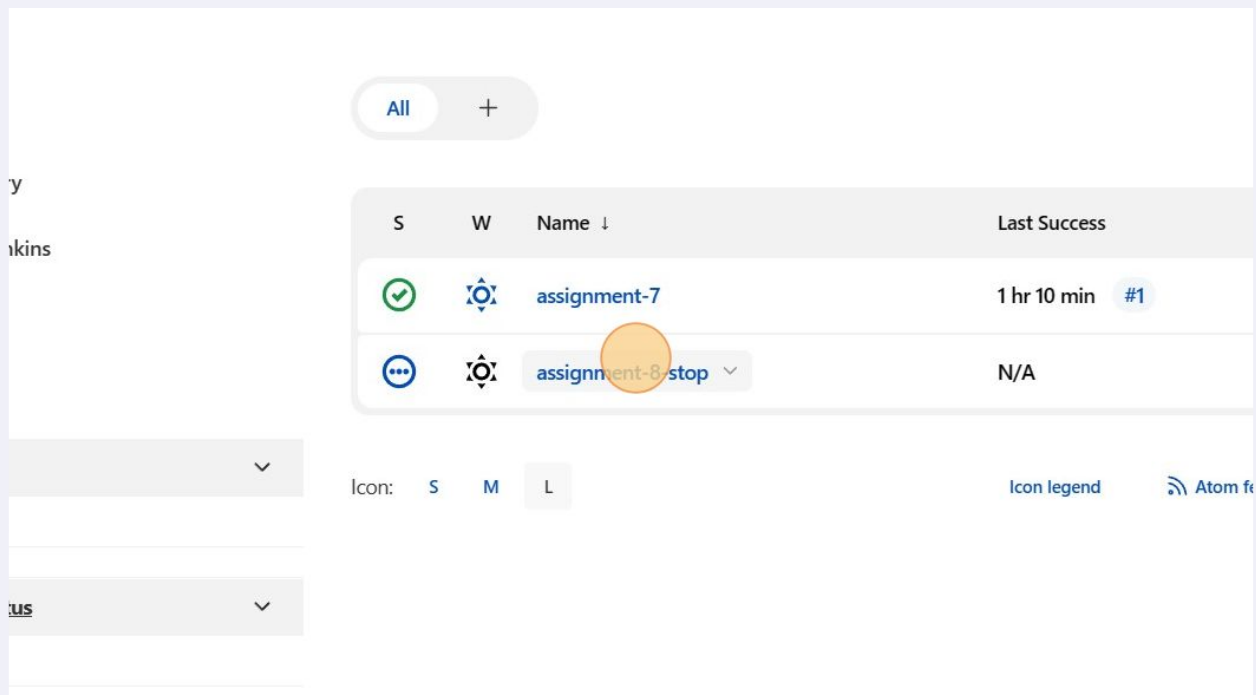


Workflow

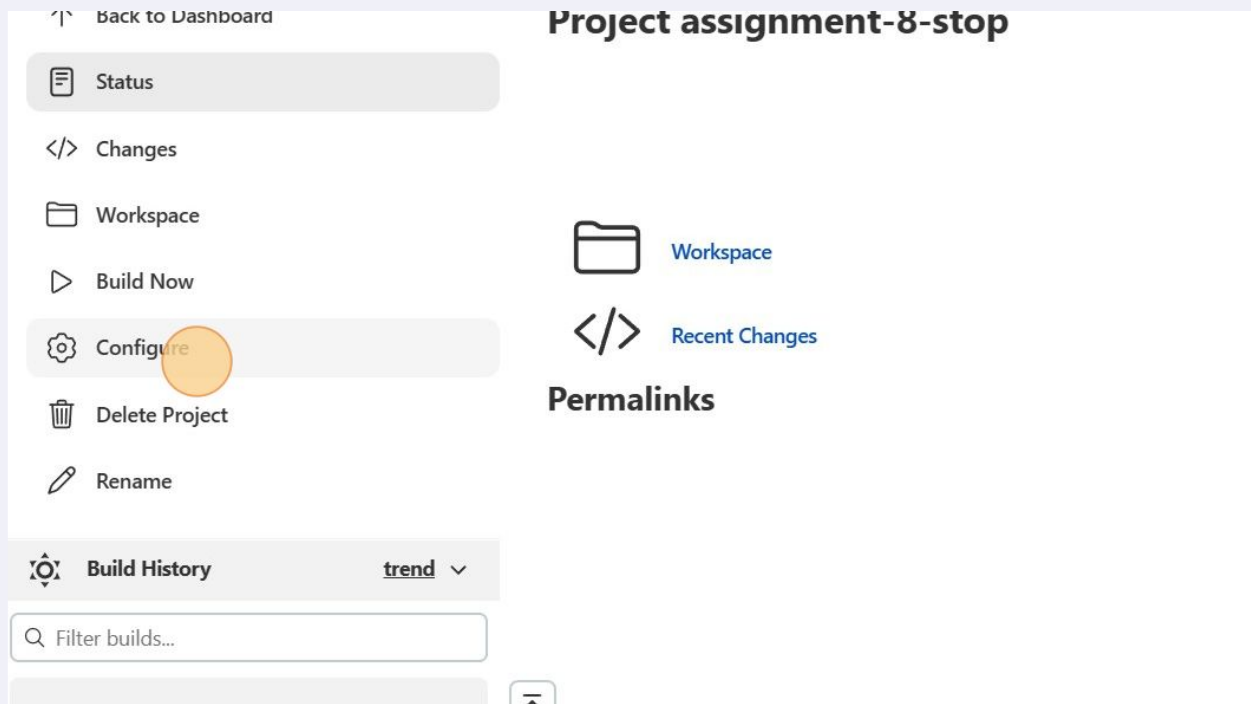
stop and start 2 ec2 instances in different region at a given time. created two jobs one for stop and one for start and scheduled it. stop scheduled on 11:39 and start on 11:41

