

```
File  Modifica  Visualizza  Cerca  Terminale  Aiuto
> pipx inject --include-apps ansible argcomplete
installed package argcomplete 3.5.3, installed using Python 3.10.12
These apps are now globally available
- activate-global-python-argcomplete
- ansible
- ansible-community
- ansible-config
- ansible-connection
- ansible-console
- ansible-doc
- ansible-galaxy
- ansible-inventory
- ansible-playbook
- ansible-pull
- ansible-test
- ansible-vault
- python-argcomplete-check-easy-install-script
- register-python-argcomplete
done! ✨ ✨ ✨
  injected package argcomplete into venv ansible
done! ✨ ✨ ✨

🐧 🏠 ~
```

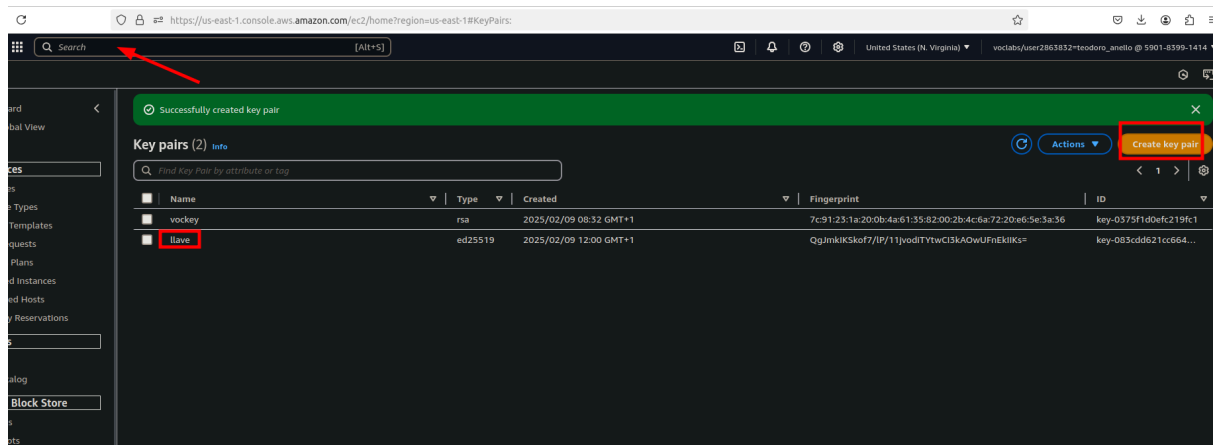
```
File  Modifica  Visualizza  Cerca  Terminale  Aiuto
> pipx inject ansible boto3 botocore
injected package boto3 into venv ansible
done! ✨ ✨ ✨
  injected package botocore into venv ansible
done! ✨ ✨ ✨

🐧 📁 ~/ansible_aws
```

`pipx inject ansible ansible-lint`

Crear llave para usar en archivo yml

`aws ec2 create-key-pair --key-name "llave" --key-type "ed25519" --key-format "pem"`



## create\_key\_pair.yml

```
- name: Create key pair
  hosts: localhost
  gather_facts: False
  tasks:
    - name: Creating key
      amazon.aws.ec2_key:
        name: ansible_key
        region: us-east-1
        key_type: ed25519
        register: key_output
    - name: Store key
      copy:
        content: "{{ key_output.key.private_key }}"
        dest: "/your_path/ansible_key.pem"
        mode: "0400"
      when: key_output.key.private_key
```

```
teo@mensajerial:~/aws_cli_ds/work/ansible_work$ ansible-playbook create_key_pair.yml
[WARNING]: No inventory was parsed, only implicit localhost is available
[WARNING]: provided hosts list is empty, only localhost is available. Note that the implicit localhost does not match 'all'

PLAY [Create key pair] *****

TASK [Creating key] *****
changed: [localhost]

TASK [Store key] *****
changed: [localhost]

PLAY RECAP *****
localhost                : ok=2    changed=2    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0

teo@mensajerial:~/aws_cli_ds/work/ansible_work$ ls
claves  create_instance_ec2.yml  create_key_pair.yml
teo@mensajerial:~/aws_cli_ds/work/ansible_work$ ls claves/
ansible_key.pem
teo@mensajerial:~/aws_cli_ds/work/ansible_work$
```

create\_instance.yml

Archivo yml para crear una instancia

```
- name: Crear instancia ec2
  hosts: localhost
  gather_facts: False
  tasks:
    - name: lanzar instancia ec2
      amazon.aws.ec2_instance:
        key_name: llave
        region: us-east-1
        instance_type: t2.micro
        image_id: ami-04b4f1a9cf54c11d0
        wait: yes
        count: 1
        register: ec2

    - name: Mostra info
      debug:
        var: ec2.instances
```

