

# **Implementando**

## **ANSIBLE AUTOMATION PLATFORM (AAP)**

### **Containerized**

**Autor: Miguel Angel Alcocer Rojo**

-

-Descargamos el iso de RHEL 9.5

URL = <https://developers.redhat.com/products/rhel/download#rhelforsap896>

URL = [https://developers.redhat.com/content-gateway/file/rhel/Red\\_Hat\\_Enterprise\\_Linux\\_9.5/rhel-9.5-x86\\_64-dvd.iso](https://developers.redhat.com/content-gateway/file/rhel/Red_Hat_Enterprise_Linux_9.5/rhel-9.5-x86_64-dvd.iso)

-Documentación oficial:

URL = [https://docs.redhat.com/en/documentation/red\\_hat\\_ansible\\_automation\\_platform/2.5/html/containerized\\_installation/index](https://docs.redhat.com/en/documentation/red_hat_ansible_automation_platform/2.5/html/containerized_installation/index)

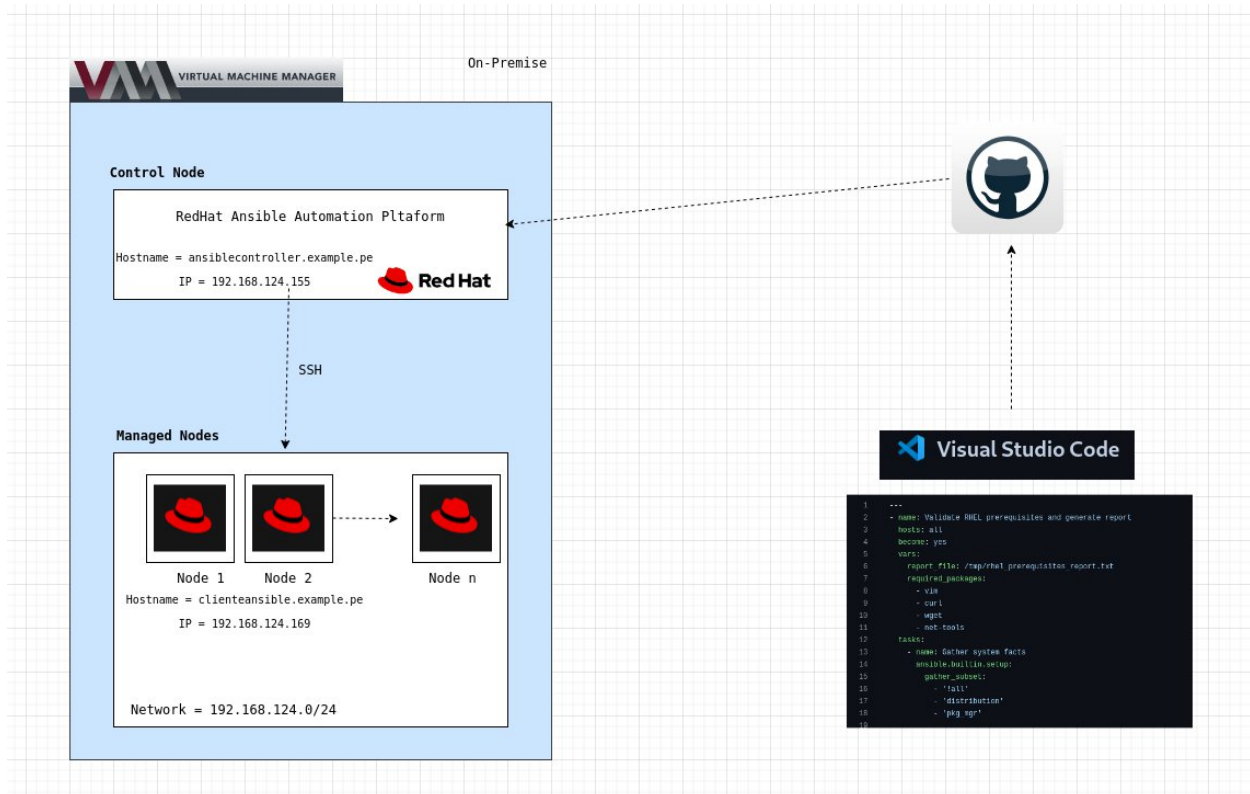
-Validar las suscripciones de AAP

URL = <https://access.redhat.com/management/subscriptions>

-Registrar o Suscribir el RHEL 9.5

URL = <https://console.redhat.com/insights/registration#SIDs=&tags=>

## -Diseño de Arquitectura propuesta



## -Obteniendo el key de la suscripción

The screenshot shows the Red Hat Hybrid Cloud Console interface. The left sidebar contains a navigation menu with the following items: Dashboard, Inventory, Content, Operations, Security, Business, Automation Toolkit, Registration Assistant (highlighted), and Learning Resources. The main content area displays the registration steps:

You need an [activation key](#) to register. An activation key is a pre-shared token that

**Activation key \***

key-malcocer01

You can manage activation keys on the [Activation keys page](#).

