Open Source MANO

The VNF Onboarding Task Force
A need for real VNF Onboarding

We need to achieve **completely onboarded VNFs**, with **unique packages** that fulfill the NFV vision by providing value to CSPs.

VNF Package 1 (unique)

1. Instantiate Network Services/Slices, making VNFs manageable (**“Day 0”**)
2. Initialize VNFs so they provide the expected service (**“Day 1”**)
3. Operate the service: monitoring, reconfigurations and (closed-loop) actions (**“Day 2”**)

Network Service Instance

1. (instantiation with optional parameters)
Beginning 2019, the OSM Leadership Group proposed to the community the creation of the VNF Onboarding Task Force, a group in charge of the coordination and support of activities related to VNF onboarding in OSM.

- As first action, a Chair was elected for 2 years.
- The task force is expected to be permanent.
VNF Onboarding TF Goals

We are shaping the Open Source MANO VNF Onboarding Task Force team!

VNF ONB TF

VNF Vendors
Operators
Research Institutions
Integrators
Developers
Others

MAIN DELIVERABLES

✓ VNF Onboarding Guidelines Document
✓ Contributions to OSM to simplify onboarding

Onboarded VNF Catalogue

VNF 1
INFO VNF PKG Image

VNF 2
INFO VNF PKG

VNF 3
INFO VNF PKG Image

VNF 4
INFO

VNFs in OSM Ecosystem are expected to be first!
The first version of the VNF Onboarding Guidelines Document was published right after the OSM#7 event.
Anyone can contribute!

We have a GitLab repository hosted by ETSI to develop the guidelines documentation, you can contribute!

https://osm.etsi.org/gitlab/vnf-onboarding/vnf-onboarding-guidelines
Labs!
VNF Provider? Get your free environment to create your OSM VNF Package!

VNF Onboarding Walkthroughs!
These are special documents that will walk you through real-world scenarios to build VNF Packages from scratch.

1st Walkthrough (EPC) → http://osm-download.etsi.org/ftp/Documentation/vnf-onboarding-guidelines/#06-walkthrough.md
The second walkthrough is ready! and will be soon merged into our documentation

- Documentation created by Tolga Gölelçin from Telenity.
- Canvas is a commercial SMS provided by Telenity
- 2nd Walkthrough → https://drive.google.com/file/d/1n_tqXIXaPxhrfOvrEAhOpiw1YBGVDSqD/view (temp location)