1 Navigate to 52.66.124.165:8080/jenkins

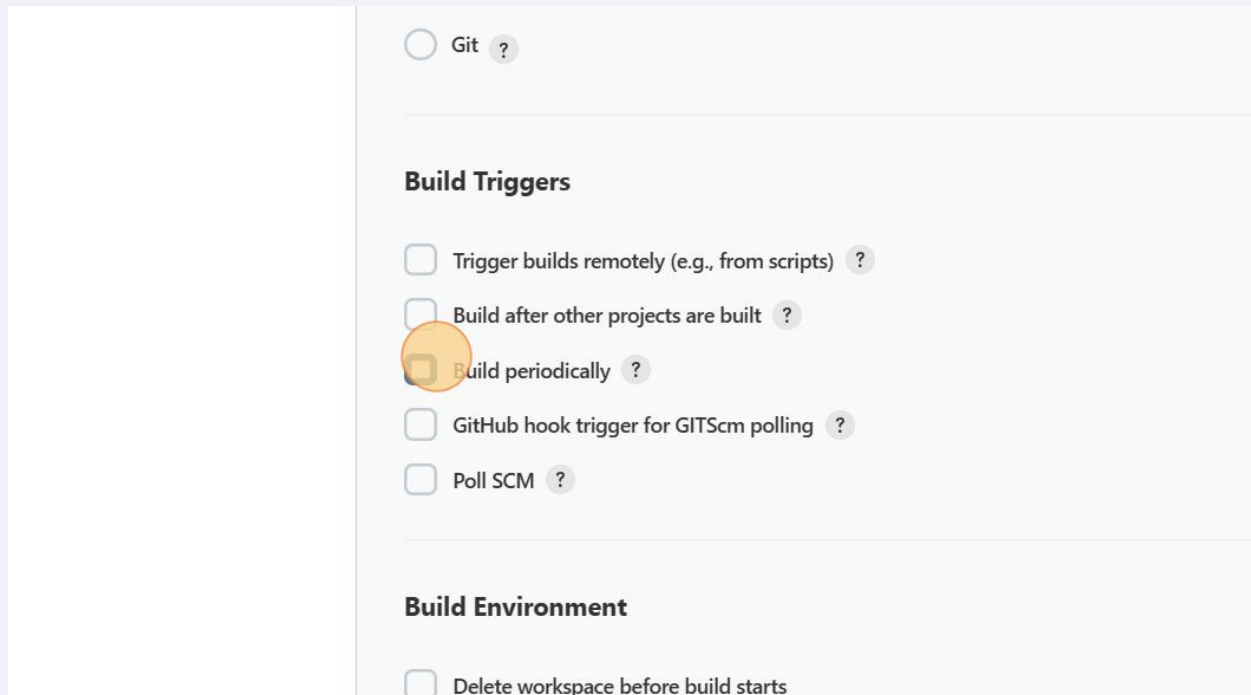
2 Click "assignment-8-stop"



