

**UNIVERSIDAD RAFAEL LANDÍVAR**

**FACULTAD DE INGENIERÍA**

**VIRTUALIZACIÓN**

**SECCIÓN 1 VESPERTINA**

**MGTR. JOSSUE LEONEL SAMAYOA PORTILLO**

# **ANSIBLE - HELLO WORLD**

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`ansible-navigator` también funciona como reemplazo de la entrega de `ansible-playbook`, entre otros `ansible-*` utilidades, y es la forma estándar de ejecutar la automatización entrando en Ansible Automation Platform 2.

### Hands-On Lab

[illegible]

The screenshot shows the VS Code editor with the 'test.yml' file open. The file contains a simple Ansible playbook with a 'ping' task. The terminal window shows the execution of the 'ansible-playbook test.yml' command, which successfully runs the 'setup' module on the localhost, displaying various system facts. The output is color-coded, with green for success and yellow for warnings. The 'gather\_facts' task is also shown as completed.

The screenshot shows the VS Code interface with the Ansible Navigator extension. The Explorer pane on the left displays the project structure, including 'playbooks' and 'tasks' folders. The main editor shows the 'test.yml' file, which contains a list of tasks. The Output pane at the bottom shows the execution results of the play, indicating that the tasks were completed successfully. The interface is dark-themed.

instruqtcode-server

File Edit Selection View Go Run Terminal Helpansible-navigator.yml - that - code-server

test.ymlansible-navigator.ymltestutils.yml

ansible-navigator.yml

11121314151617181920212223242526272829303132333435363738394041424344454647484950515253545556575859606162636465666768697071727374757677787980818283848586878889909192939495969798991001011021031041051061071081091101111121131141151161171181191201211221231241251261271281291301311321331341351361371381391401411421431441451461471481491501511521531541551561571581591601611621631641651661671681691701711721731741751761771781791801811821831841851861871881891901911921931941951961971981992002012022032042052062072082092102112122132142152162172182192202212222232242252262272282292302312322332342352362372382392402412422432442452462472482492502512522532542552562572582592602612622632642652662672682692702712722732742752762772782792802812822832842852862872882892902912922932942952962972982993003013023033043053063073083093103113123133143153163173183193203213223233243253263273283293303313323333343353363373383393403413423433443453463473483493503513523533543553563573583593603613623633643653663673683693703713723733743753763773783793803813823833843853863873883893903913923933943953963973983994004014024034044054064074084094104114124134144154164174184194204214224234244254264274284294304314324334344354364374384394404414424434444454464474484494504514524534544554564574584594604614624634644654664674684694704714724734744754764774784794804814824834844854864874884894904914924934944954964974984995005015025035045055065075085095105115125135145155165175185195205215225235245255265275285295305315325335345355365375385395405415425435445455465475485495505515525535545555565575585595605615625635645655665675685695705715725735745755765775785795805815825835845855865875885895905915925935945955965975985996006016026036046056066076086096106116126136146156166176186196206216226236246256266276286296306316326336346356366376386396406416426436446456466476486496506516526536546556566576586596606616626636646656666676686696706716726736746756766776786796806816826836846856866876886896906916926936946956966976986997007017027037047057067077087097107117127137147157167177187197207217227237247257267277287297307317327337347357367377387397407417427437447457467477487497507517527537547557567577587597607617627637647657667677687697707717727737747757767777787797807817827837847857867877887897907917927937947957967977987998008018028038048058068078088098108118128138148158168178188198208218228238248258268278288298308318328338348358368378388398408418428438448458468478488498508518528538548558568578588598608618628638648658668678688698708718728738748758768778788798808818828838848858868878888898908918928938948958968978988999009019029039049059069079089099109119129139149159169179189199209219229239249259269279289299309319329339349359369379389399409419429439449459469479489499509519529539549559569579589599609619629639649659669679689699709719729739749759769779789799809819829839849859869879889899909919929939949959969979989991000100110021003100410051006100710081009101010111012101310141015101610171018101910201021102210231024102510261027102810291030103110321033103410351036103710381039104010411042104310441045104610471048104910501051105210531054105510561057105810591060106110621063106410651066106710681069107010711072107310741075107610771078107910801081108210831084108510861087108810891090109110921093109410951096109710981099110011011102110311041105110611071108110911101111112113114115116117118119120121122123124125126127128129130131132133134135136137138139140141142143144145146147148149150151152153154155156157158159160161162163164165166167168169170171172173174175176177178179180181182183184185186187188189190191192193194195196197198199200201202203204205206207208209210211212213214215216217218219220221222223224225226227228229230231232233234235236237238239240241242243244245246247248249250251252253254255256257258259260261262263264265266267268269270271272273274275276277278279280281282283284285286287288289290291292293294295296297298299300301302303304305306307308309310311312313314315316317318319320321322323324325326327328329330331332333334335336337338339340341342343344345346347348349350351352353354355356357358359360361362363364365366367368369370371372373374375376377378379380381382383384385386387388389390391392393394395396397398399400401402403404405406407408409410411412413414415416417418419420421422423424425426427428429430431432433434435436437438439440441442443444445446447448449450451452453454455456457458459460461462463464465466467468469470471472473474475476477478479480481482483484485486487488489490491492493494495496497498499500501502503504505506507508509510511512513514515516517518519520521522523524525526527528529530531532533534535536537538539540541542543544545546547548549550551552553554555556557558559560561562563564565566567568569570571572573574575576577578579580581582583584585586587588589590591592593594595596597598599600601602603604605606607608609610611612613614615616617618619620621622623624625626627628629630631632633634635636637638639640641642643644645646647648649650651652653654655656657658659660661662663664665666667668669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instruqt

