

ONAP Non-MANO Artifacts Set Identifiers

The scope of this page is to maintain the approved list of ONAP specific non-MANO artifact set identifiers. **This page is required to be long-live.**

The ONAP TSC is the organization that owns the non-MANO artifacts set. The ONAP official contact is onap-tsc@lists.onap.org

The editing of this page is limited to [Michela Bevilacqua](#) and [Andrei Kojukhov](#)

GENERAL

According to ETSI SOL004 v.2.5.1, every non-MANO artifact set shall be identified by a non-MANO artifact set identifier (TAG) which shall be registered in the ETSI registry.

ETSI registry of non MANO artifact set identifier is available in ETSI wiki https://nfvwiki.etsi.org/index.php?title=Non_MANO_artifact_sets.

Set identifiers can be public or private. ONAP as a public community initiative decided to introduce a set of public identifiers.

Non-MANO artifact sets shall be declared in the manifest file. If the package contains at least one non-MANO artifact set, an entry named "non_mano_artifact_sets:" shall be present in the manifest file on its own line after the "metadata" section.

All files belonging to the same non MANO artifact set shall share a common path prefix (e.g. multiple yang module files will share the same set identifiers).

ONAP PUBLIC NON-MANO ARTIFACTS SET APPROVED by ONAP TSC for REGISTRATION in ETSI

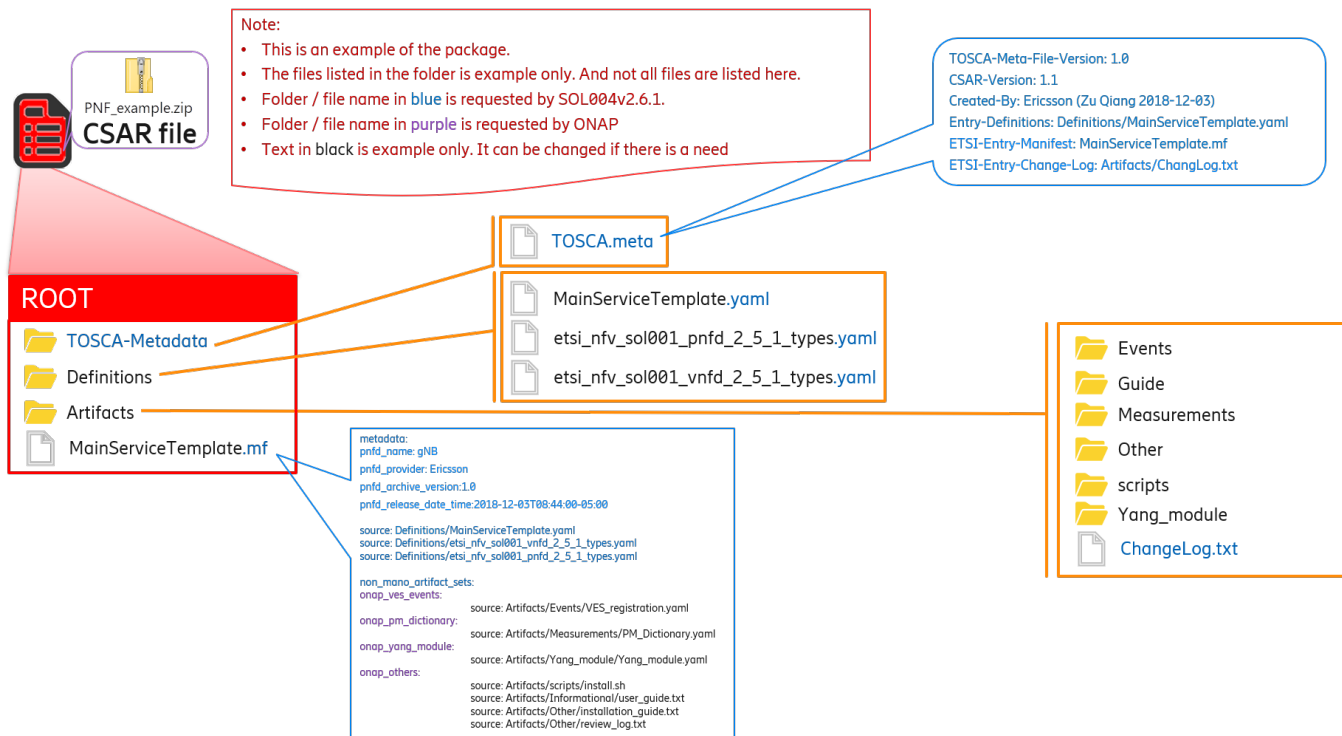
The following table contains the public non-MANO artifact set identifiers which can be used in a PNF/VNF onboarding package per ONAP releases. The relevant examples of using the artifact tags are following the table

ONAP Release where the artifact ID is initially introduced	Non-MANO artifact ID	Description	Reference (R-146092) ("The published version link shall be updated after Frankfurt release")	Notes
Dublin	onap_ves_events	contains VES registration files for handling external events	The latest requirements: R-22346 R-025941	See the below example and clarifications in 5G - FM Meta Data / 5G - PM Dictionary
	onap_pm_dictionary	contains the PM dictionary files used for Performance Management	The latest requirements: R-816745	See the usage in 5G - FM Meta Data / 5G - PM Dictionary
	onap_yang_modules	contains Yang module files for configurations	The latest requirements: R-93443 R-26115	See the usage in 5G - Configuration with NETCONF
	onap_ansible_playbooks	contains any ansible playbooks	The latest requirements: R-75608	See the usage in 5G - PNF Software Update
	onap_others	contains any other non_MANO artifacts, e.g. informational documents	none	See about its usage in 5G - PNF Pre-Onboarding & Onboarding
Frankfurt	onap_pnf_sw_information	PNF software version	The latest requirements: R-972082	See about its usage in Enable Service Level LCM Operations

