

ISO/IEC 29341-18-11:2011-08 (E)

Information technology - UPnP Device Architecture - Part 18-11: Remote Access Device Control Protocol - Remote Access Discovery Agent Service

Contents

	Page
1 Overview and Scope.....	3
1.1 Introduction.....	3
1.2 Vendor-defined Extensions.....	4
1.3 References.....	4
1.3.1 Normative References.....	4
1.3.2 Informative References.....	4
2 Service Modeling Definitions.....	4
2.1 Service Type.....	4
2.2 Terms and Abbreviations.....	5
2.2.1 Abbreviations.....	5
2.2.2 Terms.....	5
2.3 <i>RADAConfig</i> Service Architecture.....	6
2.4 State Variables.....	6
2.4.1 State Variable Overview.....	6
2.4.2 <i>SystemInfo</i>	6
2.4.3 <i>SystemInfoUpdateID</i>	6
2.4.4 <i>A_ARG_TYPE_FilterList</i>	7
2.4.5 <i>A_ARG_TYPE_UUID</i>	7
2.5 Eventing and Moderation.....	7
2.5.1 Relationships Between State Variables.....	7
2.6 Actions.....	7
2.6.1 <i>GetSystemInfo()</i>	7
2.6.2 <i>EditFilter()</i>	8
2.6.3 Relationships Between Actions.....	9
2.6.4 Error Code Summary.....	9
2.7 Theory of Operation.....	10
2.7.1 Getting Partial SystemInfo.....	10
2.7.2 Filter Editing.....	10
3 XML Service Description.....	11
4 Test.....	12
Annex A RemoteAccessDiscoveryAgent Structures (Normative).....	13
A.1 FilterList Template.....	13
Figure 1-1 — SSDP Aggregation.....	3

Table 2-1 — Abbreviations.....	5
Table 2-2 — State Variables	6
Table 2-3 — Eventing and Moderation	7
Table 2-4 — Actions	7
Table 2-5 — Arguments for <u>GetSystemInfo()</u>	8
Table 2-6 — Error Codes for <u>GetSystemInfo()</u>	8
Table 2-7 — Arguments for <u>EditFilter()</u>	8
Table 2-8 — Error Codes for <u>EditFilter()</u>	9
Table 2-9 — Error Code Summary	10