@hardcldr

@IANAboss

@OSIsupermodel

@cidrblock

Progress

8m

Knowledge check

In the previous challenge, you were tasked with finding the github handle of the author of the `fact_diff` module contained in the `ansible.utils` collection. What was that handle?

@hardcldr

@ianaboss

@osisupermodel

@cidrblock

Well done!

You've completed the last challenge.

Powered by  
instruqt

Full screen

Progress

Completed

Thank you!

Your feedback will be shared with the content creator and used to improve this track for others.

Add more feedback

La **firma de contenidos** es una nueva función centrada en la seguridad disponible en **Ansible Automation Platform 2.2** como una función de **vista previa tecnológica** compatible.

Establece un nuevo marco para una cadena de custodia de contenidos de automatización Ansible, con el objetivo de la firma y distribución de contenidos de extremo a extremo. Comenzar primero con colecciones de firma digital, y luego entornos de ejecución en el futuro, esta característica ayuda a asegurar que la automatización que se está ejecutando en su empresa esté certificada y compatible.

instruct

automatizaciónhub-terminal

automationhub-web

Progreso

pestaña terminal, encontrará algunos artefactos que se explican a continuación:

1. `ansible.cfg` - Este archivo contiene la configuración de la galaxia para interactuar con el centro de automatización privada instalado, lo que también implica que cualquier `ansible-galaxy` comando que va de la carpeta actual (`/home/rhel/`) interactuará con este laboratorio con este laboratorio.

2. `ansible-test_collection-1.0.0.tar.gz` - Una colección firmada que será empujada a la instancia de la automatización privada, el espacio de nombres `ansible` ya existe en el centro de automatización privada.

3. `community-lab_collection-1.0.0.tar.gz` - Una colección firmada que será empujada a la instancia de la automatización privada, el espacio de nombres `community` ya existe en el centro de automatización privada.

4. `galaxy_signing_service.asc` - Esta es la clave pública de la pieza clave `gpg` que se utiliza para configurar la firma en la instancia de centro de automatización privada, esta clave se utilizará para instalar y verificar colecciones de centro de automatización privada.

Las capacidades de verificación de la firma de contenidos sólo están disponibles en `ansible-core` versión-2.13, se puede comprobar la versión de `ansible` utilizando el siguiente comando

ansible --version

Por favor haga clic en el botón **Siguiente** para continuar aprendiendo.

Bien hecho.

Cargando tu próximo reto...

Last failed login: Tue Jun 7 14:43:19 UTC 2022 from 184.147.217.109 on ssh:notty

There was 1 failed login attempt since the last successful login.

