

ONF URN Management

The ONF maintains a Uniform Resource Names (URN) document that provides the mechanism to ensure that resource identifiers are unique. This document provides the formatting guidelines for the URN hierarchy that is rooted at the base URN that was assigned by IANA.

The overall syntax is:

```
urn:{ONF-NameSpaceId}:{ONF-Project}:{ONF-SubProject}:{Protocol}:{ModuleName}
```

The ONF-NameSpaceId

URN values used in the ONF use the Namespace ID (NID) value assigned to the ONF, which is:

```
onf
```

The ONF-Project and ONF-SubProject

The ONF-Project string identifies the ONF Project that will manage the ONF-SubProject string; e.g., 'otcc' for "Open Transport Configuration & Control".

For the ONF the SubProject will indicate the sub-project which owns the document.

Currently the only OTCC sub-projects defined are:

```
tapi, wt, wr
```

The Protocol and ModuleName

The ONF Sub-Project will manage the Protocol string. The Protocol identifies the type of protocol that is used in the document. Currently the only protocol types defined are:

```
yang, openapi and protobuf
```

The ONF Sub-Project will also manage the ModuleName string. The ModuleName identifies the management area of the module.

An example yang module URN for the Connectivity Transport API would take the form:

```
urn:onf:otcc:tapi:yang:connectivity
```