

ISO/IEC 30118-9:2021-10 (E)

Information technology - Open Connectivity Foundation (OCF) Specification - Part 9: Core optional specification

| Contents | | Page |
|----------------------------|---|-------------|
| Foreword | | iv |
| Introduction | | v |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Terms, definitions and abbreviated terms | 2 |
| 3.1 | Terms and definitions | 2 |
| 4 | Document conventions and organization | 3 |
| 4.1 | Conventions | 3 |
| 4.2 | Notation | 3 |
| 4.3 | Data types | 4 |
| 5 | Functional interactions | 4 |
| 5.1 | Introduction | 4 |
| 5.2 | Onboarding, provisioning and configuration | 4 |
| 5.3 | Device management | 6 |
| 5.4 | Scenes | 18 |
| 5.5 | Rules | 22 |
| 5.6 | Icons | 30 |
| 5.7 | Alerts | 31 |
| Annex A (normative) | Resource Type definitions | 33 |
| A.1 | List of Resource Type definitions | 33 |
| A.2 | Device Configuration | 33 |
| A.3 | Platform Configuration | 38 |
| A.4 | Icon | 42 |
| A.5 | Maintenance | 45 |
| A.6 | Network Monitoring | 48 |
| A.7 | Scene List | 52 |
| A.8 | Scene Collection | 56 |
| A.9 | Scene Member | 62 |
| A.10 | Alert | 66 |
| A.11 | Alert Collection | 69 |
| A.12 | software update | 75 |
| A.13 | OCF Rule | 79 |
| A.14 | OCF Rule Input Collection | 84 |
| A.15 | OCF Rule Expression | 88 |
| A.16 | OCF Rule Action Collection | 91 |
| A.17 | OCF Rule Action | 96 |