[rhel@privatehub-01 ~]\$ ls

ansible.cfg

ansible-test\_collection-1.0.0.tar.gz

community-lab\_collection-1.0.0.tar.gz

galaxy\_signing\_service.asc

[rhel@privatehub-01 ~]\$ ansible --version

ansible [core 2.13.0]

config file = /home/rhel/ansible.cfg

configured module search path = ["/home/rhel/.ansible/plugins/modules", "/usr/share/ansible/plugins/modules"]

ansible python module location = /usr/lib/python3.9/site-packages/ansible

ansible collection location = /home/rhel/.ansible/collections:/usr/share/ansible/collections

executable location = /usr/bin/ansible

python version = 3.9.7 (default, Sep 13 2021, 08:18:39) [GCC 8.5.0 20210514 (Red Hat 8.5.0-3)]

linia version = 3.0.3

ll\_yaml = True

[rhel@privatehub-01 ~]\$

instrukt

>\_ automatizaciónhub-terminal

Last login: Sat Apr 27 22:41:06 UTC 2024 on pts/0  
[rhel@privatehub-01 ~]\$ ansible-galaxy collection publish ansible-test\_collection-1.0.0.tar.gz -c  
Publishing collection artifact '/home/rhel/ansible-test\_collection-1.0.0.tar.gz' to published\_repo https://privatehub-01/api/galaxy/content/published/  
Collection has been published to the Galaxy server published\_repo https://privatehub-01/api/galaxy/content/published/  
Waiting until galaxy import task https://privatehub-01/api/galaxy/content/published/v3/imports/collections/0d2b9f91-01fa-4049-9114-1568f25b342d/ has completed  
Collection has been successfully published and imported to the Galaxy server published\_repo https://privatehub-01/api/galaxy/content/published/  
[rhel@privatehub-01 ~]\$ ansible-galaxy collection publish community-lab\_collection-1.0.0.tar.gz -c  
Publishing collection artifact '/home/rhel/community-lab\_collection-1.0.0.tar.gz' to published\_repo https://privatehub-01/api/galaxy/content/published/  
Collection has been published to the Galaxy server published\_repo https://privatehub-01/api/galaxy/content/published/  
Waiting until galaxy import task https://privatehub-01/api/galaxy/content/published/v3/imports/collections/5af5d33c-9cab-478c-ba6e-acb12f91b51d/ has completed  
Collection has been successfully published and imported to the Galaxy server published\_repo https://privatehub-01/api/galaxy/content/published/  
[rhel@privatehub-01 ~]\$

Progreso

Publicación de Ansible Content Collections a instancia de la instancia de centro de automatización privada.

En este desafío, publicaremos las dos colecciones, `ansible-test_collection` y `community-lab_collection` a instancia de centro de automatización privada.

1. Publicar el `ansible-test_collection`. Ejecute el siguiente comando desde la ventana del terminal.

ansible-galaxy collection publish ansible-test\_collection-1.0.0.tar.gz

2. Publicar el `community-lab_collection` a instancia de centro de automatización privada. Ejecute el siguiente comando desde la ventana del terminal.

ansible-galaxy collection publish community-lab\_collection-1.0.0.tar.gz

Nota: `-c` opción se utiliza para ignorar errores de certificado SSL.

Haga clic en **Check** para el próximo reto

Bien hecho.  
Cargando tu próximo reto...

instrukt

automationhub-web

Red Hat

admin

Automation Hub

Colecciones

Palabras clave

Filtrar por palabras clave

1-2 de 2

test\_collection

Preparado por ansible

your collection description

0 0 0 0

Modules Roles Plugins Dependencies

lab\_collection

Preparado por community

your collection description

0 0 0 0

Modules Roles Plugins Dependencies

Status

Needs Review Sign and approve

Needs Review Sign and approve

4. Ahora ha firmado y publicado ambas colecciones, ahora se expondrán en la página Colecciones como están firmadas.

Colecciones

test\_collection

lab\_collection

your collection description

your collection description

0 0 0 0

Modules Roles Plugins Dependencies

5. Felicitades. Ahora ha firmado las colecciones en la instancia de centro de automatización privada, haga clic en **Check** para el próximo desafío.

