

**OCF “Dubai” – Additional Device Properties for VOD – Core Technology WG CR 2767**

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28 \*\*\*\*\* **Paste the Change Request content here** \*\*\*\*\*

29 **<OCF Core Specification>**

30 **3.1 Terms and definitions**

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32 **3.1.3 Bridged Protocol**

33 another protocol (e.g., AllJoyn) that is being translated to or from OCF protocols

34 **3.1.4 Bridged Client**

35 logical entity that accesses data via a Bridged Protocol. For example, an AllJoyn Consumer  
 36 application is a Bridged Client

37 **3.1.5 Bridged Server**

38 logical entity that provides data via a Bridged Protocol. For example an AllJoyn Producer is a Bridged  
 39 Server. More than one Bridged Server can exist on the same physical platform.

40 **3.1.6 Bridged Device**

41 Bridged Client or Bridged Server.

42 **3.1.7 Virtual OCF Client**

43 logical representation of a Bridged Client, which an OCF Bridge Device exposes to OCF Servers

44 **3.1.8 Virtual OCF Server**

45 logical representation of a Bridged Server, which an OCF Bridge Device exposes to OCF Clients

46 **3.1.9 Virtual OCF Device (or VOD)**

47 Virtual OCF Client or Virtual OCF Server.

48 ...

49 **11.3.4 Resource based discovery: Finding information**

50 ...

51 **Table 1 – "oic.wk.d" Resource Type definition**

Property title	Property name	Value type	Value rule	Unit	Access mode	Mandatory	Description
...	...	...	...	...	...	...	...
Ecosystem Name	econame	"string"	enum	N/A	R	no	This is the name of ecosystem that a Bridged Device belongs to. If a Device has "oic.d.virtual" as one of Resource Type values ("rt") the Device shall contain this Property, otherwise this Property shall not be included.  This Property has enumeration values: ["BLE", "oneM2M", "UPlus", "Zigbee", "Z-Wave"].

Version of Ecosystem	ecoversion	"string"	N/A	N/A	R	no	This is the version of ecosystem that a Bridged Device belongs to. If a Device has "oic.d.virtual" as one of its Resource Type values("rt") the Device should contain this Property, otherwise this Property shall not be included.
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## 55 <OCF Bridging Specification>

56 **Remove following term definition from section 3.1**

57

58

....

### 59 3.1.10 Bridged Protocol

60 another protocol (e.g., AllJoyn) that is being translated to or from OCF protocols

### 61 3.1.11 Bridged Client

62 logical entity that accesses data via a Bridged Protocol. For example, an AllJoyn Consumer  
 63 application is a Bridged Client

### 64 3.1.12 Bridged Server

65 logical entity that provides data via a Bridged Protocol. For example an AllJoyn Producer is a Bridged  
 66 Server. More than one Bridged Server can exist on the same physical platform.

### 67 3.1.13 Bridged Device

68 Bridged Client or Bridged Server.

### 69 3.1.14 Virtual OCF Client

70 logical representation of a Bridged Client, which an OCF Bridge Device exposes to OCF Servers

### 71 3.1.15 Virtual OCF Server

72 logical representation of a Bridged Server, which an OCF Bridge Device exposes to OCF Clients

### 73 3.1.16 Virtual OCF Device (or VOD)

74 Virtual OCF Client or Virtual OCF Server.

75 .....

## 76 13.4.4 OAS definition

```

77 {
78     "swagger": "2.0",
79     "info": {
80         "title": "VOD List",
81         "version": "v1.0.0-20181127",
82         "license": {
  
