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: rewarding but complex

**Rewarding!** because once a VNF is *really onboarded*, deployment is easy and its complete lifecycle is automated over any infrastructure.

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")
# VNF Onboarding TF Activities

<table>
<thead>
<tr>
<th>#</th>
<th>Requested Activity</th>
<th>Planned action</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Define success criteria and requirements (with support from EUAG)</td>
<td>Periodical conference calls will be held, initiating April 1st, with TF members (open to any interested party from the OSM community)</td>
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<tr>
<td>2</td>
<td>Consolidate best practices and produce related documentation / Guidelines about how to create and/or extend VNF artifacts (e.g. charms)</td>
<td>A “VNF Onboarding Guidelines” live document will be created, to make OSM onboarding process easy for VNF vendors</td>
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<td>3</td>
<td>Creation of common/reusable components to simplify new onboardings.</td>
<td>TF will sponsor enhancements to OSM VNF Management</td>
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<tr>
<td>4</td>
<td>Early identification of new features and user experience improvements. Produce feedback to TSC</td>
<td>Periodical meetings with TSC to further influence the evolution of OSM in relation to VNF Onboarding.</td>
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<tr>
<td>5</td>
<td>Collect and publicise actively a catalogue of VNFs successfully onboarded</td>
<td>A new online, public catalogue will be published. Licenses and public scope will adapt to VNF vendor preferences.</td>
</tr>
</tbody>
</table>
Call to Action: Join us!

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

<table>
<thead>
<tr>
<th>VNF</th>
<th>INFO</th>
<th>VNF PKG</th>
<th>Image</th>
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</thead>
<tbody>
<tr>
<td>VNF 1</td>
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<td>VNF 2</td>
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<td>VNF 3</td>
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<td>VNF 4</td>
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</tbody>
</table>

VNFs in OSM Ecosystem are expected to be first!
Task Force contributors would be involved in tasks like the following:

- Representing and/or providing technical information about a VNF willing to be part of the OSM Onboarded VNFs Catalogue.
- Designing and/or building of descriptors and Day1/2 operations.
- Contributing to documentation (in particular to our main "guidelines" document)
- Contributing to OSM for optimizing VNF onboarding (IM, VCA, Proxy Charms, and the like)
- General testing of VNF packages
- Driving more VNF vendors to this effort

The team will have conference calls bi-weekly on Mondays 16:00 CET, starting April 1st. Information will be exchanged through a dedicated mailer and slack channel.
Thank you!