Bien hecho.  
Cargando tu próximo reto...

instruqt

automatizacióhub-terminal

```
community.lab_collection:1.0.0 was installed successfully
[rhel@privatehub-01 ~]$ cat ~/.ansible/collections/ansible_collections/community.la
b_collection:1.0.0/info/GALAXY.yml
download_url: https://10.5.0.168/api/galaxy/v3/plugin/ansible/content/published/col
lections/artifacts/community-lab_collection-1.0.0.tar.gz
format_version: 1.0.0
name: lab_collection
namespace: community
server: https://privatehub-01/api/galaxy/content/published/
signatures:
- pubkey_fingerprint: 0E450BAA796C33F8A6FBA69BC97AC9643F917EBB
  pub_created: '2024-04-27T22:56:22.129629Z'
  signature: '-----BEGIN PGP SIGNATURE-----

iQIzBAABCAAdFiEEDkULqnIsM/iM+6abyXrJZD+RfrsFAMytqpyACqkQyXrJZD+R
frvz+BAAQ6wS8UptL5FI+nyJsEhW8DM22HFkkm+k1w250EKTm+Iw8A4N8JBrYOWc
H4CI8Rh9PEYRLn3TLvqXi90M81PBBhnt9qrEzwzEacp6YKCWnVCLnGV/4Dk0Zeeq
/B0wc4S1KSOQa6k3UK0DorJ0Si d2d18G0wo+sF9zvQ6A70cBcBV6Q43FXdyK2OIQ
TnNnbXNjOUoXoc7Kb2zcKdNttZUK7DxX1x1WALfCnOb6M7bt7cI4bz3RVdiXI2fD
00hMrSzWizcyu8XzJekAqcV0f2yHeKvQjEWmd2rvZp12pRslf8its84Z6yYbDx
lcbIEjwrxumbfXv7YZSRX5nF1bmChBeN3kZ6e8ZW2KXfqmLOtWhIf4MR/G1/aaHM
1K1P1BVi7wnBq2BZRiixyHnOzhusZazKu/jBhb9Xw1CcJz6w2qvZtcHyMQ+UBeqf
ZMRkurbbh4p0fINNzNSBZRD7UP/+uFyfMSDhIlpFbyYPW6sIwOZfSc/PWzM+AqAf2
euyVrOBj19G+VNI0quat2Sdo3GJt6W89wdfJsuDpml2vVvi+UyUK8ooZMeqipey8
oqtIzgaau3UVN9T5wmdtgnf47XkzxNlSf1/qhZE+qqyobR6pRIIOXBH8K0DbmuRZ
fVdw69j208f144ktxWdzh/5we/JI+FRYeEWOMDX47iC/N+prfBQ=

=OSiq
-----END PGP SIGNATURE-----

- signing_service: ansible-default
version: 1.0.0
version_url: /api/galaxy/content/published/v3/plugin/ansible/content/published/col
lections/index/community/lab_collection/versions/1.0.0/
[rhel@privatehub-01 ~]$
```

Progreso

ansible-galaxy collection install community.lab\_collection --keyring

Nota: Las últimas tres líneas de la salida de verbose le mostrarán que la verificación de la firma fue exitosa.

```
-
-
-
(exit code 0)
GnuPG signature verification succeeded for community.lab_collection
community.lab_collection:1.0.0 was installed successfully
```

4. Nuevos artefactos con instalación de colección.

Con la colección firmada, `ansible-galaxy CLI` también crea un nuevo directorio con un archivo llamado `GALAXY.yml` que contiene las firmas de recogida. Ejecute el siguiente comando en el `automationhub-terminal`

```
cat ~/.ansible/collections/ansible_collections/community.lab_collecti
```

Esto le dará el contenido del archivo que contiene la firma de recogida.

5. Felicidades. Ahora ha instalado las colecciones firmadas desde la instancia de centro de automatización privada, haga clic en **Check** para el siguiente ejercicio.

Bien hecho.

