

ISO/IEC 29341-8-5:2008-11 (E)

Information technology_ - UPnP Device Architecture_ - Part_8-5: Internet Gateway Device Control Protocol_ - Wireless Local Area Network Access Point Device

CONTENTS

FOREWORD	3
ORIGINAL UPNP DOCUMENTS (informative)	5
1. Overview and Scope	7
1.1. Focus and Goals for DCP version 1.0.....	7
1.2. Non-Goals for DCP version 1.0.....	7
1.3. WLAN Security Requirements and Recommendations	8
1.3.1. AP Parameter Configuration	9
1.3.2. Support for per-client credentials	9
2. Device Definitions	10
2.1. Device Type	10
2.2. Device Model.....	10
2.2.1. Description of Device Requirements	10
2.2.2. Relationships Between Services.....	12
2.3. Theory of Operation	12
2.3.1. WLAN node Requirements	12
2.3.2. Scenarios for introduction of WLAN clients to the AP.....	13
2.3.3. Setting up a secure control point (if DeviceSecurity is implemented in AP device).....	13
2.3.4. AP uses network-wide credentials for authentication	13
2.3.5. AP uses client-specific credential for authentication.....	14
3. XML Device Description	15
4. Test	16
5. Annex 1 (normative): Access Control Definitions (if DeviceSecurity service is implemented) .	17
5.1. Permissions.....	17
5.2. Profiles	18
5.3. Access Control List (ACL) entry.....	18

LIST OF TABLES

Table 1: Device Requirements for stand-alone <i>WLANAccessPointDevice</i>	10
Table 2: Device Requirements for embedded <i>WLANAccessPointDevice</i>	11