▼ Show selected activation key

<b>Name</b>	key-malcocer01
<b>Description</b>	Not defined
<b>Workload</b>	Not defined
<b>Role</b>	RHEL Server
<b>Service level agreement(SLA)</b>	Not defined
<b>Usage</b>	Development/Test

✓ **Select operating system**

Select the OS your system is running.

☐ CentOS Linux 7 ☐ RHEL 7 ☐ RHEL 8 ☒ RHEL 9 or later

🔵 **Register RHEL 9 or later**

Run the following commands in the terminal of your RHEL system with root privileges

1. Connect to Insights.  
This allows Red Hat Insights to provide analytics and run remediations.

```
rhc connect --activation-key key-malcocer01 --organization 11798
```

-Ejecutando el comando de la suscripción del SO RHEL 9.5

```

root@ansibleautomation ~]# dnf repolist all
Updating Subscription Management repositories.
Unable to read consumer identity

This system is not registered with an entitlement server. You can use "rhc" or "subscription-manager" to register this system.
No repositories available
root@ansibleautomation ~]# rhc connect --activation-key key-malcocer01 --organization 11798
Connecting ansibleautomation to Red Hat.
This might take a few seconds.

• Connected to Red Hat Subscription Management
• Connected to Red Hat Insights
• Activated the Remote Host Configuration daemon
• Enabled console.redhat.com services: remote configuration, insights, remediations, compliance
Successfully connected to Red Hat!

Manage your connected systems: https://red.ht/connector
root@ansibleautomation ~]#

```

-Actualizamos el SO RHEL 9.5

```
#dnf update
```

-configuramos FQDN en el SO Linux:

```
#hostnamectl set-hostname ansiblecontroller.example.pe
```

```
#hostnamectl set-hostname clienteansible.example.pe
```

-Suscribir el RedHat:

```
#subscription-manager register
```

4. Run **sudo dnf repolist** to validate that only the BaseOS and AppStream repositories are set up and enabled on the host:

```
$ sudo dnf repolist
Updating Subscription Management repositories.
repo id                                repo name
rhel-9-for-x86_64-appstream-rpms      Red Hat Enterprise Linux 9 for x86_64 -
AppStream (RPMs)
rhel-9-for-x86_64-baseos-rpms        Red Hat Enterprise Linux 9 for x86_64 -
BaseOS (RPMs)
```

5. Ensure that only these repositories are available to the Red Hat Enterprise Linux host. For more information about managing custom repositories, see [Managing custom software repositories](#).

7. Install **ansible-core**:

```
sudo dnf install -y ansible-core
```

8. Optional: You can install additional utilities that can be useful for troubleshooting purposes, for example **wget**, **git-core**, **rsync**, and **vim**:

```
sudo dnf install -y wget git-core rsync vim
```

-Descargamos el paquete desde la web RedHat

-Descargar instalador del ANSIBLE AUTOMATION PLATFORM

URL = <https://www.redhat.com/en/technologies/management/ansible/trial?trialid=4d4b54474556414c31303339&bypass=0>

URL =

[https://access.cdn.redhat.com/content/origin/files/sha256/10/105b6b16a6a5aa34610a65389a965de8be769b4457d0b58e98af61d9fa1b0a21/ansible-automation-platform-containerized-setup-bundle-2.5-12-x86\\_64.tar.gz?user=6f606bb327dba8c34d16ea801a045a81&\\_auth\\_=1746222151\\_fd07c264847e0be51ea41398c4721aaa](https://access.cdn.redhat.com/content/origin/files/sha256/10/105b6b16a6a5aa34610a65389a965de8be769b4457d0b58e98af61d9fa1b0a21/ansible-automation-platform-containerized-setup-bundle-2.5-12-x86_64.tar.gz?user=6f606bb327dba8c34d16ea801a045a81&_auth_=1746222151_fd07c264847e0be51ea41398c4721aaa)

