|  |  |  |  |
| --- | --- | --- | --- |
| Nội dung | Url | Request | Response |
| Authentication | https://mitaka.uit.edu.vn:5000/v3/auth/tokens | {  "auth": {  "identity": {  "methods": [  "password"  ],  "password": {  "user": {  "name": "quanlt33",  "domain": {  "name": "Default"  },  "password": "tmp\_password"  }  }  }  }  } | Header: X-Subject-Token: gAAAAABZ0…  Body: … |
| Tạo network | https://mitaka.uit.edu.vn:9696/v2.0/networks | Header:  Content-Type: application/json  X-Auth-Token: gAAAAABZ0GvFz9W4hSjNvj6YZ8B…  Body:  {  "network": {  "name": "nhomXX\_net1",  "admin\_state\_up": true  }  } | {  …  "id": "f675ab54-6b27-4ddd-bce1-b5e4019ffb30",  "name": "nhomXX\_net1"  …  } |
|  |  |  |  |
| Tạo subnet | https://mitaka.uit.edu.vn:9696/v2.0/subnets | Header:  Content-Type: application/json  X-Auth-Token: gAAAAABZ0GvFz9W4hSjNvj6YZ8B…  Body:  {  "subnets": [  {  "name":"nhomXX\_subnet1",  "cidr": "192.168.11.0/24",  "ip\_version": 4,  "network\_id": "f675ab54-6b27-4ddd-bce1-b5e4019ffb30"  }  ]  } | {  …  "id": "cca07cd6-164d-48ab-8f2d-3060e84e7d23",  "name": "nhomXX\_subnet1"  …  } |
| Tạo port | https://mitaka.uit.edu.vn:9696/v2.0/ports | Header:  Content-Type: application/json  X-Auth-Token: gAAAAABZ0GvFz9W4hSjNvj6YZ8B…  Body:  {  "port": {  "admin\_state\_up": true,  "port\_security\_enabled": false,  "security\_groups": null,  "network\_id": "f675ab54-6b27-4ddd-bce1-b5e4019ffb30",  "fixed\_ips":[  {"ip\_address": "192.168.11.11",  "subnet\_id": "cca07cd6-164d-48ab-8f2d-3060e84e7d23"}]  }  } | {  "port":  {  "subnet\_id": "cca07cd6-164d-48ab-8f2d-3060e84e7d23",  "ip\_address": "192.168.11.11"  }  ],  "id": "0558eb4d-81fb-4c63-a341-947018a14b4f",  "security\_groups": [],  } |
| List images | https://mitaka.uit.edu.vn:9292/v2/images | Header:  Content-Type: application/json  X-Auth-Token: gAAAAABZ0GvFz9W4hSjNvj6YZ8B… | {  "status": "active",  "description": "centos7",  …  "id": "6c3a1921-ac5e-4ed0-8728-979b9d99ce45",  …  "name": "centos7"  }  , |
| List flavor | https://mitaka.uit.edu.vn:8774/v2.1/flavors | Header:  Content-Type: application/json  X-Auth-Token: gAAAAABZ0GvFz9W4hSjNvj6YZ8B… | {  "id": "3",  …  "name": "m1.medium"  }  , |
| List keypair | https://mitaka.uit.edu.vn:8774/v2.1/os-keypairs | Header:  Content-Type: application/json  X-Auth-Token: gAAAAABZ0GvFz9W4hSjNvj6YZ8B… | {  "keypair":  {  "public\_key": "ssh-rsa … Generated-by-Nova",  "name": "nhan",  "fingerprint": "8b:69:e1:b4:9d:e6:54:97:d8:28:eb:bb:26:81:7d:82"  }  } |
| Tạo server | https://mitaka.uit.edu.vn:8774/v2.1/servers | Header:  Content-Type: application/json  X-Auth-Token: gAAAAABZ0GvFz9W4hSjNvj6YZ8B…  Body:  {  "server" : {  "name" : "nhomXX\_pc1",  "imageRef" : "6c3a1921-ac5e-4ed0-8728-979b9d99ce45",  "flavorRef" : "3",  "availability\_zone": "nova",  "metadata" : {  "Owner" : "Nhanlt"  },  "security\_groups": [  {  "name": "default"  }  ],  "networks":[{"uuid":"7e7a521b-d8c3-4ab7-9c54-24523b03149f"},  {"port":"0558eb4d-81fb-4c63-a341-947018a14b4f"}  ],  "user\_data":"…",  "key\_name":"nhan"  }  } | {  "server":  {  "security\_groups": [    {  "name": "default"  }  ],  "OS-DCF:diskConfig": "MANUAL",  "id": "e8deb081-6ad7-4f30-a314-03991119aebf",  "links": [    {  "href": "<https://mitaka.uit.edu.vn:8774/v2.1/servers/e8deb081-6ad7-4f30-a314-03991119aebf>",  "rel": "self"  }  ,    {  "href": "<https://mitaka.uit.edu.vn:8774/servers/e8deb081-6ad7-4f30-a314-03991119aebf>",  "rel": "bookmark"  }  ],  "adminPass": "2yxxaB9ZQpeW"  }  } |

Nhắc sinh viên: xóa network + subnet trên giao diện không được thì gọi API xóa port trước.