



OLFNNETWORKING

Virtual Developer & Testing Forum

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Python ONAP SDK

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Project overview

Interact with ONAP services

- HTTP API usage
- Services with exposed port

Easy to use

- High level abstraction
- Written in Python
- 9 lines script to service onboarding
- Easily customized

Well documented

- Up to date code documentation
- Usage examples
 - E2E vFW instantiation

Version 1.0 released!

Python ONAP SDK



A&AI

SDC

SO

SDNC

NBI

VID

Multicloud

CDS

Example – instantiate with NBI

```
> from onapsdk.aai.business import Customer
> from onapsdk.nbi import ServiceOrder, ServiceSpecification
> from onapsdk.service import Service
> from onapsdk.vf import Vf
> from onapsdk.vsp import Vsp
> vendor = Vendor(name=VENDOR_NAME)
> vendor.onboard()
> vsp = Vsp(name=VSP_NAME, vendor=vendor, package=open(VSP_FILEPATH, "rb"))
> vsp.onboard()
> vf = Vf(name=VF_NAME, vsp=vsp)
> vf.onboard()
> service = Service(name=SERVICE_NAME, resources=[vf])
> service.onboard()
> service_specification = ServiceSpecification.get_by_id(service.identifier)
> customer = Customer.get_by_global_customer_id(GLOBAL_CUSTOMER_ID)
> customer.subscribe_service(service)
> service_order = ServiceOrder.create(customer, service_specification)
```

What next?

- › Macro instantiation
- › Migrate from onap_tests to pythonsdk_tests
 - › CNF
 - › CLAMP
 - › CDS
 - › Policy

Contact

- › Project is hosted on GitLab.com => <https://gitlab.com/Orange-OpenSource/lfn/onap/python-onapsdk/>
- › Documentation => <https://python-onapsdk.readthedocs.io/en/latest/>
- › Rocket chat „onap-integration” channel
- › Integration team meetings
- › Michal.Jagiello@t-mobile.pl



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Thank You!

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