Service Openstack Cloud de la DSI INRAE

Version 0.0.1

Créer un réseau interne

⚠ Pour vous assurer de consulter la dernière version de la documentation et ainsi disposer des informations les plus récentes ainsi que pour un rendu optimal, privilégiez la version en ligne : https://documentation.cloud.inrae.fr/

Créer un réseau interne

> **Information**
>
> Par défaut, un réseau interne vous sera fourni lors de la creation de votre projet.

```
$> openstack network create <network_name>
$> openstack subnet create --subnet-range <subnet_range> --network <network>
<subnet>
```

- **network** : nom du réseau à créer
- **subnet_range** : CIDR du sous-réseau (range des ip disponibles)
- **network** : nom ou ID du réseau dans lequel créer le subnet
- **subnet** : nom du sous-reseau à créer

> **A noter**
>
> Pour récupérer les informations des réseau disponibles sur le projet vous pouvez suivre la documentation ici

Exemple :

```
```

```
$ openstack network create test-network
+---------------------------+--------------------------------------+
| Field                     | Value                                |
+---------------------------+--------------------------------------+
| admin_state_up            | UP                                   |
| availability_zone_hints   |                                      |
| availability_zones        |                                      |
| created_at                | 2016-12-13T23:21:01Z                 |
| description               |                                      |
| dns_domain                | None                                 |
| id                        | 9c504a5b-1ded-4e3d-8d90-8bfac687ede9 |
| ipv4_address_scope        | None                                 |
| ipv6_address_scope        | None                                 |
| is_default                | None                                 |
| mtu                       | 1450                                 |
| name                      | test-network                         |
| port_security_enabled     | True                                 |
| project_id                | 54fd1f05254c4a9783b5d2709336cddd     |
| provider:network_type     | vxlan                                |
| provider:physical_network | None                                 |
| provider:segmentation_id  | 77                                   |
| qos_policy_id             | None                                 |
| revision_number           | 2                                    |
| router:external           | Internal                             |
| segments                  | None                                 |
| shared                    | False                                |
| status                    | ACTIVE                               |
| subnets                   |                                      |
| tags                      |                                      |
| updated_at                | 2016-12-13T23:21:01Z                 |
+---------------------------+--------------------------------------+
```

```
+-------------------------------------+
| Field                     | Value                                |
+---------------------------+--------------------------------------+
| admin_state_up            | UP                                   |
| availability_zone_hints   |                                      |
| availability_zones        |                                      |
| created_at                | 2026-04-14T20:12:12Z                 |
| description               |                                      |
| dns_domain                |                                      |
| id                        | fca89eda-71ee-47bf-a573-31015ae6bfa5 |
| ipv4_address_scope        | None                                 |
| ipv6_address_scope        | None                                 |
| is_default                | False                                |
| is_vlan_qinq              | None                                 |
| is_vlan_transparent       | None                                 |
| l2_adjacency              | True                                 |
| mtu                       | 1442                                 |
| name                      | test-network                         |
| port_security_enabled     | True                                 |
| project_id                | 1eeec6c08e46429aa3e02e7acca8bdcd     |
| provider:network_type     | None                                 |
| provider:physical_network | None                                 |
| provider:segmentation_id  | None                                 |
| qos_policy_id             | None                                 |
| revision_number           | 1                                    |
| router:external           | Internal                             |
| segments                  | None                                 |
| shared                    | False                                |
| status                    | ACTIVE                               |
| subnets                   |                                      |
| tags                      |                                      |
| updated_at                | 2026-04-14T20:12:12Z                 |
+---------------------------+--------------------------------------+
$> openstack subnet create --subnet-range "10.0.0.0/24" --network test-network
test-subnet
+----------------------+--------------------------------------+
| Field                | Value                                |
+----------------------+--------------------------------------+
| allocation_pools     | 10.0.0.2-10.0.0.254                  |
| cidr                 | 10.0.0.0/24                          |
| created_at           | 2026-04-14T20:20:44Z                 |
| description          |                                      |
| dns_nameservers      |                                      |
| dns_publish_fixed_ip | None                                 |
| enable_dhcp          | True                                 |
| gateway_ip           | 10.0.0.1                             |
| host_routes          |                                      |
| id                   | 95311b74-b84c-46db-813a-246ba9b3b8ef |
| ip_version           | 4                                    |
| ipv6_address_mode    | None                                 |
| ipv6_ra_mode         | None                                 |
| name                 | test-subnet                          |
| network_id           | fca89eda-71ee-47bf-a573-31015ae6bfa5 |
| project_id           | 1eeec6c08e46429aa3e02e7acca8bdcd     |
| revision_number      | 0                                    |
| segment_id           | None                                 |
| service_types        |                                      |
| subnetpool_id        | None                                 |
| tags                 |                                      |
| updated_at           | 2026-04-14T20:20:44Z                 |
+----------------------+--------------------------------------+
```