EXAMPLES:

Example 1 (Dublin Release)

In the picture below, an example of a PNF onboarding package including a manifest file with URI's for **non-MANO artifacts used in Dublin**



NOTES about the example: Folder/file name MANDATORY according to SOL004:

- TOSCA-Metadata directory and TOSCA.meta file (unique CSAR package structure supported in ONAP Dublin)
- Manifest file extension, XXX.mf, located at the root or in a location identified in the .meta file. The name of the file is the same of the TOSCA yaml file

In the example the following files are not provided:

- ChangeLog.txt, a human readable text file at the root or in a location identified in the .meta file. (NOT PROVIDED IN THE EXAMPLE)
- xNF testing procedure, NOT mandatory files according to ETSI
- A license term file for the xNF located in a directory named Licences located at the root or in a location identified in the .meta file (NOT PROVIDED IN THE EXAMPLE)
- certification files as they could differ according to the type of security option provided by the vendor (NOT PROVIDED IN THE EXAMPLE)

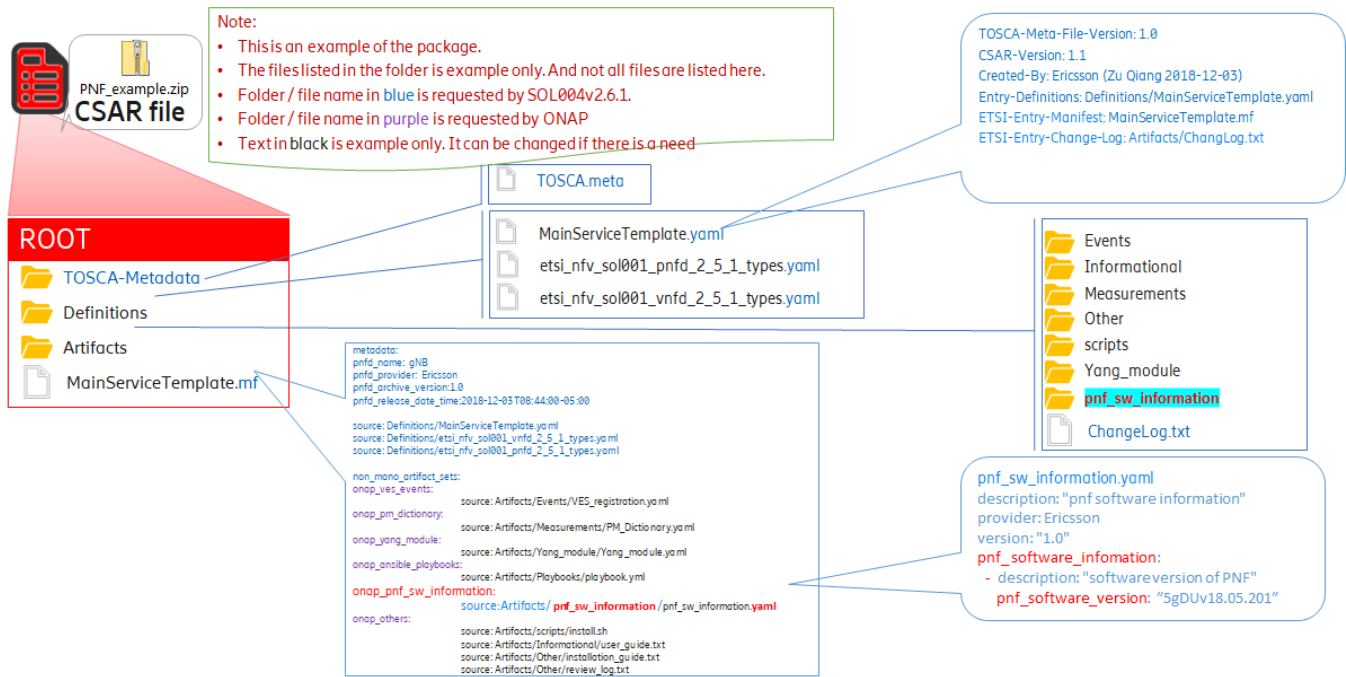
A reference PNF CSAR PACKAGE as example is available [dummyPnfv2.csar](#) to review directories structure and new .meta and .mf files format.

NOTES about the Dummy PNF CSAR PACKAGE example:

- 1) Only csar package structure with TOSCA-Metadata directory will be supported in Dublin timeframe
- 2) PM Dictionary, Event registration and Yang modules are the only NON MANO ARTIFACTS that will be listed in the manifest file
- 3) Multiple yang-module files the manifest file and in the dummy package with the intent to demonstrate that multiple files can be associated to a single keyword (according to ETSI SOL004)
- 4) Example package above does not include any certification file or other security options.

Example 2 (Frankfurt Release)

In the picture below, an example of a PNF onboarding package including a manifest file with URI's for **non-MANO artifacts used in Frankfurt**



A reference PNF CSAR PACKAGE as example is available dummyPnf3.csar (**TBD**) to review directories structure and new .meta and .mf files format.