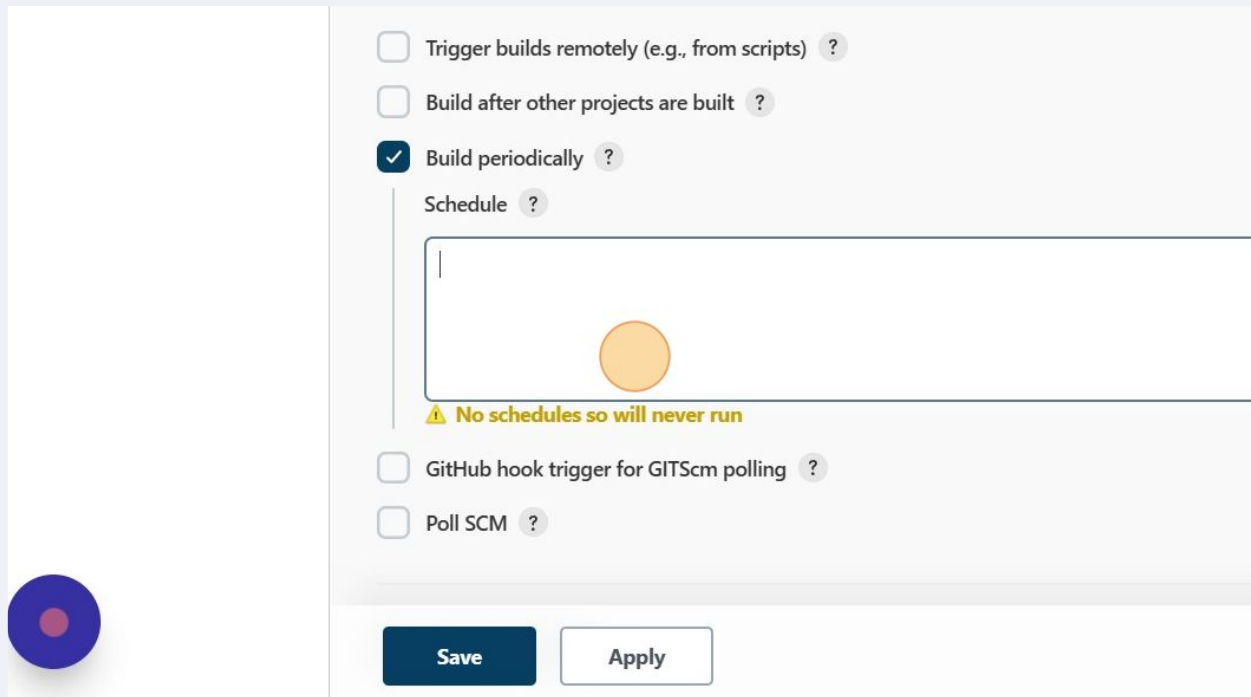
3 Click "Configure"



4 Click "Build periodically"



5 Click this field.



The screenshot shows a configuration panel for a build system. On the left is a large empty white area with a red circle in the bottom-left corner. The right panel has a light gray background and contains the following elements:

- ☐ Trigger builds remotely (e.g., from scripts) ?
- ☐ Build after other projects are built ?
- ☒ Build periodically ?
- Schedule ?
- A text input field containing a single vertical line character (|).
- A yellow warning icon and text: **No schedules so will never run**
- ☐ GitHub hook trigger for GITScm polling ?
- ☐ Poll SCM ?
- At the bottom are two buttons: **Save** (dark blue) and **Apply** (light gray).

6 Type "32 11 * * *"

7 Click "Add build step"

☐ Inspect build log for published build scans

☐ Terminate a build if it's stuck

☐ With Ant ?

Build

Add build step ▼

Post-build Actions

Add post-build action ▼

Save **Apply**

8 Click "Execute shell"

☐ With Ant ?

