



Uniform Resource Names (URN) Namespaces for ONF

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1 Introduction

As part of the work to create ONF specifications that include the definition of a data model with a management interface specification (e.g. TAPI), there is a need to maintain identifiers in a managed namespace that is unique and persistent. To ensure that the namespace is unique, the specification of an URN Syntax RFC 2141 [1] Namespace Identifier (NID) for use by the ONF must be defined, in full conformance with the NID registration process specified in URN Namespace Definition Mechanisms RFC 3406 [2].

2 Process

The teams working in the Software Defined Standards area will work together with the ONF Secretariat to create a hierarchy that is rooted at the name 'onf'. Each ONF Project will specify and manage resources that utilize this URN identification model. Management activities for these and other resources types are handled by the manager of the ONF URN Document.

The ONF OTCC and OIMT teams have created a URN management document



ONF URN
Management.docx

that will be used once approval to use the root 'onf' has been received from the ONF Secretariat.

The ONF Secretariat will then follow the process found in RFC 8141 [4] to get the IANA URN registration entry, which will be added to the list in [5].

3 References

- [1] Moats, R., "URN Syntax", RFC 2141, DOI 10.17487/RFC2141, May 1997, <https://www.rfc-editor.org/info/rfc2141>.
- [2] Daigle, L., van Gulik, D., Iannella, R., and P. Faltstrom, "Uniform Resource Names (URN) Namespace Definition Mechanisms", RFC 3406, DOI 10.17487/RFC3406, October 2002, <https://www.rfc-editor.org/info/rfc3406>.
- [3] ONF "ONF URN Management", March 2018; attached to this document
- [4] Saint-Andre, P. and J. Klensin, "Uniform Resource Names (URNs)", RFC 8141, DOI 10.17487/RFC8141, April 2017, <https://www.rfc-editor.org/info/rfc8141>.
- [5] IANA "Uniform Resource Names (URN) Namespaces", 2017-11-27, <https://www.iana.org/assignments/urn-namespaces/urn-namespaces.xhtml>.