ISO/IEC 30118-13:2021-10 (E)

Information technology - Open Connectivity Foundation (OCF) Specification - Part 13: Onboarding tool specification

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative References 1

3 Terms, definitions and abbreviated terms 1
3.1 Terms and definitions 1
3.2 Symbols and abbreviated terms 2

4 Document Conventions and Organization 2
4.1 Conventions 2
4.2 Notation 2
4.3 Data types 3

5 Services and availability in the OBT 3
5.1 Purpose of the OBT 3
5.2 General OBT requirements 5
5.3 DOTS 5
5.3.1 Assuming ownership of a Device 5
5.3.2 DOTS and Bridging 7
5.3.3 Security considerations regarding selecting an Ownership Transfer Method 7
5.4 CMS 7
5.5 AMS 8

6 Certificate management requirements 8
6.1 Issuing identity certificates and role certificates 8
6.2 Provisioning Trust Anchor certificates 9

7 Ownership Transfer Methods 9
7.1 Preamble 9
7.2 Just Works Owner Transfer Method 9
7.3 Random PIN / Shared Credential based Owner Transfer Method 10
7.4 Manufacturer Certificate Based Owner Transfer Method 10
7.5 Vendor-Specific Owner Transfer Methods 10

Bibliography 11