

## NOTICE OF REVIEW PERIOD – BALLOT 201 - .Onion Revisions

This Review Notice is sent pursuant to Section 4.1 of the CA/Browser Forum's Intellectual Property Rights Policy (v1.2). This Review Period is for Final Maintenance Guidelines (30 day Review Period). A complete draft of the Draft Guideline that is the subject of this Review Notice is attached.

Date Review Notice Sent: June 8, 2017  
Ballot for Review: Ballot 201 - .Onion Revisions  
Start of Review Period: June 8, 2017 at 23:45 UTC  
End of Review Period: July 8, 2017 at 23:45 UTC

Please forward any Exclusion Notice relating to Essential Claims to the Chair by email to [kirk.hall@entrustdatacard.com](mailto:kirk.hall@entrustdatacard.com) before the end of the Review Period. See current version of CA/Browser Forum Intellectual Property Rights Policy for details.

*(Optional form of Exclusion Notice is attached)*

### **Ballot 201 - .Onion Revisions**

-- MOTION BEGINS --

Part 1:

The CA/Browser Forum, recognizing that Ballot 198 did not include a redline version against the current Final Maintenance Guidelines, thereby constitutes an invalid Ballot. As a consequence, the Forum agrees that the changes shall not be made to the appropriate Final Maintenance Guideline, and as such, no IPR Review Notice is in force for Ballot 198:

Part 2:

Revise Appendix F, Section 1, to read as follows:

Appendix F – Issuance of Certificates for .onion Domain Names

A CA may issue an EV Certificate with .onion in the right-most label of the Domain Name provided that issuance complies with the requirements set forth in this Appendix:

1. CAB Forum Tor Service Descriptor Hash extension (2.23.140.1.31)

The CA MUST include the CAB Forum Tor Service Descriptor Hash in the TBSCertificate to convey hashes of keys related to .onion addresses. The CA MUST include the Tor Service Descriptor Hash extension using the following format:

cabf-TorServiceDescriptorHash OBJECT IDENTIFIER ::= { 2.23.140.1.31 }

SEQUENCE ( 1..MAX ) of TorServiceDescriptorHash

TorServiceDescriptorHash ::= SEQUENCE {

onionURI UTF8String

algorithm AlgorithmIdentifier

subjectPublicKeyHash BIT STRING

}

Where the AlgorithmIdentifier is a hashing algorithm (defined in RFC 6234) performed over the DER-encoding of an ASN.1 SubjectPublicKey of the .onion service and SubjectPublicKeyHash is the hash output.

--Motion Ends--

**EXCLUSION NOTICE – BALLOT \_\_\_\_\_**

I hereby provide this Exclusion Notice for the Essential Claim(s) listed below:

Ballot Covered by This Exclusion Notice:      Ballot: \_\_\_\_\_

CABF Member Name:    \_\_\_\_\_ (Organization)

Date Exclusion Notice Sent:    \_\_\_\_\_

Exclusion Notice provided by:    \_\_\_\_\_ (Name)

Provide Exclusion Notice to current CA/Browser Forum Chair: Kirk Hall,  
[kirk.hall@entrustdatacard.com](mailto:kirk.hall@entrustdatacard.com)      Exclusion Notices must be provided by deadline stated in related Review Notice.

*(For each Essential Claim covered by this Exclusion Notice, please list “numbered section of the Final Guideline or Final Maintenance Guideline whose implementation makes the excluded claim an Essential Claim for each of the issued patent(s) or pending patent application(s) that a Participant reasonably believes at the time may contain Essential Claims the Participant wishes to exclude from the CAB Forum RF License” and also “make an election, (i) not to grant a license or (ii) to provide a license with all of the requirements of Section 5.1 with the exception of subsection 5.1 f.” See IPR Policy Sections 4.2 and 4.3.)*