-Procedemos a desempaquetarlo:

b. To unpack the offline or bundled installer:

```
$ tar xfvz ansible-automation-platform-containerized-setup-bundle-<version>-<arch_name>.tar.gz
```

```
[miguel@ansiblecontroller ansible-automation-platform-containerized-setup-bundle-2.5-12-x86_64]$ ls -lrt
total 56
drwxr-xr-x 3 root root   33 Apr  7 15:52 collections
-rw-r--r-- 1 root root   97 Apr  7 15:52 ansible.cfg
-rw-r--r-- 1 root root 37308 Apr  7 15:52 README.md
-rw-r--r-- 1 root root 3414 Apr  7 15:52 inventory-growth
drwxr-xr-x 4 root root   39 Apr  7 15:52 bundle
-rw-r--r-- 1 root root 3473 Apr 28 18:27 inventory_backup
-rw-r--r-- 1 root root 3046 Apr 28 19:10 inventory
[miguel@ansiblecontroller ansible-automation-platform-containerized-setup-bundle-2.5-12-x86_64]$
[miguel@ansiblecontroller ansible-automation-platform-containerized-setup-bundle-2.5-12-x86_64]$ pwd
/home/miguel/ansible-automation-platform-containerized-setup-bundle-2.5-12-x86_64
[miguel@ansiblecontroller ansible-automation-platform-containerized-setup-bundle-2.5-12-x86_64]$
```

Ruta: /home/miguel/ansible-automation-platform-containerized-setup-bundle-2.5-12-x86\_64

-Configuramos el archivo "inventory": (recomendado a usar "todo en uno": **inventory-growth**)

```
#sudo vim inventory
```

```
# This is the AAP enterprise installer inventory file
```

```
# Please consult the docs if you're unsure what to add
```

```
# For all optional variables please consult the included README.md
```

```
# or the Red Hat documentation:
```

```
# https://docs.redhat.com/en/documentation/red\_hat\_ansible\_automation\_platform/2.5/html/containerized\_installation
```

```
# This section is for your AAP Gateway host(s)
```

```
# -----
```

```
[automationgateway]
```

```
ansiblecontroller.example.pe ansible_connection=local
```

```
# This section is for your AAP Controller host(s)
```

```
# -----
```

```
[automationcontroller]
```

```
ansiblecontroller.example.pe ansible_connection=local
```

```
# This section is for your AAP Automation Hub host(s)
```

```
# -----
```

```
[automationhub]
```

```
ansiblecontroller.example.pe ansible_connection=local
```

```
# This section is for your AAP EDA Controller host(s)
```

```
# -----
```

```
[automationeda]
```

```
ansiblecontroller.example.pe ansible_connection=local
```

```
[database]
```

```
ansiblecontroller.example.pe ansible_connection=local
```

```
[all:vars]
```

```
# Common variables
```

```
# https://docs.redhat.com/en/documentation/red_hat_ansible_automation_platform/2.5/html/containerized_installation/appendix-  
inventory-files-vars#ref-general-inventory-variables
```

```
# -----
```

```
postgresql_admin_username=postgres
```

```
postgresql_admin_password=redhat123
```

```
bundle_install=true
```

```
# The bundle directory must include /bundle in the path
```

```
bundle_dir='{{ lookup("ansible.builtin.env", "PWD") }}/bundle'
```

```
redis_mode=standalone
```

```
# AAP Gateway
```

```
# https://docs.redhat.com/en/documentation/red_hat_ansible_automation_platform/2.5/html/containerized_installation/appendix-  
inventory-files-vars#ref-gateway-variables
```

```
# -----
```

```
gateway_admin_password=redhat123
```

```
gateway_pg_host=ansiblecontroller.example.pe
```

```
gateway_pg_password=redhat123
```

```
# AAP Controller
```

```
# https://docs.redhat.com/en/documentation/red_hat_ansible_automation_platform/2.5/html/containerized_installation/appendix-  
inventory-files-vars#ref-controller-variables
```

```
# -----
```

```
controller_admin_password=redhat123
```

```
controller_pg_host=ansiblecontroller.example.pe
```

```
controller_pg_password=redhat123
```

```
controller_percent_memory_capacity=0.5
```

```
# AAP Automation Hub
```



```
# https://docs.redhat.com/en/documentation/red_hat_ansible_automation_platform/2.5/html/containerized_installation/appendix-  
inventory-files-vars#ref-hub-variables
```

```
# -----
```

```
hub_admin_password=redhat123
```

```
hub_pg_host=ansiblecontroller.example.pe
```

```
hub_pg_password=redhat123
```

```
# AAP EDA Controller
```

```
# https://docs.redhat.com/en/documentation/red_hat_ansible_automation_platform/2.5/html/containerized_installation/appendix-  
inventory-files-vars#event-driven-ansible-controller
```

```
# -----
```

```
eda_admin_password=redhat123
```

```
eda_pg_host=ansiblecontroller.example.pe
```

```
eda_pg_password=redhat123
```