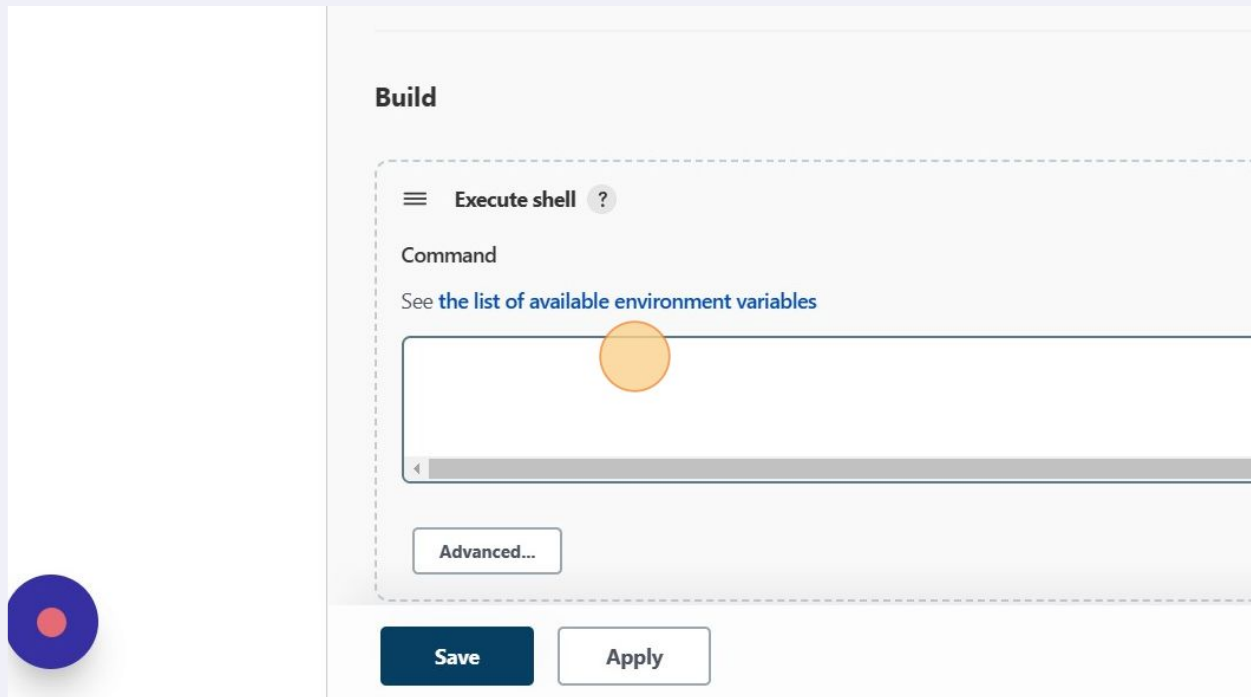
Build

Filter

- Execute Windows batch command
- Execute shell**
- Invoke Ant
- Invoke Gradle script
- Invoke top-level Maven targets
- Run with timeout
- Set build status to "pending" on GitHub commit

Save **Apply**

9 Click here.



Build

≡ **Execute shell** ?

Command

See [the list of available environment variables](#)

Advanced...

Save Apply

10 Type "aws ec2 stop-instances --instance-ids"

11 Switch to tab "Instances | EC2 Management Console"

12 Click "i-040701e2dd72466a8"

Search [Alt+S]

S3 IAM CloudWatch Simple Notification Service

Successfully started i-040701e2dd72466a8,i-0a3a49993531f4445

Instances (2) Info

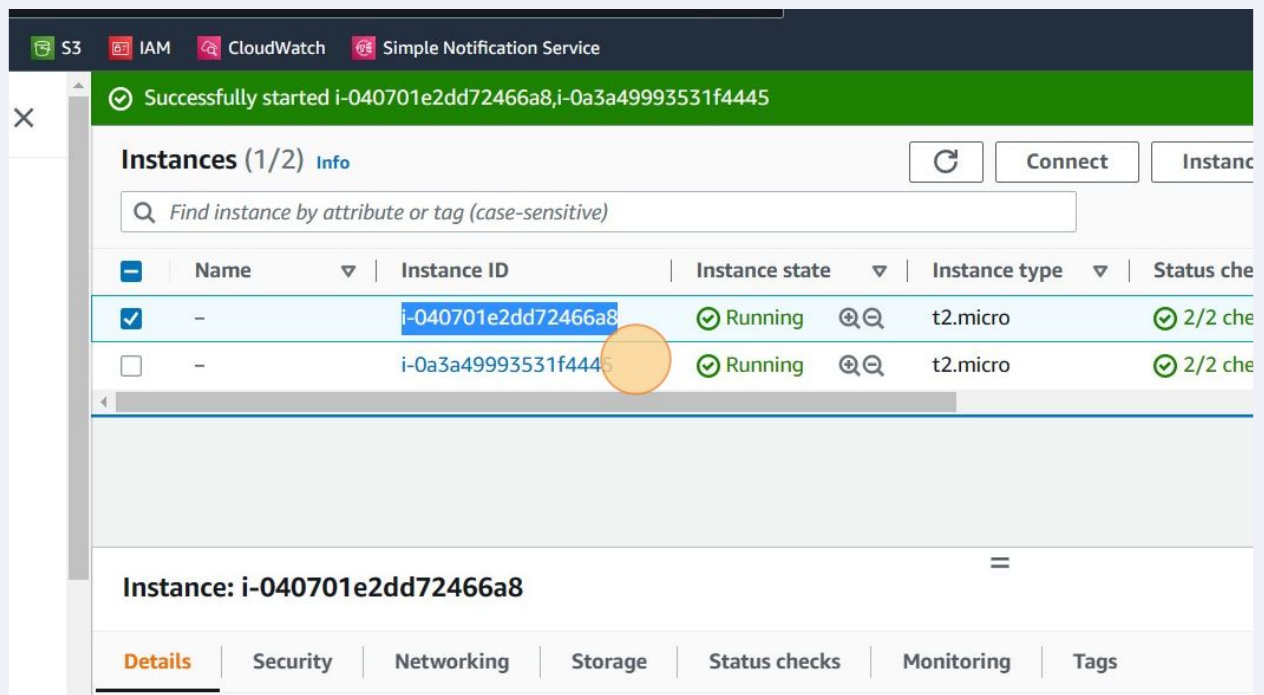
Find instance by attribute or tag (case-sensitive)