Essential Claim No.	Numbered section(s) of Guideline related to Essential Claim [Sec. 4.3]	Patent number for issued patent, title and application number for pending patent, or copy of patent application unpublished patent applications [Sec. 4.3]	License Grant Election Made [Sec. 4.2]
1.			<input type="checkbox"/> (i) no license granted <input type="checkbox"/> (ii) license granted per Sec. 5.1 except Sec. 5.1.f
2.			<input type="checkbox"/> (i) no license granted <input type="checkbox"/> (ii) license granted per Sec. 5.1 except Sec. 5.1.f
3.			<input type="checkbox"/> (i) no license granted <input type="checkbox"/> (ii) license granted per Sec. 5.1 except Sec. 5.1.f
4.			<input type="checkbox"/> (i) no license granted <input type="checkbox"/> (ii) license granted per Sec. 5.1 except Sec. 5.1.f

*(Continue on second page if necessary)*

**Relevant IPR Policy Excerpts**

**4.2 Excluding Patents and/or Patent Applications from Royalty Free Licensing Obligations during Review Period.**

*Except for Essential Claims encompassed by a Participant’s Contributions that are actually incorporated into a Final Guideline or Final Maintenance Guideline approved in accordance with the CAB Forum Guideline approval process,*

*Participants may within the Review Period exclude Essential Claims from the CAB Forum RF License. In such case, Participant shall be permitted to either make an election, (i) not to grant a license or (ii) to provide a license with all of the requirements of Section 5.1 with the exception of subsection 5.1 f.*

**4.3 Conditions and Procedure for Excluding Patents and/or Patent Applications from CAB Forum RF License.**

A Participant seeking to exclude Essential Claims from the CAB Forum RF License in accordance with Section 4.2 must provide written notice of such intent to the CAB Forum Chair (“Exclusion Notice”) within the Review Period, and the Exclusion Notice shall be effective upon its receipt by the CAB Forum Chair. The Exclusion Notice shall include identification of the numbered section of the Final Guideline or Final Maintenance Guideline whose implementation makes the excluded claim an Essential Claim for each of the issued patent(s) or pending patent application(s) that a Participant reasonably believes at the time may contain Essential Claims the Participant wishes to exclude from the CAB Forum RF License. For issued patents, the Exclusion Notice shall also include the patent number(s). For pending patent applications, the Exclusion Notice shall also include the title and application number(s). If an issued patent or pending patent application that may contain Essential Claims is not set forth in the Exclusion Notice, such Essential Claims shall continue to be subject to the CAB Forum RF License. For unpublished patent applications, the Exclusion Notice shall also include a copy of the patent application. Exclusion Notices shall be published at <https://cabforum.org/ipr-exclusion-notices/>. \*\*\*

### **8.1. Essential Claims**

“Essential Claims” shall mean all claims in any patent or patent application in any jurisdiction in the world that would necessarily be infringed by

implementation of any Normative Requirement in a Final Guideline or Final Maintenance Guideline. A claim is necessarily infringed hereunder only when it is not possible to avoid infringing it because there is no non-infringing alternative for implementing a Normative Requirement of a Final Guideline or Final Maintenance Guideline. Existence of a non-infringing alternative shall be judged based on the state of the art at the time the guideline is adopted as a Final Guideline or Final Maintenance Guideline. If a Normative Requirement in a Final Guideline or Final Maintenance Guideline may be fulfilled by any of a list of specified alternatives, then for determination of whether a claim is an Essential Claim, each of the specified alternatives should be considered independently as if it were the only method for fulfilling that requirement. \*\*\*

### **8.3. Other Key Definitions \*\*\***

c. “**Contribution**” means material, including Draft Guidelines, Draft Guideline text, and modifications to other Contributions, made verbally or in a tangible form of expression (including in electronic media) which is provided by a Participant in the process of developing a Draft Guideline for the purpose of incorporating such material into a Draft Guideline or a Final Guideline or Final Maintenance Guideline. For a verbal contribution to be deemed a Contribution hereunder it must be memorialized within approved meeting minutes of the CAB Forum. \*\*\*