-Instalando:

```
#ansible-playbook -i <inventory_file_name> ansible.containerized_installer.install
```

```
#ansible-playbook -i inventory-growth ansible.containerized_installer.install --ask-become-pass
```

(Aquí esperaremos varios minutos a que concluya la instalación)

-Accedemos a la web del AAP

-URL = https://192.168.124.155

← → ↻ https://192.168.124.155

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Red Hat Password \*

Subscription \*

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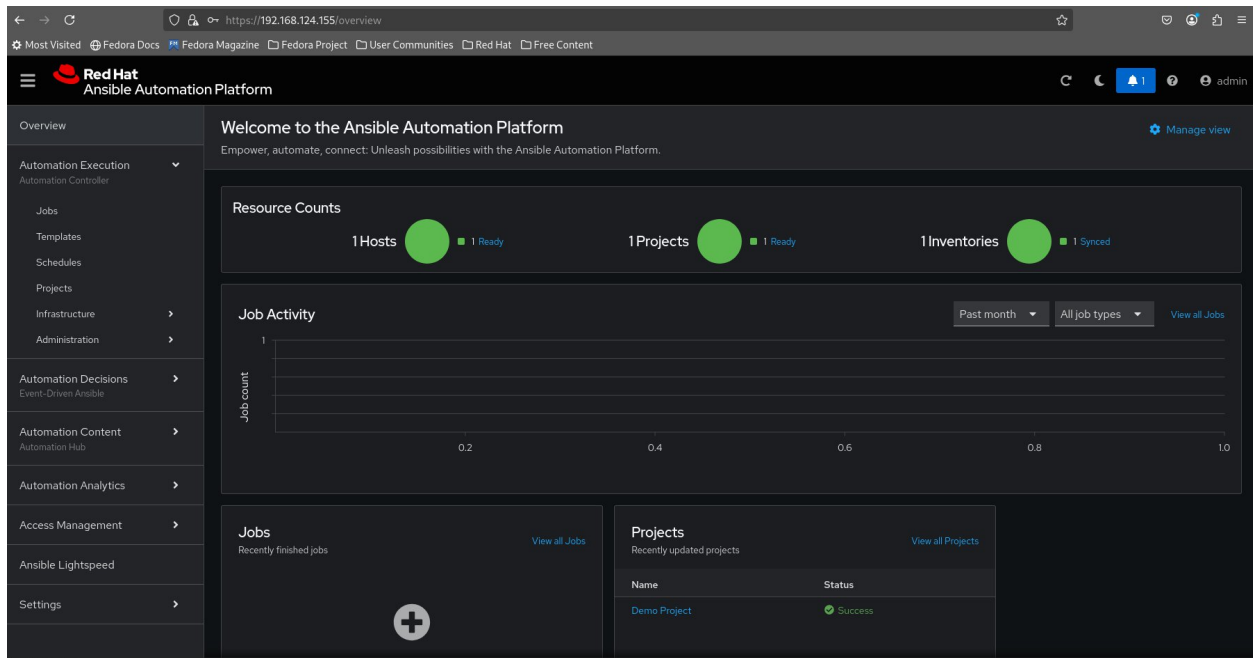
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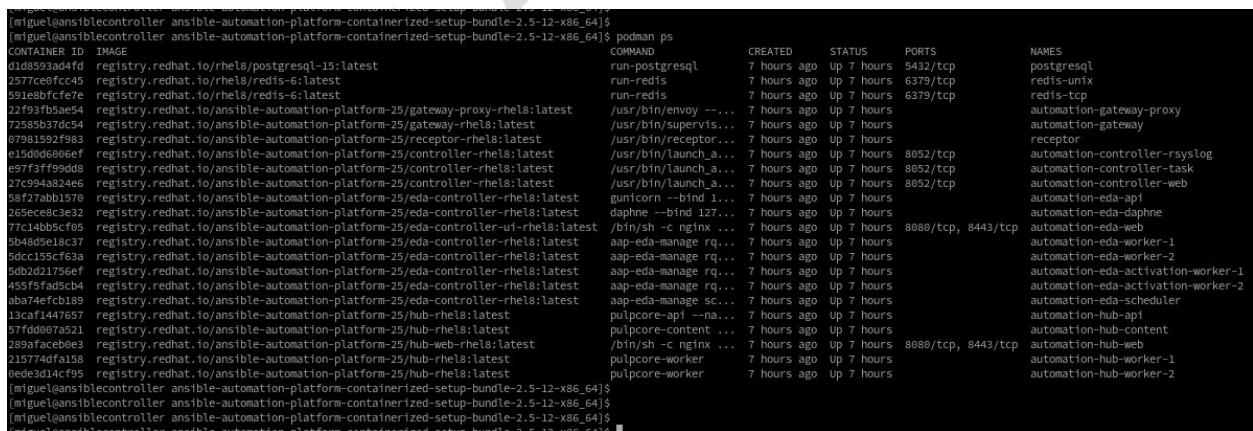
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-Accedemos al panel principal del AAP:



-Validamos los contenedores:

#podman ps



## -IMPORTANTE TROUBLESHOOTING:

Cuando el SO LINUX, se haya apagado o reiniciado, quizá no cargue la web del AAP, entonces debes listar los contenedores, detenerlos, eliminarlos y volver a ejecutar la instalación del AAP.

```
podman ps -a
podman rm automation-controller-rsyslog
podman rm automation-controller-task
podman rm automation-controller-web
podman rm postgresql
podman ps
podman ps -a
podman stop automation-gateway
podman rm automation-gateway
podman stop automation-gateway-proxy
podman stop redis-tcp
podman rm redis-tcp
podman rm automation-gateway-proxy
podman ps -a
podman stop postgresql
podman rm postgresql
podman stop redis-unix
podman rm redis-unix
podman ps -a
ls -lrt
cd ansible-automation-platform-containerized-setup-bundle-2.5-12-x86_64/
ls -lrt
history | grep ansible-playbook
ansible-playbook -i inventory-growth ansible.containerized_installer.install --ask-become-pass
history
```

```
[usrans ible@AZ-EU-PV-SBX-ANSIBLE-VM-01 ansible-automation-platform-containerized-setup-bundle-2.5-12-x86_64]$ podman ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS
0428fb697a18	registry.redhat.io/rhel8/postgresql-15:latest	run-postgresql	13 minutes ago	Up 13 minutes
a3997212e18b	registry.redhat.io/rhel8/redis-6:latest	run-redis	13 minutes ago	Up 13 minutes
6c7dfdb94819	registry.redhat.io/rhel8/redis-6:latest	run-redis	13 minutes ago	Up 13 minutes
68c3cefaa364	registry.redhat.io/ansible-automation-platform-25/gateway-proxy-rhel8:latest	/usr/bin/envoy --...	12 minutes ago	Up 12 minutes
b7cca68a1ad5	registry.redhat.io/ansible-automation-platform-25/gateway-rhel8:latest	/usr/bin/supervis...	12 minutes ago	Up 12 minutes
51905222f9df	registry.redhat.io/ansible-automation-platform-25/receptor-rhel8:latest	/usr/bin/receptor...	11 minutes ago	Up 11 minutes
866d9db65f19	registry.redhat.io/ansible-automation-platform-25/controller-rhel8:latest	/usr/bin/launch_a...	11 minutes ago	Up 10 minutes
1f042dbd1f40	registry.redhat.io/ansible-automation-platform-25/controller-rhel8:latest	/usr/bin/launch_a...	11 minutes ago	Up 10 minutes
64d4e35ed01c	registry.redhat.io/ansible-automation-platform-25/controller-rhel8:latest	/usr/bin/launch_a...	11 minutes ago	Up 10 minutes

