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Second edition 2015-06-15

Information technology — UPnP Device Architecture —

Part 7-11: **Lighting Device Control Protocol** — **Switch Power Service**

Technologies de l'information— Architecture de dispositif UPnP —
Partie 7-11: Protocole de contrôle de dispositif d'éclairage — Service
de changement d'alimentation

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Foreword

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ISO/IEC 29341-7-11 was prepared by UPnP Implementers Corporation and adopted, under the PAS procedure, by joint technical committee ISO/IEC JTC 1. Information technology, in parallel with its approval by national bodies of ISO and IEC.

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This second edition replaces the first edition (ISO/IEC 29341-7-11:2008), which has been technically revised. (standards.iteh.ai)

The list of all currently available parts of ISO/IEC 29341 series, under the general title *Information technology — UPnP Device Architecture*, can be found on the <u>ISO web site</u>.

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Original UPnP Document

Reference may be made in this document to original UPnP documents. These references are retained in order to maintain consistency between the specifications as published by ISO/IEC and by UPnP Implementers Corporation. The following table indicates the original UPnP document titles and the corresponding part of ISO/IEC 29341:

UPnP Document Title	ISO/IEC 29341 Part
UPnP Device Architecture 1.0	ISO/IEC 29341-1
UPnP Basic:1 Device	ISO/IEC 29341-2
UPnP AV Architecture:1	ISO/IEC 29341-3-1
UPnP MediaRenderer:1 Device	ISO/IEC 29341-3-2
UPnP MediaServer:1 Device	ISO/IEC 29341-3-3
UPnP AVTransport:1 Service	ISO/IEC 29341-3-10
UPnP ConnectionManager:1 Service	ISO/IEC 29341-3-11
UPnP ContentDirectory:1 Service	ISO/IEC 29341-3-12
UPnP RenderingControl:1 Service	ISO/IEC 29341-3-13
UPnP MediaRenderer:2 Device	ISO/IEC 29341-4-2
UPnP MediaServer:2 Device	ISO/IEC 29341-4-3
UPnP AV Datastructure Template:1	ISO/IEC 29341-4-4
UPnP AVTransport:2 Service	ISO/IEC 29341-4-10
UPnP ConnectionManager:2 Service A D D D	ISO/IEC 29341-4-11
UPnP ContentDirectory:2 Service	ISO/IEC 29341-4-12
UPnP RenderingControl;2 Service	ISQ/IEC 29341-4-13
UPnP ScheduledRecording:11dards.iteh	ISO/IEC 29341-4-14
UPnP DigitalSecurityCamera:1 Device	ISO/IEC 29341-5-1
UPnP DigitalSecurityCameraMotionImage:1 Service	ISO/IEC 29341-5-10
UPnP DigitalSecurityCameraSettings:1 Service 1:2015	ISO/IEC 29341-5-11
UPnP DigitalSecurityCameraStillImage:1 Service524d8c	SO/IEC 29341-5-12
UPnP HVAC_System:1 Device 20041-7-11-2009 UPnP HVAC_ZoneThermostat:1 Device	ISO/IEC 29341-6-1
UPnP HVAC_ZoneThermostat:1 Device	ISO/IEC 29341-6-2
UPnP ControlValve:1 Service	ISO/IEC 29341-6-10
UPnP HVAC_FanOperatingMode:1 Service	ISO/IEC 29341-6-11
UPnP FanSpeed:1 Service	ISO/IEC 29341-6-12
UPnP HouseStatus:1 Service	ISO/IEC 29341-6-13
UPnP HVAC_SetpointSchedule:1 Service	ISO/IEC 29341-6-14
UPnP TemperatureSensor:1 Service	ISO/IEC 29341-6-15
UPnP TemperatureSetpoint:1 Service	ISO/IEC 29341-6-16
UPnP HVAC_UserOperatingMode:1 Service	ISO/IEC 29341-6-17
UPnP BinaryLight:1 Device	ISO/IEC 29341-7-1
UPnP DimmableLight:1 Device	ISO/IEC 29341-7-2
UPnP Dimming:1 Service	ISO/IEC 29341-7-10
UPnP SwitchPower:1 Service	ISO/IEC 29341-7-11
UPnP InternetGatewayDevice:1 Device	ISO/IEC 29341-8-1
UPnP LANDevice:1 Device	ISO/IEC 29341-8-2
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UPnP LANHostConfigManagement:1 Service	ISO/IEC 29341-8-10
UPnP Layer3Forwarding:1 Service	ISO/IEC 29341-8-11
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UPnP RadiusClient:1 Service	ISO/IEC 29341-8-13
UPnP WANCableLinkConfig:1 Service	ISO/IEC 29341-8-14
UPnP WANCommonInterfaceConfig:1 Service	ISO/IEC 29341-8-15
UPnP WANDSLLinkConfig:1 Service	ISO/IEC 29341-8-16
UPnP WANEthernetLinkConfig:1 Service	ISO/IEC 29341-8-17
UPnP WANIPConnection:1 Service UPnP WANPOTSLinkConfig:1 Service	ISO/IEC 29341-8-18 ISO/IEC 29341-8-19
UPnP WANPPPConnection:1 Service	ISO/IEC 29341-8-19
UPnP WLANConfiguration:1 Service	ISO/IEC 29341-8-20
UPnP Printer:1 Device	ISO/IEC 29341-6-21
UPnP Scanner:1.0 Device	ISO/IEC 29341-9-1
UPnP ExternalActivity:1 Service	ISO/IEC 29341-9-2
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UPnP Document Title	ISO/IEC 29341 Part
UPnP Feeder:1.0 Service UPnP PrintBasic:1 Service UPnP Scan:1 Service UPnP QoS Architecture:1.0 UPnP QosDevice:1 Service UPnP QosManager:1 Service UPnP QosPolicyHolder:1 Service UPnP Qos Architecture:2 UPnP QoS V2 Schema Files UPnP QosDevice:2 Service UPnP QosManager:2 Service UPnP QosManager:2 Service UPnP QosPolicyHolder:2 Service UPnP RemoteUIClientDevice:1 Device UPnP RemoteUIClient:1 Service UPnP RemoteUIClient:1 Service UPnP RemoteUIClient:1 Service UPnP RemoteUIServer:1 Service UPnP DeviceSecurity:1 Service	ISO/IEC 29341-Part ISO/IEC 29341-9-11 ISO/IEC 29341-9-12 ISO/IEC 29341-10-1 ISO/IEC 29341-10-1 ISO/IEC 29341-10-11 ISO/IEC 29341-10-12 ISO/IEC 29341-11-1 ISO/IEC 29341-11-1 ISO/IEC 29341-11-1 ISO/IEC 29341-11-10 ISO/IEC 29341-11-11 ISO/IEC 29341-11-12 ISO/IEC 29341-12-1 ISO/IEC 29341-12-1 ISO/IEC 29341-12-1 ISO/IEC 29341-12-1 ISO/IEC 29341-12-10 ISO/IEC 29341-12-10 ISO/IEC 29341-13-10
UPnP SecurityConsole:1 Service	ISO/IEC 29341-13-11

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INFORMATION TECHNOLOGY – UPNP DEVICE ARCHITECTURE –

Part 7-11: Lighting Device Control Protocol – Switch Power Service

1. Scope

This service definition is compliant with the UPnP Device Architecture version 1.0 and Version 1.01 of the UPnP Standard Service Template.

This service-type enables the following functions:

basic power switching for embedding devices.

This service template does not address:

• It is assumed that implementations of this service will not disable themselves as a side effect of driving their output load to a disabled state.

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