```

```
83         "name": "OCF Data Model License",
84         "url":
85         "https://github.com/openconnectivityfoundation/core/blob/e28a9e0a92e17042ba3e83661e4c0fbce
86         8bdc4ba/LICENSE.md",
87         "x-copyright": "Copyright 2016-2019 Open Connectivity
88         Foundation, Inc. All rights reserved."
89     },
90     "termsOfService":
91     "https://openconnectivityfoundation.github.io/core/DISCLAIMER.md"
92 },
93 "schemes": ["http"],
94 "consumes": ["application/json"],
95 "produces": ["application/json"],
96 "paths": {
97     "/VODListResURI": {
98         "get": {
99             "description": "This resource describes the VODs that have been onboarded
100             on the Bridge Platform.\n",
101             "parameters": [
102                 {"$ref": "#/parameters/interface"}
103             ],
104             "responses": {
105                 "200": {
106                     "description": "Example response payload",
107                     "x-example": {
108                         "rt": ["oic.r.vodlist"],
109                         "vods": [
110                             {
111                                 "n": "Smoke sensor",
112                                 "di": "54919CA5-4101-4AE4-595B-353C51AA1234",
113                                 "econame": "Z-Wave"
114                             },
115                             {
116                                 "n": "Thermostat",
117                                 "di": "54919CA5-4101-4AE4-595B-353C51AA5678",
118                                 "econame": "Zigbee"
119                             }
120                         ]
121                     },
122                     "schema": {
123                         "$ref": "#/definitions/vodlist"
124                     }
125                 }
126             }
127         }
128     }
129 },
130 "parameters": {
131     "interface": {
132         "in": "query",
133         "name": "if",
134         "type": "string",
135         "enum": ["oic.if.r", "oic.if.baseline"]
136     }
137 },
138 "definitions": {
139     "vodentry": {
140         "description": "Information for a VOD created by the Bridge",
141         "type": "object",
142         "properties": {
143             "n": {
```

```
144         "allof": [  
145             {"$ref":  
146 "https://openconnectivityfoundation.github.io/core/schemas/oic.common.properties.core-  
147 schema.json#/definitions/n"},  
148             {  
149                 "description": "Human friendly name of the VOD; mirror  
150 of 'n' from /oic/d of the VOD itself"  
151             }  
152         ]  
153     },  
154     "di": {  
155         "description": "Device Id of the VOD",  
156         "allof": [  
157             {"$ref":  
158 "https://openconnectivityfoundation.github.io/core/schemas/oic.types-  
159 schema.json#/definitions/uuid"},  
160             {  
161                 "description": "Unique identifier of the VOD",  
162                 "readOnly": true  
163             }  
164         ]  
165     },  
166     "econame": {  
167         "description": "Ecosystem Name of the Bridged Device which is exposed  
168 by this VOD; mirror of econame' from /oic/d of the VOD itself. ",  
169         "type": "string",  
170         "enum": ["BLE", "oneM2M", "UPlus", "Zigbee", "Z-Wave"],  
171         "readOnly": true  
172     }  
173 },  
174     "required": ["n", "di", "econame"]  
175 },  
176     "vodlist": {  
177         "type": "object",  
178         "properties": {  
179             "n": {  
180                 "allof": [  
181                     {"$ref":  
182 "https://openconnectivityfoundation.github.io/core/schemas/oic.common.properties.core-  
183 schema.json#/definitions/n"},  
184                     {  
185                         "description": "Human Friendly name of the VOD  
186 List Resource"  
187                     }  
188                 ]  
189             },  
190             "rt": {  
191                 "description": "Resource Type",  
192                 "items": {  
193                     "maxLength": 64,  
194                     "type": "string",  
195                     "enum": ["oic.r.vodlist"]  
196                 },  
197                 "minItems": 1,  
198                 "readOnly": true,  
199                 "type": "array"  
200             },  
201             "id": {  
202                 "$ref":  
203 "https://openconnectivityfoundation.github.io/core/schemas/oic.common.properties.core-  
204 schema.json#/definitions/id"
```

```
205     },
206     "if": {
207       "description": "The interface set supported by this resource",
208       "items": {
209         "enum": ["oic.if.baseline", "oic.if.r"],
210         "type": "string"
211       },
212       "minItems": 2,
213       "readOnly": true,
214       "type": "array"
215     },
216     "vods": {
217       "description": "Array of information per VOD created by the Bridge",
218       "type": "array",
219       "minItems": 0,
220       "uniqueItems": true,
221       "readOnly": true,
222       "items": {
223         "$ref": "#/definitions/vodentry"
224       }
225     }
226   },
227   "required": ["vods"]
228 }
229 }
230 }
231
```