

ISO/IEC 29341-16-10:2011-08 (E)

Information technology - UPnP Device Architecture - Part 16-10: Low Power Device Control Protocol - Low Power Proxy Service

Contents	Page
1 Overview and Scope.....	2
1.1 Referenced Specifications	2
1.1.1 Normative References	2
1.1.2 Informative References	2
1.2 Abbreviations	3
2 Service Modeling Definitions for Basic Power Management Proxy	3
2.1 ServiceType	3
2.2 State Variables.....	3
2.2.1 Derived data Types.....	3
2.2.2 A_ARG_TYPE_SearchCriteria.....	4
2.2.3 A_ARG_TYPE_PowerState	4
2.2.4 DeviceListInfo.....	5
2.2.5 A_ARG_TYPE_UUID	6
2.2.6 A_ARG_TYPE_Success.....	6
2.3 Eventing and Moderation	6
2.4 Actions.....	6
2.4.1 SearchSleepingDevices	6
2.4.2 WakeupDevice.....	7
2.5 Theory of Operation.....	8
2.5.1 Basic Power Management Proxy Control Point Behavior.....	8
2.5.2 Basic Power Management Proxy Service.....	9
3 XML Service Description	9
4 Test	11
Annex A (informative) Sample argument XML string	12
Table 1-1 — Abbreviations.....	3
Table 2-1 — State Variables for Basic Power Management Proxy Service	4
Table 2-2 — Values for A_ARG_TYPE_PowerState:	5
Table 2-3 — Event Moderation.....	6
Table 2-4 — Actions for BPMPX	6
Table 2-5 — Arguments for SearchSleepingDevices.....	7
Table 2-6 — Error Codes for SearchSleepingDevices.....	7
Table 2-7 — Arguments for WakeupDevice	8
Table 2-8 — Error Codes for WakeupDevice	8