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status checks
<input type="checkbox"/>	-	i-040701e2dd72466a8	Running	t2.micro	2/2 checks successful
<input type="checkbox"/>	-	i-0a3a49993531f4445	Running	t2.micro	2/2 checks successful

Select an instance

13 Type ""

14 Click "i-0a3a49993531f4445"

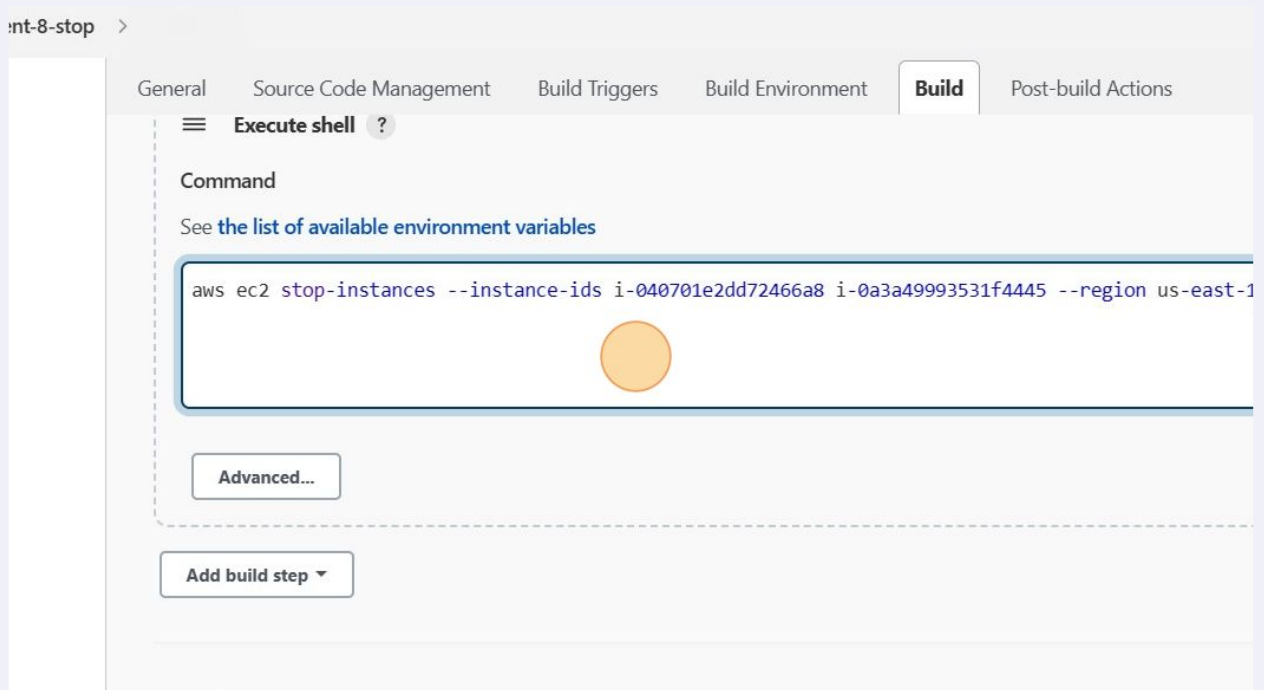


The screenshot shows the AWS Management Console with a green notification bar at the top stating "Successfully started i-040701e2dd72466a8,i-0a3a49993531f4445". Below this, the "Instances (1/2) Info" page is displayed. A search bar is present with the placeholder text "Find instance by attribute or tag (case-sensitive)". A table lists two instances:

	Name	Instance ID	Instance state	Instance type	Status checks
<input checked="" type="checkbox"/>	-	i-040701e2dd72466a8	Running	t2.micro	2/2 checks successful
<input type="checkbox"/>	-	i-0a3a49993531f4445	Running	t2.micro	2/2 checks successful

An orange circle highlights the instance ID "i-0a3a49993531f4445" in the table. Below the table, the "Instance: i-040701e2dd72466a8" details are shown, with tabs for Details, Security, Networking, Storage, Status checks, Monitoring, and Tags. The "Details" tab is currently selected.

