



# ANDA

ADVANCED NETWORK DESIGN & ANALYSIS LAB

## OPENSTACK CODE CONTRIBUTIONS

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MEMBER OF IISTRIC PROJECT

**IISTRIC**  
Internet Infra System Technology  
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# ALL THE MERGED CODE IN REVIEW.OPENSTACK.ORG

<https://review.openstack.org/#/q/owner:27153+status:merged>

# TACKER SUPPORT IN PYTHON-OPENSTACKCLIENT

Change the tacker commands to openstack client command.

Specs: <https://specs.openstack.org/openstack/tacker-specs/specs/pike/python-openstackclient.html>

Code Contribution (Merged):

- Python-tackerclient: <https://review.openstack.org/#/q/topic:bp/tacker-support-python-openstackclient+owner:27153>
- Version: Rocky

# CUSTOMIZED OPENWRT IMAGE WORKS IN TACKER

Fix the OpenWRT image cannot work in Tacker

Link bugs:

- <https://bugs.launchpad.net/tacker/+bug/1557008>
- <https://bugs.launchpad.net/tacker/+bug/1709557>

Code Contribution (Merged):

- Tacker server: <https://review.openstack.org/#/c/543413/>
- Version: Rocky

# ADD DOCUMENTATION FOR PYTHON-TACKERCLIENT

There is no guide for python-tackerclient. This patch is adding the docs for it.

Link bugs:

- <https://bugs.launchpad.net/python-tackerclient/+bug/1754556>

Code Contribution (Merged):

- Python-tackerclient: <https://review.openstack.org/#/c/550844/>
- Project-config: <https://review.openstack.org/#/c/552448/>
- Openstack-manuals: <https://review.openstack.org/#/c/552443/>
- Version: Rocky

# FIX CANNOT SHOW THE VNFFGD TEMPLATE IN TACKER

There is the wrong index of the vnffgd data in the code.

Link bugs:

- <https://bugs.launchpad.net/python-tackerclient/+bug/1750865>

Code Contribution (Merged):

- Tacker server: <https://review.openstack.org/#/c/550844/>
- Version: Rocky

# FIX CREATE VNFFGD FUNCTION CANNOT GET DESCRIPTION FROM TOSCA FILE IN TACKER

- Fix create vnffgd function cannot get 'description' and 'name' from TOSCA yaml file
- Delete redundant 'description' line in vnffgd template file following the standard in VNFFG Usage Guide.

Link bugs:

- <https://bugs.launchpad.net/tacker/+bug/1751433>

Code Contribution (Merged):

- Tacker server: <https://review.openstack.org/#/c/557728/>
- Version: Rocky

# FIX FAILED TO REMOVE VIM MONITOR DUE TO RUNNING EXECUTION IN TACKER

Mistral recently add the force parameter to delete non finished executions, therefore, Tacker cannot delete VIM monitor execution from Mistral.

Link bugs:

- <https://bugs.launchpad.net/tacker/+bug/1771126>

Code Contribution (Merged):

- Tacker server: <https://review.openstack.org/#/c/568300/>
- Version: Rocky



# UPDATE THE CIRROS IMAGE TO 0.4.0 IN TACKER

Update the Cirros image used in Tacker to latest version: 0.4.0

Code Contribution (Merged):

- Tacker server: <https://review.openstack.org/#/c/585153/>
- Version: Rocky

# FOLLOW THE NEW PTI FOR DOCUMENT BUILD IN OPENSTACK PROJECTS

Change the Document building for compliance with the Project Testing Interface.

Governance link:

- <https://governance.openstack.org/tc/reference/project-testing-interface.html>

Code Contribution (Merged):

- <https://review.openstack.org/#/q/%22Follow+the+new+PTI+for+document+build%22+owner:27153>

# FIX INCOMPATIBLE REQUIREMENT IN OPENSTACK PROJECTS

This is a plan to stop syncing requirements into OpenStack projects.

Governance email:

- <http://lists.openstack.org/pipermail/openstack-dev/2018-April/129056.html>
- <http://lists.openstack.org/pipermail/openstack-dev/2018-April/129096.html>

Code Contribution (Merged):

- <https://review.openstack.org/#/q/topic:requirements-stop-syncing+owner:27153>

# RUN UNDER PYTHON 3 BY DEFAULT IN OPENSTACK PROJECTS

Python 3 is to begin running all jobs using python 3 by default.

Governance (One of the champions: Nguyễn Trí Hải - nguyentrihai93@gmail.com):

- <https://governance.openstack.org/tc/goals/stein/python3-first.html>

Code Contribution (**427 patches are merged**):

- <https://review.openstack.org/#/q/owner:27153+topic:python3-first+status:merged>

# (WIP) SCALABLE VNF MONITOR POLICIES USING MISTRAL

Since Mistral is an integral part of tacker system, Tacker server will generate a VNF monitoring workflow and execute it if there is a VNF configured with monitor policies.

Specs: [https://specs.openstack.org/openstack/tacker-specs/specs/pike/mistral\\_vnf\\_monitor\\_policies.html](https://specs.openstack.org/openstack/tacker-specs/specs/pike/mistral_vnf_monitor_policies.html)

Code Contribution:

- Tacker server and specs: <https://review.openstack.org/#/q/topic:bp/mistral-monitor-policy>