Cargando tu próximo reto...



instruqt

automatizaciónhub-terminal

Last login: Sat Apr 27 23:14:30 UTC 2024  
[rhel@privatehub-01 ~]\$ touch ~/.ansible/collections/ansible\_collections/community/lab\_collection/docs/README.md  
[rhel@privatehub-01 ~]\$ ansible-galaxy collection verify community.lab\_collection --keyring keyring.kbx -c  
Verifying 'community.lab\_collection:1.0.0'.  
Installed collection found at '/home/rhel/.ansible/collections/ansible\_collections/community/lab\_collection'  
MANIFEST.json hash: a77953a136fe7d70f0d792f698a05f91dab069c8cdad6da04459e0532c6c1ba9  
Collection community.lab\_collection contains modified content in the following files:  
docs/README.md  
[rhel@privatehub-01 ~]\$

Progreso

community.lab\_collection

Ejecute el siguiente comando:

touch ~/.ansible/collections/ansible\_collections/community/lab\_collec

2. Verificar la colección manipulada

Ejecute el siguiente comando:

y collection verify community.lab\_collection --keyring keyring.kbx -c

El comando hará una comparación entre la versión local de la colección y la versión remota en la instancia de centro de automatización privada, la salida mostrará qué archivos han sido cambiados/añadidos/borrados. Salida con verbosidad `--vvvv` ofrecerá más detalles

(exit code 0)  
GnuPG signature verification succeeded, verifying contents of communi  
MANIFEST.json hash: f285e70041487374977af4d4dc7b917a6b15b52b340d66f51  
Collection community.lab\_collection contains modified content in the  
docs/README.md  
Expected: the file does not exist  
Found: the file exists

Esto marca la finalización del ejercicio de firma de contenidos. Haz **Next** clic en Juntos para completar este ejercicio.

**Bien hecho.**  
Has completado el último reto

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instruqt

Pantalla completa

Progreso

Completado

- Gracias.

Sus comentarios serán compartidos con el creador de contenido y se utilizarán para mejorar esta pista para otros.

Añadir más comentarios



En este laboratorio, demostraremos lo fácil que es utilizar el controlador de automatización (anex Ansible Tower) ejecutando algunos de los libros de jugadas del laboratorio " *Escribir su primer libro de jugadas* ". No se requiere experiencia de desarrollo de libros de jugadas, aunque ayudará si conoces lo básico.

Exploraremos la interfaz web-UI, crearemos un **Inventario** para administrar nuestros servidores, importar nuestros libros de jugadas a través de **los Proyectos**, añadiremos **plantillas de trabajo** para ejecutar los libros de jugadas y, por último,

[illegible]

**Servidores**

◀ Volver a Grupos   Detalles   Grupos relacionados   **Servidores**

Nombre	Descripción	Actividad	Acciones
<input type="checkbox"/> node1		On	[Edit]
<input type="checkbox"/> node2		On	[Edit]

1 - 2 de 2 elementos   <<   1   de 1 página   >>

**Task 3 - Create the [web] group in Lab-Inventory**

- Once you've added `node1` and `node2` to the `Lab-Inventory`
- On the tab bar of `Lab-Inventory`, click on `Groups`
- Click on the `Add` button to create a new group.
- Create a new group named `web` (notice you don't need to input as `[web]` as in an inventory file).
- Click `Save` when you are finished.

**Task 4 - Add node1 and node2 to the [web] group in Lab-Inventory**

- Click on the newly created `web` group and click on the `Hosts` tab on the top menu.
- Click `Add existing host`. A pop up will appear.
- Select both `node1` and `node2`, then click `Save`.
- Verify `node1` and `node2` are now added to the `web` group.

Next Challenge  
Well done!  
Loading your next challenge...

Automation Platform

Vistas

- Panel de control
- Trabajos
- Programaciones
- Flujo de actividad
- Aprobaciones del flujo de trabajo

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- Credenciales
- Proyectos
- Inventarios
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- Organizaciones
- Usuarios
- Equipos

Administración

- Tipos de credencial

Progress49m

repository with a few Apache playbooks developed in the "Writing your first playbook" laboratory. This playbook installs apache, starts the service and copies an index.html file.

Task 1 - Creation of the Project

- Click the **Projects** link in the **Resources** section of the sidebar
- Click the **Add** button
- Name the Project as **Apache\_playbook**
- For the **Source Control Type** dropdown, select **Git**, this will enable new fields below.
- For the **Source Control URL** field copy & paste the following URL  
`https://github.com/isogallego/instrugt-wyfp.git`
- Leave all the other fields the same and click **Save**

Task 2 - Verify the new Projects synced successfully

- Click the **Projects** link in the **Resources** section of the sidebar
- Verify that the **Status** for our **Apache\_playbook** project is green and reads **Successful**
- Click the **Successful** and review the output of the sync.