15 Click here.



The screenshot shows the AWS CodeBuild console for a build project named "int-8-stop". The "Build" tab is selected, and the "Execute shell" step is configured. The command field contains the following text:

```
aws ec2 stop-instances --instance-ids i-040701e2dd72466a8 i-0a3a49993531f4445 --region us-east-1
```

An orange circle highlights the command field. Below the command field, there is an "Advanced..." button and an "Add build step" button.

16 Click here.

ent-8-stop >

General Source Code Management Build Triggers Build Environment **Build** Post-build Actions

≡ **Execute shell** ?

Command

See [the list of available environment variables](#)

```
aws ec2 stop-instances --instance-ids i-040701e2dd72466a8 i-0a3a49993531f4445 --region us-east-1
```

Advanced...

Add build step ▾

17 Click "Apply"

Advanced...

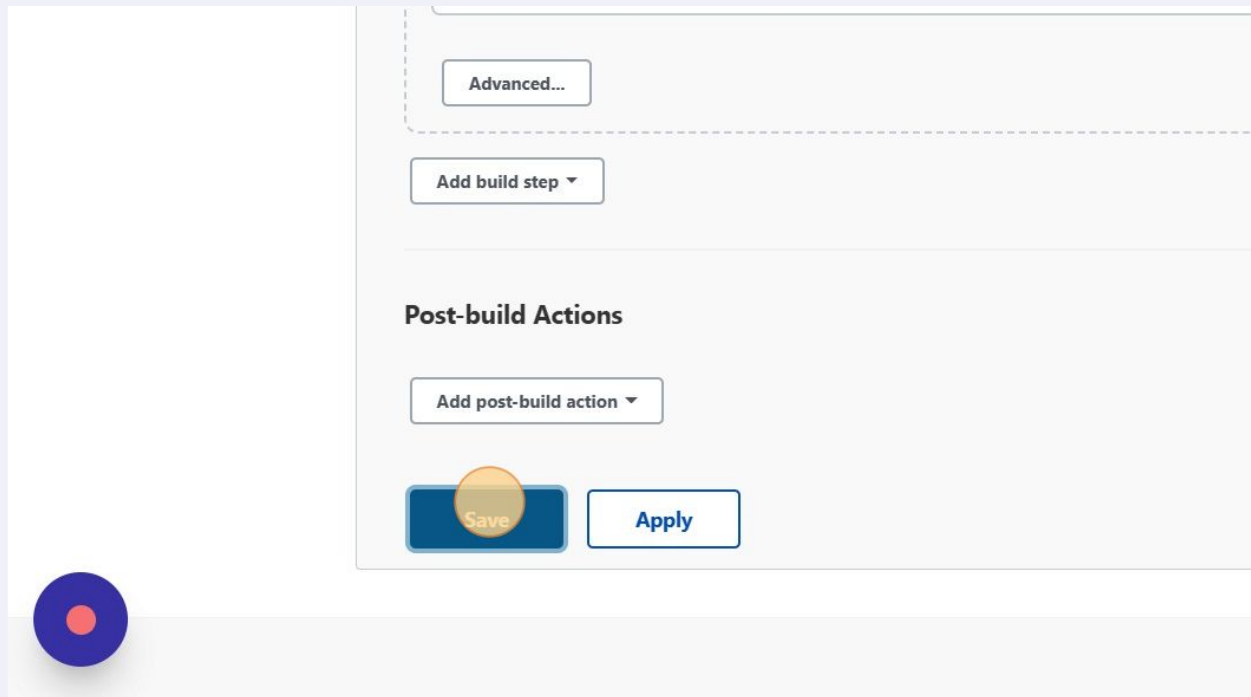
Add build step ▾

Post-build Actions