```
[usrans ible@AZ-EU-PV-SBX-ANSIBLE-VM-01 ansible-automation-platform-containerized-setup-bundle-2.5-12-x86_64]$
```

## -Configurando y Agregando nodos Clientes al AAP:

El flujo, es el sgte: Inventory, Credentials, Projects y Jobs Templates.

## -Creando **Inventory**:

The screenshot displays the Red Hat Ansible Automation Platform (AAP) interface. The browser address bar shows the URL: `https://192.168.124.155/execution/infrastructure/inventories/inventory/3/edit`. The page title is "Edit inventory\_rhel8x".

The left sidebar contains the following navigation items:

- Overview
- Automation Execution
  - Automation Controller
  - Jobs
  - Templates
  - Schedules
  - Projects
  - Infrastructure
    - Topology View
    - Inventories
    - Hosts
    - Instance Groups
    - Instances
    - Execution Environments
    - Credentials
    - Credential Types
- Administration
  - Activity Stream
  - Workflow Approvals
  - Notifiers
  - Management Jobs
- Automation Decisions (Event-Driven Available)
- Automation Content (Automation Hub)
- Automation Analytics
- Access Management

The main content area shows the "Edit inventory\_rhel8x" form with the following fields:

- Name:** inventory\_rhel8x
- Description:** inventario de servidores rhel 8x
- Organization:** Default
- Instance groups:** Select instance groups
- Labels:** Select or create labels
- Variables:** (Empty field with a "Variables" icon)
- Options:**
  - ☐ Prevent instance group fallback

At the bottom of the form, there are two buttons: "Save inventory" and "Cancel".

-IMPORTANTE:

Los tipos de archivos que existen para el SSH son:

( `authorized_keys`, `id_rsa`, `id_rsa.pub`, `known_hosts`)

1. **authorized\_keys**: Este archivo contiene las claves públicas SSH que están autorizadas para acceder a esta cuenta (root en este caso) sin necesidad de contraseña. Es un archivo crítico para la seguridad.
2. **id\_rsa**: Esta es la clave privada SSH del usuario root. Es extremadamente sensible y nunca debe compartirse. Normalmente está protegida con una frase de contraseña.
3. **id\_rsa.pub**: Esta es la clave pública correspondiente a `id_rsa`. Esta es la parte que puedes compartir para añadir a `authorized_keys` en otros servidores.
4. **known\_hosts**: Este archivo almacena las huellas digitales de los servidores SSH a los que te has conectado previamente, para verificar su identidad en conexiones futuras.

-IMPORTANTE:

El usuario en el Cliente, tiene que estar agregado en el visudo y sin pedir password.



-Generando las llaves en el servidor AAP, logueados con el usuario "miguel":

#ssh-keygen

```
[miguel@ansiblecontroller ~]$ ssh-keygen
Generating public/private rsa key pair.
Enter file in which to save the key (/home/miguel/.ssh/id_rsa):
Created directory '/home/miguel/.ssh'.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/miguel/.ssh/id_rsa
Your public key has been saved in /home/miguel/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:1Ntv9bSE3CyDKZo6SKTziRpQRIdFPSitmP0DxZxIZIM miguel@ansiblecontroller.example.pe
The key's randomart image is:
+---[RSA 3072]-----+
|  =B0++          |
| Eo+oB o  .      |
| +.+  .o         |
| O.+  . o  + +   |
| . oo   S..o =.+ |
| .o .o  o .. .+o |
| . = o. o  o  .. |
| o + ..  .       |
| o  ..          |
+---[SHA256]-----+
[miguel@ansiblecontroller ~]$
```

```
[miguel@ansiblecontroller .ssh]$ pwd
/home/miguel/.ssh
[miguel@ansiblecontroller .ssh]$ ls -lrta
total 20
-rw-r--r--  1 miguel miguel  589 Apr 29 19:21 id_rsa.pub
-rw-----  1 miguel miguel 2635 Apr 29 19:21 id_rsa
-rw-----  1 miguel miguel  404 Apr 29 23:06 known_hosts.old
-rw-----  1 miguel miguel 1176 Apr 29 23:14 known_hosts
drwx-----  2 miguel miguel   80 Apr 29 23:31 .
drwx----- 10 miguel miguel 4096 Apr 30 00:01 ..
[miguel@ansiblecontroller .ssh]$
```

-Copiando la llave SSH al Servidor Cliente.

#ssh-copy-id clienteansible.example.pe

-Validando la copia de las llaves en el servidor Cliente, logueados con el usuario "miguel":



