

OCF 2.0 – Observing via oic.if.ii – Core Technology WG CR 2394

Legal Disclaimer

THIS IS A DRAFT SPECIFICATION DOCUMENT ONLY AND HAS NOT BEEN ADOPTED BY THE OPEN CONNECTIVITY FOUNDATION. THIS DRAFT DOCUMENT MAY NOT BE RELIED UPON FOR ANY PURPOSE OTHER THAN REVIEW OF THE CURRENT STATE OF THE DEVELOPMENT OF THIS DRAFT DOCUMENT. THE OPEN CONNECTIVITY FOUNDATION AND ITS MEMBERS RESERVE THE RIGHT WITHOUT NOTICE TO YOU TO CHANGE ANY OR ALL PORTIONS HEREOF, DELETE PORTIONS HEREOF, MAKE ADDITIONS HERETO, DISCARD THIS DRAFT DOCUMENT IN ITS ENTIRETY OR OTHERWISE MODIFY THIS DRAFT DOCUMENT AT ANY TIME. YOU SHOULD NOT AND MAY NOT RELY UPON THIS DRAFT DOCUMENT IN ANY WAY, INCLUDING BUT NOT LIMITED TO THE DEVELOPMENT OF ANY PRODUCTS OR SERVICES. IMPLEMENTATION OF THIS DRAFT DOCUMENT IS DONE AT YOUR OWN RISK AMEND AND IT IS NOT SUBJECT TO ANY LICENSING GRANTS OR COMMITMENTS UNDER THE OPEN CONNECTIVITY FOUNDATION INTELLECTUAL PROPERTY RIGHTS POLICY OR OTHERWISE. IN CONSIDERATION OF THE OPEN CONNECTIVITY FOUNDATION GRANTING YOU ACCESS TO THIS DRAFT DOCUMENT, YOU DO HEREBY WAIVE ANY AND ALL CLAIMS ASSOCIATED HERewith INCLUDING BUT NOT LIMITED TO THOSE CLAIMS DISCUSSED BELOW, AS WELL AS CLAIMS OF DETRIMENTAL RELIANCE.

The OCF logo is a trademark of Open Connectivity Foundation, Inc. in the United States or other countries. *Other names and brands may be claimed as the property of others.

Copyright © 2018 Open Connectivity Foundation, Inc. All rights reserved.

Copying or other form of reproduction and/or distribution of these works are strictly prohibited.

****** Change 1 ********7.6.3.3 Links List Interface****7.6.3.3.1 Overview**

The links list Interface provides a view into the list of Links in a Resource. The Representation visible through this Interface has only the Links exposed as Property(-ies) that is(are) an array (or arrays) of Links by the Resource – so this Interface is used to manipulate or interact with the list of Links. The Links list may be RETRIEVED using this Interface.

The links list Interface is defined as follows:

- The links list Interface name is be “oic.if.ll”.
- If there are no Links present in a Resource, then an empty list shall be returned in response to a RETRIEVE request using the links list Interface.
- The Representation determined by this Interface depends on the requesting Client. For a Client that includes an OCF-Accept-Content-Format-Version option as defined in section 12.2.5 in the request the response only includes the value(s) of the Property(-ies) that are arrays of Links, hence a Collection or /oic/res response with oic.if.ll is an array of Links. For a Client that does not include an OCF-Accept-Content-Format-Version option the response is as defined in E.5.
- The array of Links may be observed by a Client using the links list Interface (i.e. by following the procedures in Section 11.4.2 with the addition of a query parameter of “?if=oic.if.ll”).
- Any CREATE, UPDATE, or DELETE operation on any Link in the array of Links shall result in the complete Resource representation for the links list Interface as defined for the target Resource (i.e. the full array of Links) subject to any applied filtering being provided in the notification that is sent to the Client that initiated the observe request.
- If the act of deleting a Link results in no Links being present then an empty list shall be sent in a notification.