

ISO/IEC 29341-26-14:2017-09 (E)

Information technology - UPnP Device Architecture - Part 26-14: Telephony device control protocol - Level 2 - Address book service

Contents		Page
1	Scope	v
2	Normative references	1
3	Terms, definitions, symbols and abbreviated terms	2
4	Notations and conventions	3
4.1	Text conventions	3
4.1.1	Data Types	4
4.2	Vendor-defined Extensions	4
5	Service Modeling Definitions	4
5.1	Service Type	4
5.2	AddressBook Service Architecture	4
5.3	State Variables	5
5.3.1	State Variable Overview	5
5.3.2	IncomingRequest	5
5.3.3	A_ARG_TYPE_IncomingRequests	7
5.3.4	A_ARG_TYPE_SharedContacts	8
5.3.5	A_ARG_TYPE_SharedInfo	9
5.3.6	A_ARG_TYPE_TargetContacts	9
5.3.7	A_ARG_TYPE_ReqID	10
5.3.8	A_ARG_TYPE_NetworkAddressBookID	10
5.4	Eventing and Moderation	10
5.4.1	Eventing of IncomingRequest	10
5.5	Actions	10
5.5.1	ShareContacts()	11
5.5.2	FetchContactInfo()	12
5.5.3	SharePCC()	13
5.5.4	Accept()	14
5.5.5	Reject()	16
5.5.6	ImportContacts()	16
5.5.7	RetrieveIncomingRequests()	17
5.5.8	Error Code Summary	18
5.6	Service Behavioral Model	19
6	XML Service Description	19
	Annex A (normative) XML complex type peerType	22
	Annex B (normative) XML Schema	26
	Annex C (informative) Theory of Operation	28
	Annex D (informative) Bibliography	32
	Figure 1 -- AddressBook Service Architecture	5
	Figure C.1 -- Contact Share with WAN User	28
	Figure C.2 -- Handling of incoming contact share request	29

Figure C.3 -- Fetching contact information from network address book	30
Figure C.4 -- Sharing PCC information	30
Figure C.5 -- Contact Invitation request handling	31
Table 1 -- State Variables	5
Table 2 -- Event Moderation	10
Table 3 -- Actions	10
Table 4 -- Arguments for ShareContacts()	11
Table 5 -- Error Codes for ShareContacts()	12
Table 6 -- Arguments for FetchcontactInfo()	12
Table 7 -- Error Codes for FetchContactInfo()	13
Table 8 -- Arguments for SharePCC()	13
Table 9 -- Error Codes for SharePCC()	14
Table 10 -- Arguments for Accept ()	15
Table 11 -- Error Codes for Accept()	15
Table 12 -- Arguments for Reject()	16
Table 13 -- Error Codes for Reject()	16
Table 14 -- Arguments for ImportContacts()	16
Table 15 -- Error Codes for ImportContacts()	17
Table 16 -- Arguments for RetrievalIncomingRequests()	17
Table 17 -- Error Codes for RetrievalIncomingRequests()	18
Table 18 -- Error Code Summary	18