/COSEM suite and it specifies the DLMS/COSEM communication profiles for power line carrier neighbourhood networks using the modulation specified in ITU-T G.9904:2012.

There are three profiles specified:

- a profile using the EN 61334-4-32:1996 LLC layer;
- a profile using TCP-UDP/IPv4;
- a profile using TCP-UDP/IPv6.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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EN 62056-5-3, *Electricity metering data exchange – The DLMS/COSEM suite – Part 5-3: DLMS/COSEM application layer (IEC 62056-5-3)*

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Authors: S. Deering, Cisco, R. Hinden Nokia

Date: December 1998

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Authors M. Crawford Fermilab

Date: December 1998

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Authors R. Hinden Nokia, S. Deering Cisco Systems
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Authors J. Hui, Ed. Arch Rock Corporation P. Thubert Cisco
Date: September 2011.
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