

ISO/IEC 29341-8-14:2008-11 (E)

Information technology_ - UPnP Device Architecture_ - Part_ 8-14: Internet Gateway Device Control Protocol_ - Wide Area Network Cable Link Configuration Service

CONTENTS

- FOREWORD 4
- ORIGINAL UPNP DOCUMENTS (informative) 6
- 1. Overview and Scope 8**
- 2. Service Modeling Definitions 9**
 - 2.1. ServiceType 9
 - 2.2. State Variables 9
 - 2.2.1. CableLinkConfigState 10
 - 2.2.2. LinkType 11
 - 2.2.3. DownstreamFrequency 11
 - 2.2.4. DownstreamModulation 11
 - 2.2.5. UpstreamFrequency 11
 - 2.2.6. UpstreamModulation 11
 - 2.2.7. UpstreamChannelID 11
 - 2.2.8. UpstreamPowerLevel 11
 - 2.2.9. BPIEncryptionEnabled 11
 - 2.2.10. ConfigFile 11
 - 2.2.11. TFTPServer 11
 - 2.2.12. Relationships Between State Variables 11
 - 2.3. Eventing and Moderation 12
 - 2.3.1. Event Model 12
 - 2.4. Actions 13
 - 2.4.1. GetCableLinkConfigInfo 13
 - 2.4.2. GetDownstreamFrequency 14
 - 2.4.3. GetDownstreamModulation 14
 - 2.4.4. GetUpstreamFrequency 15
 - 2.4.5. GetUpstreamModulation 15
 - 2.4.6. GetUpstreamChannelID 16
 - 2.4.7. GetUpstreamPowerLevel 16
 - 2.4.8. GetBPIEncryptionEnabled 17
 - 2.4.9. GetConfigFile 17
 - 2.4.10. GetTFTPServer 18
 - 2.4.11. Non-Standard Actions Implemented by a UPnP Vendor 18
 - 2.4.12. Relationships Between Actions 18
 - 2.4.13. Common Error Codes 18
 - 2.5. Theory of Operation 19
 - 2.5.1. Connection Initiation 19
 - 2.5.2. Deployment Scenarios 22
- 3. XML Service Description 23**
- 4. Test 26**

LIST OF TABLES

Table 1: State Variables	9
Table 1.1: AllowedValueList for CableLinkConfigState	10
Table 1.2: AllowedValueList for LinkType	10
Table 1.3: AllowedValueList for DownstreamModulation	10
Table 1.4: AllowedValueList for UpstreamModulation	10
Table 2: Event Moderation	12
Table 3: Actions	13
Table 4: Arguments for GetCableLinkConfigInfo	13
Table 5: Arguments for Get GetDownstreamFrequency	14
Table 6: Arguments for GetDownstreamModulation	14
Table 7: Arguments for GetUpstreamFrequency	15
Table 8: Arguments for GetUpstreamModulation	15
Table 9: Arguments for GetUpstreamChannelID	16
Table 10: Arguments for GetUpstreamPowerLevel	16
Table 11: Arguments for GetBPIEncryptionEnabled	17
Table 12: Arguments for GetConfigFile	17
Table 13: Arguments for GetTFTPServer	18
Table 14: Common Error Codes	18