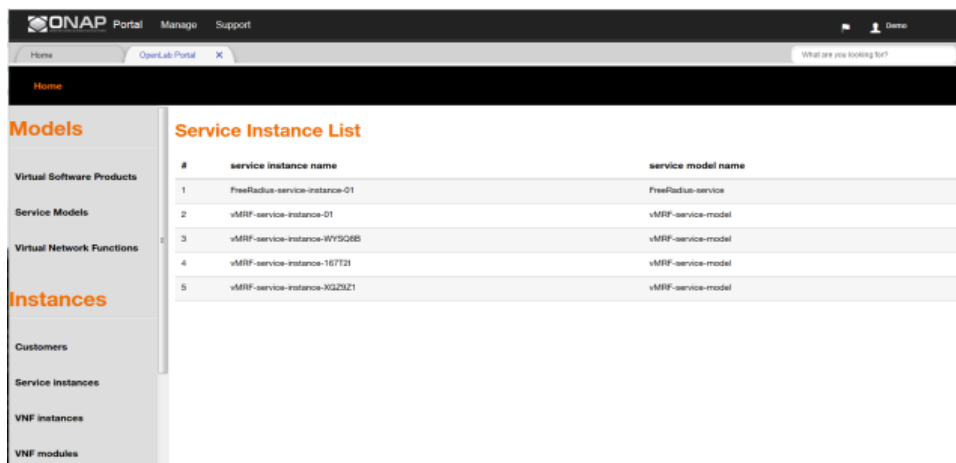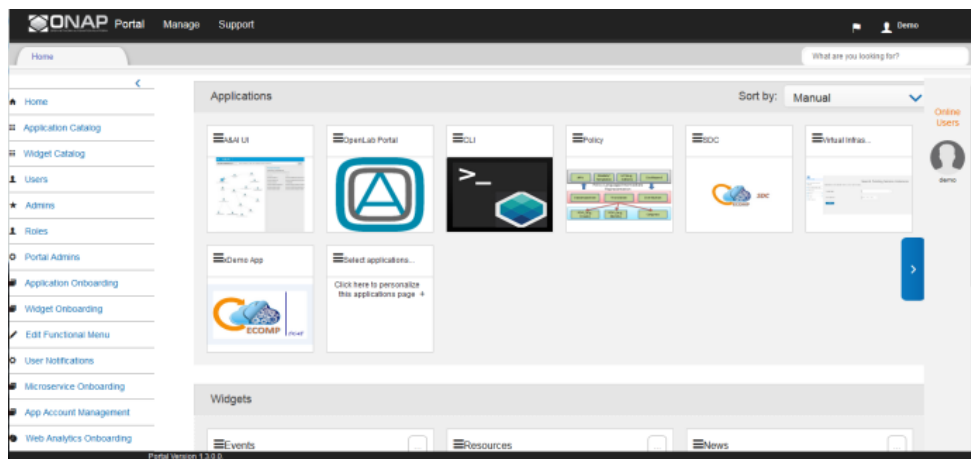# The 1ˢᵗ Orange ONAP OpenLab platform

As a founding and Platinum member of the Linux Foundation Networking, Orange committed to provide resources for the community both with human resources and technical platform. Orange deployed a first ONAP platform end of 2017 mainly to evaluate and test the Amsterdam Release. This ONAP OpenLab was built on top of existing OPNFV community labs. In February 2018, Orange officially opened the platform to ONAP community members. This Orange ONAP OpenLab platform is based on the full ONAP Release Amsterdam including all the components. The access procedure is described on the ONAP wiki and only requires a secure 'ssh' key to get connected to the platform.

## Orange Portal to ease the usage of ONAP

To facilitate ONAP usage, Orange developed web resources (new portal and HTML pages) to simplify the access to the various ONAP solution portals.

## A fully automated deployment using Linux Foundation Networking toolkit

The Orange ONAP Platform is automatically deployed on an infrastructure through ONAP installer. Please note that the infrastructure hosting ONAP is also deployed automatically from scratch using the OPNFV Cross Community Continuous Integra XCI installer. The OPNFV tools (from Functest project) are used and launched on a daily basis to verify that the underlying infrastructure is running fine. The ONAP installation is also checked automatically daily using the OPNFV Xtesting approach leveraging the lightweight testing Container based Docker running all the Healthcheck test of the ONAP components. More information in the ONS 2018 Summit presentation.

## A dashboard to monitor the infrastructure and the ONAP components

A global dashboard has been created to collect the monitoring information of the OpenStack infrastructure and ONAP.



## A success with 70+ users coming from several companies

In addition to internal usage of Orange ONAP OpenLab, we have many external users including Telecom Operators such as AT&T and Reliance Jio, some Vendors such as Astellia, Radisys, Cisco, Nokia, Dell and academic from Télécom SudParis Engineering School. Some external users are very active and already deployed lots of VNFs (vProbes, vMME or vIMS). The community effect is also working very well with very good exchanges between the platform users and Orange will extend the OpenLab to host the first release of the new Linux Foundation Artificial Intelligence project Acumos.

## Orange

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