Well done!

Loading your next challenge...

instruqt

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Tipos de credencial

Clave privada SSH

Arrastre un archivo aquí o navegue para cargarlo

Navegar

Borrar

Certificado SSH firmado

Arrastre un archivo aquí o navegue para cargarlo

Navegar

Borrar

Frase de contraseña para la clave privada

Preguntar al ejecutar

Método de escalación de privilegios

Usuario para la elevación de privilegios

Contraseña para la elevación de privilegios

Preguntar al ejecutar

Guardar

Cancelar

Progress

45m

2. This will display a searchable list of pre-loaded credentials, classified by name and type.

3. Look for the `lab-credentials`, notice it says "Machine" type. Click on it.

4. Here you can see the details of the credential. Notice the **SSH Private Key** field.

5. Click the **Access** tab to see who has access to use this credential. These are the automation controller users.

6. Click the **Job Templates** tab to see what jobs are currently using this credential. It should be empty right now.

Task 2 - Exploring the Machine Type credential

1. Go back to the **Details** tab of the `lab-credentials`

2. Click the **Edit** button

3. Look at the different fields available.

4. Notice how the **SSH Private Key** field only allows us to **Reset**. As we mentioned before, the key is encrypted and not retrievable.

5. To exit, click the **Cancel** button to avoid accidental modifications.

Next Challenge

Press the **Check** button below to go to the next challenge once you've completed the task.

Encountered an issue?

Well done!

Loading your next challenge...

instruqt

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Node2 Web

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Install Apache

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Volver a Plantillas

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Encuesta

Nombre	Install Apache	Tipo de trabajo	run	Organización	Default
Inventario	Lab-Inventory	Proyecto	Apache playbooks	Entorno de ejecución	Default execution environment
Playbook	apache.yml	Forks	0	Nivel de detalle	0 (Normal)
Tiempo de espera	0	Mostrar cambios	Off	Fraccionamiento de trabajos	1
Creado	27/4/2024, 18:03:54 por admin	Último modificado	27/4/2024, 18:03:54 por admin		
Credenciales	SSH lab-credentials				
Variables	YAML	JSON			

Progress

43m

4. For the **Job Type** field, leave the default: **Run**

5. For the **Inventory** field, touch the magnifying glass and select `lab-Inventory`

6. For the **Project** field, touch the magnifying glass and select `Apache playbooks`

7. For the **Playbook** dropdown field, you will notice that it's auto populated with all the playbooks available in the **Project** repository we selected. Choose the `apache.yml`.

8. For the **Credentials** field, touch the magnifying glass and select `lab-credentials`

9. Leave all the other fields the same and click **Save**

Task 2 - Launch the new Template

1. Click the **Templates** link in the **Resources** section of the sidebar

2. You can launch it from this list, by clicking the **Rocket** icon, or

3. You can click on the `Install Apache` template and then click the **Launch** button at the bottom.

4. Verify the execution was successful

Task 3 - Verify Apache is working in node1 and node2

Next Challenge

Encountered an issue?

Well done!

Loading your next challenge...

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Proyectos > Additional playbooks

Detalles

Volver a Proyectos

Detalles

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Último estado de la tarea

Correctamente

Nombre

Additional playbooks

Organización

Default

Tipo de fuente de control

Git

Revisión del control de fuentes

896964b

URL de fuente de control

https://github.com/leogallego/instruqt-wyfp-additional.git

Tiempo de espera de la caché

0 Segundos

Ruta base del proyecto

/var/lib/awx/projects

Directorio de playbook

\_JO\_additional\_playbooks

Creado

27/4/2024, 18:06:03 por admin

Último modificado

27/4/2024, 18:06:03 por admin

Editar

Sincronizar

ELIMINAR

Progress

42m

1. Click the Projects link in the resources section of the sidebar

2. Click the Add button

3. Name the Project as Additional playbooks

4. For the Source Control Type dropdown, select Git, this will enable new fields below.

5. For the Source Control URL field, copy & paste the following URL <https://github.com/leogallego/instruqt-wyfp-additional.git>

6. Leave all the other fields the same and click Save

Task 2 - Verify the new Project synced successfully

1. After saving, you should be taken to the Details of the project we just created

2. The Last Job Status should display Running in blue, give it a few seconds

3. If it changed to Successful and is showing in green, the project synced correctly

As an alternative, to see the status of multiple projects, you can:

1. Click the Projects link in the Resources section of the sidebar

2. Check the Status column for the project is green and reads Successful

3. Click the Successful and review the output of the sync

Next Challenge

Encountered an issue?