```

[miguel@clienteansible .ssh]$ pwd
/home/miguel/.ssh
[miguel@clienteansible .ssh]$ ls -lrt
total 4
-rw-r-----. 1 miguel miguel 983 Apr 29 19:22 authorized_keys
[miguel@clienteansible .ssh]$ cat authorized_keys
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQBNmXvC+he3T56ydx8253jm/Hkkn5n+B/AB755VLCte1tLjXwp1Z02Ngm46Qk1/s15WMy/zorLut8bcIXp6LeEGf+KKr/hyTWf595+Dsvla0GMWwxzVFton1ALE72EYw2gsujYhw011j0Z5MsxxrdBZLL3G+X6Sw/ZV2gcdbal
uhBwCTarM12m701e1o2M2/zFBK0u/egEYqfUA3cuuGLto6mcqYDP9P9BCPgjvR9yGwrDB1EA/dj11np3bGmCdmwv7mR4FLxbKjVj1efy3521QuxZtbHvdtELLHPu112EYF4T4EeLqL1v2gUW7A6TyAyxXJLLOLW/fL root@ansible
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQBNmXvC+he3T56ydx8253jm/Hkkn5n+B/AB755VLCte1tLjXwp1Z02Ngm46Qk1/s15WMy/zorLut8bcIXp6LeEGf+KKr/hyTWf595+Dsvla0GMWwxzVFton1ALE72EYw2gsujYhw011j0Z5MsxxrdBZLL3G+X6Sw/ZV2gcdbal
0FVjBeyu5emC4j7LYem81xmKF3K55XG9ajKxhvJPBAPTm1v1RCMUMJ099chT41uVomRYTZARjaAL0F63KSH2PCB1uJm0G2CVF8ZKX0cFX2EXHxj1V390HQ/L1Q9yEzh809IKXDARDNSg9GF3PTAUQ8usqJWqht1Yezf94fA2kxUsepg0auc5wamdTukNh/7LcG000RwkrVAj
BhRwKtU8E1E7TIEe8RVRHSG1C3j0DLuSwpPuhSkwQ3p3u3ttvsjefj0wNb1hohR9vAc/SHUGckvdtgD+PHCT1mq5TG6dHAtsDRmH38k8mHovubcmoxerWqj+K= miguel@ansiblecontroller.example.pe
[miguel@clienteansible .ssh]$

```

## -Creando **Credential**:

The screenshot shows the Red Hat Ansible Automation Platform interface. The left sidebar contains navigation links for Overview, Automation Execution, Jobs, Templates, Schedules, Projects, Infrastructure, Topology View, Inventories, Hosts, Instance Groups, Instances, Execution Environments, Credentials, Credential Types, Administration, Activity Stream, Workflow Approvals, Notifiers, and Management Jobs. The main content area is titled 'Edit credential\_rhel8x' and contains the following fields:

- Name:** credential\_rhel8x
- Description:** credenciales para servidores rhel 8x
- Organization:** Default
- Credential type:** Machine
- Type Details:**
  - Username:** miguel
  - Password:** ENCRYPTED
  - Prompt on launch:** ☐
  - SSH Private Key:** Drag a file here or browse to upload. Browse... Clear
  - Signed SSH Certificate:** Drag a file here or browse to upload. Browse... Clear
  - Private Key Passphrase:** Enter value. Prompt on launch: ☐
  - Privilege Escalation Method:** sudo
  - Privilege Escalation Username:** Enter value
  - Privilege Escalation Password:** Enter value. Prompt on launch: ☐
- Buttons:** Save credential, Cancel

## -Creando PROJECTS:

Red Hat Ansible Automation Platform

Projects > Edit projects\_rhel8x

**Edit projects\_rhel8x**

Name: projects\_rhel8x Description: proyecto de servidores rhel8x Organization: Default

Execution environment: Select execution environment Source control type: Git Content signature validation credential: Select content signature validation credential

**Type Details**

Source control URL: https://github.com/miguelalcocerr/ansible.git Source control branch/tag/commit: Enter source control branch/tag/commit Source control refspec: Enter source control refspec

Source control credential: Select source control credential

**Options**

☐ Clean ☐ Delete ☐ Track submodules

☐ Update revision on launch ☐ Allow branch override

Save project Cancel

-El repositorio en github es: <https://github.com/miguelalcocerr/ansible.git>

-(Cuando el playbook, se encuentre mediante GITHUB, en PROJECT aparecerá un botón “sincronizar” para que refresque los cambios).

Projects > projects\_rhel8x > Details

projects\_rhel8x

Sync project Edit project

Back to Projects Details Schedules Job Templates User Access Team Access Notifications

## Creando JOB TEMPLATES:

← → ↻ <https://192.168.124.155/execution/templates/job-template/create> 80% ☆ 🔒 🔔 🔖 ☰

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Templates > Create job template

### Create job template

Name *	Description	Job type *	<input type="checkbox"/> Prompt on launch
Validar_parchado_rhel8.10	validacion de requisitos para parchado rhel 8.10	Run	
Inventory *	<input type="checkbox"/> Prompt on launch	Project *	Playbook *
inventory-rhel8		projects_rhel8x	OOI_1_validar_pre_rhel_v4.yaml
Execution environment	<input type="checkbox"/> Prompt on launch	Credentials *	<input type="checkbox"/> Prompt on launch
Select execution environment		credential_rhel8x   Ma... x x	Labels *
			Select or create labels
Forks *	<input type="checkbox"/> Prompt on launch	Limit *	<input type="checkbox"/> Prompt on launch
0		Enter limit to reduce number of hosts	Verbosity *
			0 (Normal)
Job slicing *	<input type="checkbox"/> Prompt on launch	Timeout *	<input type="checkbox"/> Prompt on launch
1		0	Show changes *
			<input type="checkbox"/> Prompt on launch
Instance groups *	<input type="checkbox"/> Prompt on launch	Job tags *	<input type="checkbox"/> Prompt on launch
Select instance groups		Select or create job tags	Skip tags *
			Select or create skip tags
Extra variables * <input type="checkbox"/> Prompt on launch <a href="#">YAML</a> <a href="#">JSON</a>			
<input checked="" type="checkbox"/> Privilege escalation <input type="checkbox"/> Provisioning callback <input type="checkbox"/> Enable webhook			
<input type="checkbox"/> Concurrent jobs <input type="checkbox"/> Enable fact storage <input type="checkbox"/> Prevent instance group fallback			

Create job template Cancel

## -Resultado de la ejecución del playbook

The screenshot displays the Red Hat Ansible Automation Platform (AAP) interface. The browser address bar shows the URL `https://192.168.124.155/execution/jobs/playbook/30/output`. The left sidebar contains navigation menus for Overview, Automation Execution, Jobs, Templates, Schedules, Projects, Infrastructure, Administration, Automation Decisions, and Event Streams. The main content area shows the execution details for a job named `Validar_parchado_rhel8.10`, which is marked as **Success**. The output is displayed in a terminal-like view, showing the following tasks and their results:

```

15 PLAYBOOK: playbook_crea_usuario.yaml *****
16 1 plays in playbook_crea_usuario.yaml
17
18 PLAY [Crear usuario usransible con contraseña] ***** 11:47:37 AM
19
20 TASK [Gathering Facts] ***** 11:47:37 AM
21 task path: /runner/project/playbook_crea_usuario.yaml:3
22 ok: [clienteansible.example.pe]
23
24 TASK [Crear usuario usransible] ***** 11:47:38 AM
25 task path: /runner/project/playbook_crea_usuario.yaml:14
26 [DEPRECATION WARNING]: Encryption using the Python crypt module is deprecated.
27 The Python crypt module is deprecated and will be removed from Python 3.13.
28 Install the passlib library for continued encryption functionality. This
29 feature will be removed in version 2.17. Deprecation warnings can be disabled
30 by setting deprecation_warnings=False in ansible.cfg.
31 changed: [clienteansible.example.pe] => {'changed': true, 'comment': '', 'create_home': true, 'group': 1002, 'home': '/home/usransible', 'name': 'usransible', 'password':
32 'NOT_LOGGING_PASSWORD', 'shell': '/bin/bash', 'state': 'present', 'system': false, 'uid': 1002}
33
34 TASK [Mostrar mensaje de confirmación] ***** 11:47:39 AM
35 task path: /runner/project/playbook_crea_usuario.yaml:24
36 ok: [clienteansible.example.pe] => {
37   "msg": "Usuario usransible creado exitosamente"
38 }
39
40 PLAY RECAP *****
41 clienteansible.example.pe : ok=3  changed=1  unreachable=0  failed=0  skipped=0  rescued=0  ignored=0
  
```

The output indicates that the playbook executed successfully, creating the user `usransible` on the host `clienteansible.example.pe`. The final status shows `ok=3`, `changed=1`, and all other metrics (unreachable, failed, skipped, rescued, ignored) are zero.

-Para finalizar, solo toca comprobar la máquina Cliente, los cambios se haya realizado.