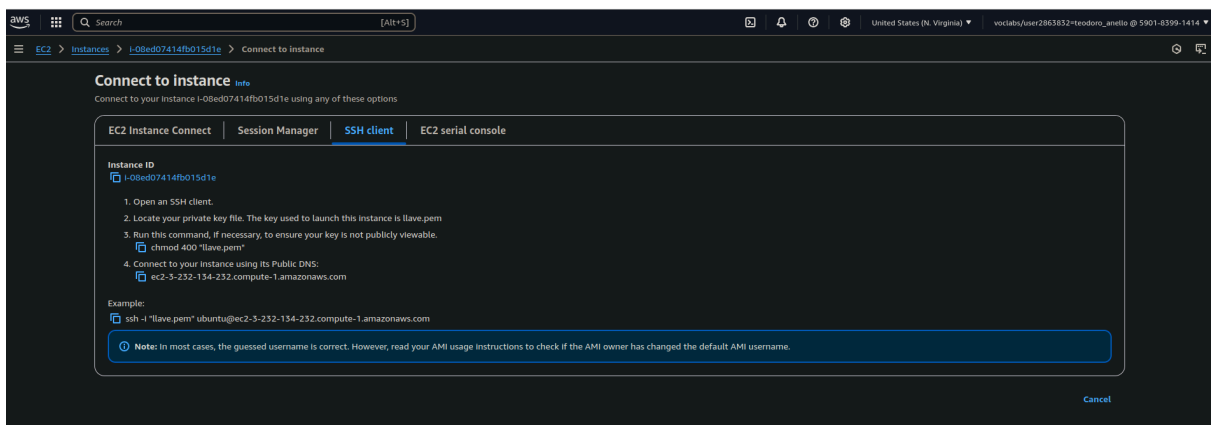
la task Mostra info devolverá la info de la instancia creada

```
PLAY [Crear instancia ec2] *****

TASK [lanzar instancia ec2] *****
changed: [localhost]

TASK [Mostra info] *****
ok: [localhost] => {
  "ec2.instances": [
    {
      "ami_launch_index": 0,
      "architecture": "x86_64",
      "block_device_mappings": [
        {
          "device_name": "/dev/sda1",
          "ebs": {
            "attach_time": "2025-02-09T11:01:50+00:00",
            "delete_on_termination": true,
            "status": "attaching",
            "volume_id": "vol-0756dab225e800f4e"
          }
        }
      ],
      "boot_mode": "uefi-preferred",
      "capacity_reservation_specification": {
        "capacity_reservation_preference": "open"
      },
      "client_token": "634569a28ac04154b06192be2fe046bf",
      "cpu_options": {
        "core_count": 1,
        "threads_per_core": 1
      },
      "current_instance_boot_mode": "legacy-bios",
      "ebs_optimized": false,
      "ena_support": true,
      "enclave_options": {
        "enabled": false
      },
      "hibernation_options": {
        "configured": false
      },
      "hypervisor": "xen",
      "image_id": "ami-04b4f1a9cf54c11d0",
      "instance_id": "i-08ed07414fb015d1e",
      "instance_type": "t2.micro",
      "key_name": "llave",
      "launch_time": "2025-02-09T11:01:49+00:00",
      "maintenance_options": {
```

probar la conexiòn (Habilitar ssh en security group)



Obtener la informaciòn de las instancias

```
- name: Listar instancias EC2
hosts: localhost
gather_facts: False
tasks:
- name: Obten info
  amazon.aws.ec2_instance_info:
    region: us-east-1
    register: ec2_info
- name: Mostrar info
  debug:
    var: ec2_info.instances
```