I. Patent Holder/Applicant ("Patent Holder")

Legal Name: SUNGHAN KIM

II. Patent Holder’s Contact for License Application

Name: SUNGHAN KIM

Title: Cloud Computing

V. Disclosure of Patent Information (i.e., patents or patent applications required to be disclosed by Section 6 of RFC XXXX)

A. For granted patents or published pending patent applications, please provide the following information:

Patent, Serial, Publication, Registration, or Application/File number(s):

- Date(s) granted or applied for:
+ Date(s) granted or applied for (dd/mm/yy):
B. Does your disclosure relate to an unpublished pending patent application?

Select one: Yes _ _ _ _ _ _ No _ _ _ _ _ _

C. If an Internet-Draft or RFC includes multiple parts and it is not reasonably apparent which part of such Internet-Draft or RFC is alleged to be covered by the patent information disclosed in Section V(A) or V(B), it is helpful if the discloser identifies here the sections of the Internet-Draft or RFC that are alleged to be so covered.

VI. Licensing Declaration

- The Patent Holder states that, upon approval by the IESG for
- publication as an RFC of the relevant IETF specification, its
- position with respect to licensing any patent claims contained in the
- patent(s) or patent application(s) disclosed above that would
- necessarily be infringed by implementation of the technology required
- by such IETF specification ("Necessary Patent Claims"), for the
- purpose of implementing the specification, is as follows (select one
- licensing declaration option only):
+ The Patent Holder states that its position with respect to licensing
+ any patent claims contained in the patent(s) or patent application(s)
+ disclosed above that would necessarily be infringed by implementation
+ of the technology required by the relevant IETF specification
+ ("Necessary Patent Claims"), for the purpose of implementing such
+ specification, is as follows (select one licensing declaration option
+ only):

a) ___ No License Required for Implementers
- Check here if this licensing declaration is limited solely
- to standards-track IETF documents ___
+ Check here if commitment to forgo a license is limited
+ solely to standards-track RFCs ___

b) ___ Royalty-Free, Reasonable and Non-Discriminatory License to All Implementers
- Check here if this licensing declaration is limited solely
- to standards-track IETF documents ___
+ Check here if this commitment to license is limited solely
+ to standards-track RFCs ___

c) ___ Reasonable and Non-Discriminatory License to All Implementers with Possible Royalty/Fee
- Check here if this licensing declaration is limited solely
- to standards-track IETF documents ___
+ Check here if this commitment to license is limited solely
+ to standards-track RFCs ___

d) ___ Licensing Declaration to be Provided Later (implies a
- willingness to commit to the provisions of a), b), or c)
- above to all implementers; otherwise, the next option -
- "Unwilling to Commit to the Provisions of a), b), or c)
- Above" - must be selected)
+ above; otherwise, the next option - "Unwilling to Commit to
+ the Provisions of a), b), or c) Above" - must be selected)

e) ___ Unwilling to Commit to the Provisions of a), b), or c)
Above

NOTE: The individual submitting this template represents and warrants that he or she is authorized by the Patent Holder to agree to the
above-selected licensing declaration.

VII. Contact Information of Submitter of this Form (if different from IETF Participant in Section III above)

Section VI of the template:

a) No License Required for Implementers: The Patent Holder does not require parties to acquire any license to its Necessary Patent Claims in order to make, have made, use, import, offer to sell, sell, or distribute technology that implements such IETF specification.

b) Royalty-Free, Reasonable and Non-Discriminatory License to All Implementers: The Patent Holder is willing, upon request, to grant a license to its Necessary Patent Claims to all persons on a royalty-free basis (i.e., no royalty or other fee) and under reasonable and non-discriminatory terms, to make, have made, use, import, offer to sell, sell, and distribute technology that implements such IETF specification.

+ free basis (i.e., no royalty or other fee) and under other reasonable + and non-discriminatory terms and conditions, to make, have made, use, + import, offer to sell, sell, and distribute technology that + implements such IETF specification.

c) Reasonable and Non-Discriminatory License to All Implementers with Possible Royalty/Fee: The Patent Holder is willing, upon request, to grant a license to its Necessary Patent Claims to all persons under reasonable and non-discriminatory terms (which may include a royalty/fee), to make, have made, use, import, offer to sell, sell, and distribute technology that implements such IETF specification.

+ reasonable and non-discriminatory terms and conditions (which may + include a royalty/fee), to make, have made, use, import, offer to + sell, sell, and distribute technology that implements such IETF + specification.

d) Licensing Declaration to be Provided Later: The Patent Holder is willing to commit to the provisions of a), b), or c) above to all implementers of the IETF specification, but wants to defer its specific selection of one of these licensing declaration options until a later point in time (or when asked for this information by the IESG). This option may not be selected if the Patent Holder is unwilling to commit to the provisions of a), b), or c) above. In that case, the Patent Holder must select licensing declaration option e) - "Unwilling to Commit to the Provisions of a), b), or c) Above".

+ willing to commit to the provisions of a), b), or c) above, but wants + to defer its specific selection of one of these licensing declaration + options until a later point in time (or when asked for this + information by the IESG). This option may not be selected if the + Patent Holder is unwilling to commit to the provisions of a), b), or + c) above. In that case, the Patent Holder must select licensing + declaration option e) - "Unwilling to Commit to the Provisions of a), + b), or c) Above".

e) Unwilling to Commit to the Provisions of a), b), or c) Above: The Patent Holder indicates an unwillingness to commit to the provisions of any of options a), b), or c) described above.

Options a), b), and c) above also allow the Patent Holder to indicate (with a check) whether its licensing declaration is limited solely to standards-track documents. If left unchecked, the Patent Holder's licensing declaration will be deemed to apply to all IETF documents, including non-standards-track documents. This standards-track qualifier is not relevant to licensing declaration options d) and e),
because under d) the Patent Holder has not yet indicated its specific standards-track RFCs. If left unchecked, the Patent Holder's licensing declaration will be deemed to apply to any implementation of the relevant IETF specification, including non-standards-track documents and Internet-Drafts. However, the Patent Holder may list other conditions or restrictions on its commitment to forego a license (option a)) or on its commitment to license (options b) and c)) in Section VIII - "Other Notes". This standards-track qualifier is not relevant to licensing declaration options d) and e), because under d) the Patent Holder has not yet indicated its specific licensing intention and under e) the Patent Holder has indicated a general refusal to commit to the provisions of any of options a), b), or c) above.

Section VIII in the template, "Other Notes," may be used for any additional information a discloser or Patent Holder wishes to provide. For example, a Patent Holder may use the "Other Notes" Section to indicate any other conditions on the licensing declaration option selected in Section VI (e.g., reciprocity).

Security Considerations

This document relates to IETF process, not any particular technology. There are security considerations when adopting any particular technology, regardless of whether patent or patent application disclosures or licensing declarations are implicated by such technology. A working group should take those security considerations into account as one part of evaluating the technology, but there are no security considerations per se with these IETF processes.