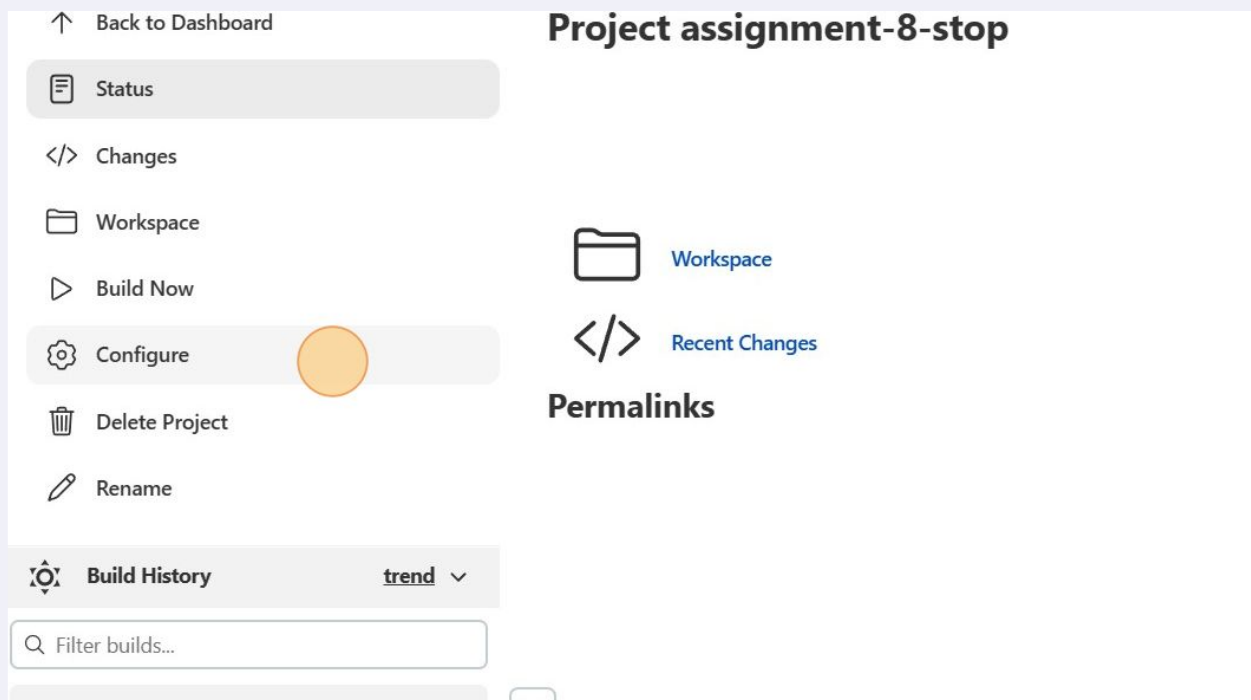
Add post-build action ▾

Save Apply

18 Click "Save"



19 Click "Configure"



20 Click this field.

Build Triggers

☐ Trigger builds remotely (e.g., from scripts) ?

☐ Build after other projects are built ?

☒ Build periodically ?

Schedule ?

32 11 * * *

⚠ Spread load evenly by using 'H 11 * * *' rather than '32 11 * * *'

Would last have run at Wednesday, December 21, 2022 11:32:48 AM UTC; would next run at

☐ GitHub hook trigger for GITScm polling ?

☐ Poll SCM ?

21 Click "Apply"

Build Triggers

☐ Trigger builds remotely (e.g., from scripts) ?

☐ Build after other projects are built ?

☒ Build periodically ?

Schedule ?

40 11 * * *

⚠ Spread load evenly by using 'H 11 * * *' rather than '32 11 * * *'

Would last have run at Wednesday, December 21, 2022 11:32:48 AM UTC; would next run at Th

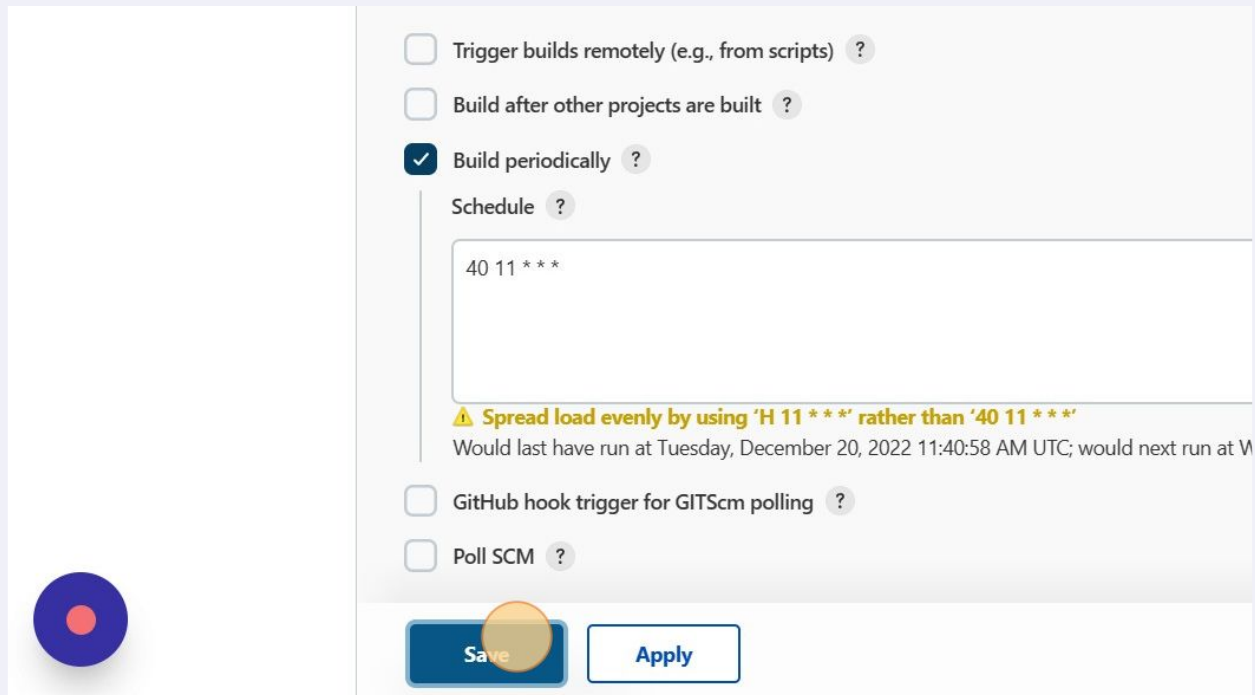
☐ GitHub hook trigger for GITScm polling ?

