

**OCF “Dubai” – Clarification of Default Interface Text – Core Technology WG CR 2717**

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## 7.6 OCF Interface

### 7.6.1 Introduction

An OCF Interface provides first a view into the Resource and then defines the requests and responses permissible on that view of the Resource. So this view provided by an OCF Interface defines the context for requests and responses on a Resource. Therefore, the same request to a Resource when targeted to different OCF Interfaces may result in different responses.

An OCF Interface may be defined by either this document (a Core OCF Interface), ISO/IEC 30118-5:2019 (a vertical OCF Interface) or manufacturers, end users or developers of Devices (a vendor-defined OCF Interface).

The OCF Interface Property lists all the OCF Interfaces the Resource support. All Resources shall have at least one OCF Interface. The Default OCF Interface shall be defined by an OCF specification and inherited from the Resource Type definition. The Default OCF Interface associated with all OCF-defined Resource Types shall be the supported OCF Interface listed first within the *applicable enumeration* in the definition of the Resource Type (see Annex D for the OCF-defined Resource Types defined in this document). The *applicable enumeration* is in the "parameters" enumeration referenced from the first "get" method in the first "path" in the OpenAPI 2.0 file ("post" method if no "get" exists) for the Resource Type. All Default OCF Interfaces specified in an OCF specification shall be mandatory.

In addition to any OCF specification defined OCF Interface, all Resources shall support the Baseline Interface ("oic.if.baseline") as defined in 7.6.3.2.

See 7.10.4 for the use of queries to enable selection of a specific OCF Interface in a request.

An OCF Interface may accept more than one media type. An OCF Interface may respond with more than one media type. The accepted media types may be different from the response media types. The media types are specified with the appropriate header parameters in the transfer protocol. (NOTE: This feature has to be used judiciously and is allowed to optimize representations on the wire) Each OCF Interface shall have at least one media type.