Well done!

Loading your next challenge...

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Trabajos > I2 - your first workflow

Salida

Volver a Tareas

Detalles

Salida

your first workflow

Ejecutándose

Nodos totales

3

INICIAR

Install Apache

Extended services

Extended services

Progress

29m

1. Click the Templates link in the Resources section of the sidebar

2. You can launch the Workflow from this list by clicking the Rocket icon, or

3. You can click on the Your first workflow name and click the Launch button.

4. You will be presented with a smaller Workflow Visualizer that shows the progress of the execution as Running

5. Verify the execution was successful by checking all the Job Templates have a green border and a green tick.

Task 3 - Success or failure? Challenge time!

1. If it failed, why did it fail? Click the red Failed and read the output message.

2. It reports the playbook couldn't find the destination hosts or group in the inventory

3. Try to fix it. You need a database group in the inventory and to add a nodes to it.

4. Rerun the Workflow.

5. If you are having trouble solving it, you can Skip and it will be solved for you.

Next Challenge

Encountered an issue?

Well done!

Loading your next challenge...

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## Salida

Trabajos > 16 - Install Apache with Survey

Salida

◀ Volver a Tareas Detalles Salida

Install Apache with Survey Correctamente Jugadas 1 Tareas 4 Servidores 2 Tiempo transcurrido 00:00:13

Stdout

```

Procesamiento de eventos completo. Descargar salida

9  INFO [Launch Apache version survey]
10 ok [node1]
11
12 TASK [Apache enabled and running] ***** 18:21:16
13 ok [node2]
14 ok [node1]
15
16 TASK [Copy web.html] ***** 18:21:17
17 changed: [node2]
18 changed: [node1]
19
20 PLAY RECAP ***** 18:21:19
21 node1 : ok=4 changed=1 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0
22 node2 : ok=4 changed=1 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0

```

Progress

28m

- Once the Job Template is saved, you should be taken to the **Details**
- Look for the **Survey** tab and click on it:
- Click the **Add** button
- In the **Question** field, enter `What's your name?`
- In the **Answer variable name**, enter `student_name`
- In the **Default answer** type `skippy`
- Press the **Save** button
- Touch the toggle to **Enable** the survey

Task 3 - Launch the new Template

- Click the **Templates** link in the **Resources** section of the sidebar
- You can launch it from this list, by clicking the **Rocket** icon, or
- You can click on the **Install1 Apache with Survey** template and then click the **Launch** button at the bottom.
- Enter your name at the pop-up.
- Verify the execution was successful by visiting the **Node1 Web** tab in the top left of the screen, you should see the Apache message with your name.

Next Challenge

Encountered an issue?

**Well done!**  
Loading your next challenge...

instruqt

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3

Servidores

0

Hosts fallidos

2

Inventarios

0

Errores de sincronización de inventario

3

Proyectos

0

Errores de sincronización del proyecto

Estado de la tarea

Tareas recientes

Plantillas recientes

Mes pasado

Todos los tipos de tarea

Todas las tareas

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Workflow

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Users

Administered Tasks

Workflow

Success!

Congratulations on finishing the Introduction to automation controller laboratory.

You are welcome to stay and play around. Try other combinations for the Workflow, or explore the rest of the sections to get to know automation controller a bit more for example!

When you are done, we invite you to find more information about Ansible at [Ansible.com](#)

Did you like Ansible automation controller? Try the full Ansible Automation Platform today!

Encountered an issue?

Well done!  
You've completed the last challenge.

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instruqt

Full screen

Progress

Completed

Thank you!

Your feedback will be shared with the content creator and used to improve this track for others.

Add more feedback