☐ Poll SCM ?

Save

Apply

22 Click "Save"



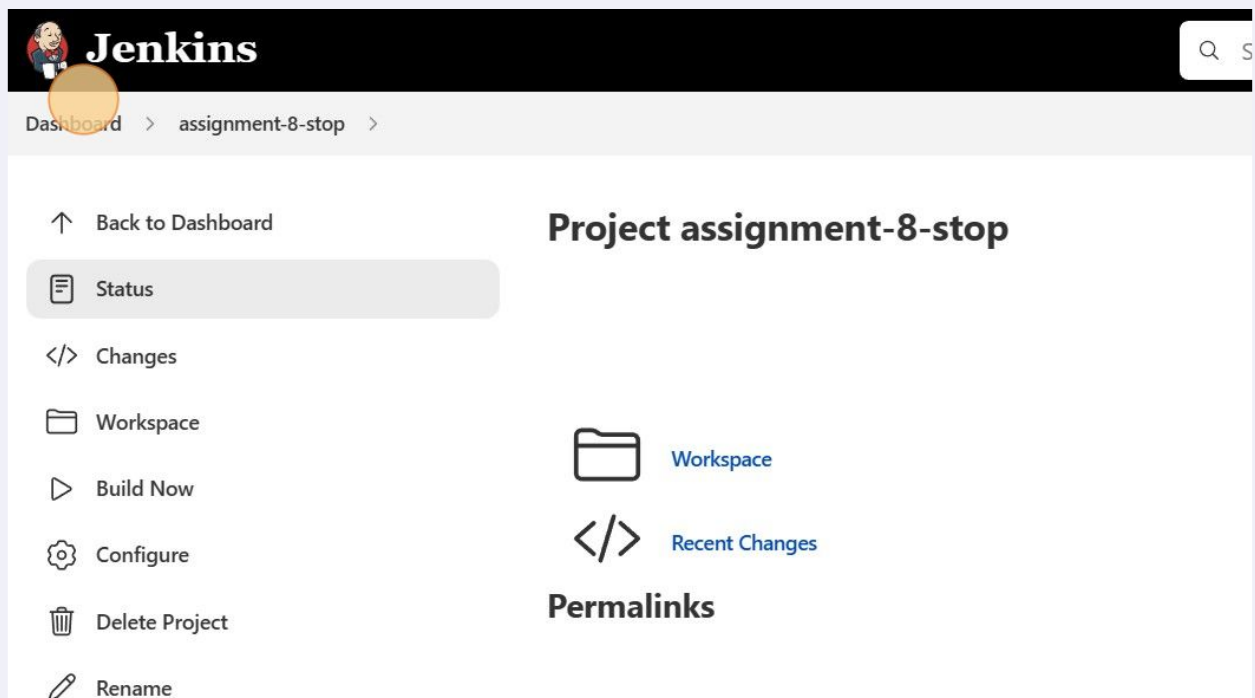
Configuration page for a Jenkins project. The left sidebar contains a blue circular icon with a red dot. The main content area has the following options:

- ☐ Trigger builds remotely (e.g., from scripts) ?
- ☐ Build after other projects are built ?
- ☒ Build periodically ?
 - Schedule ?

⚠ Spread load evenly by using 'H 11 * * *' rather than '40 11 * * *'
Would last have run at Tuesday, December 20, 2022 11:40:58 AM UTC; would next run at W
- ☐ GitHub hook trigger for GITScm polling ?
- ☐ Poll SCM ?

At the bottom are two buttons: **Save** (highlighted with an orange circle) and **Apply**.

23 Click here.



Jenkins dashboard for the project "Project assignment-8-stop". The top header shows the Jenkins logo and a search bar. The breadcrumb trail is "Dashboard > assignment-8-stop >".

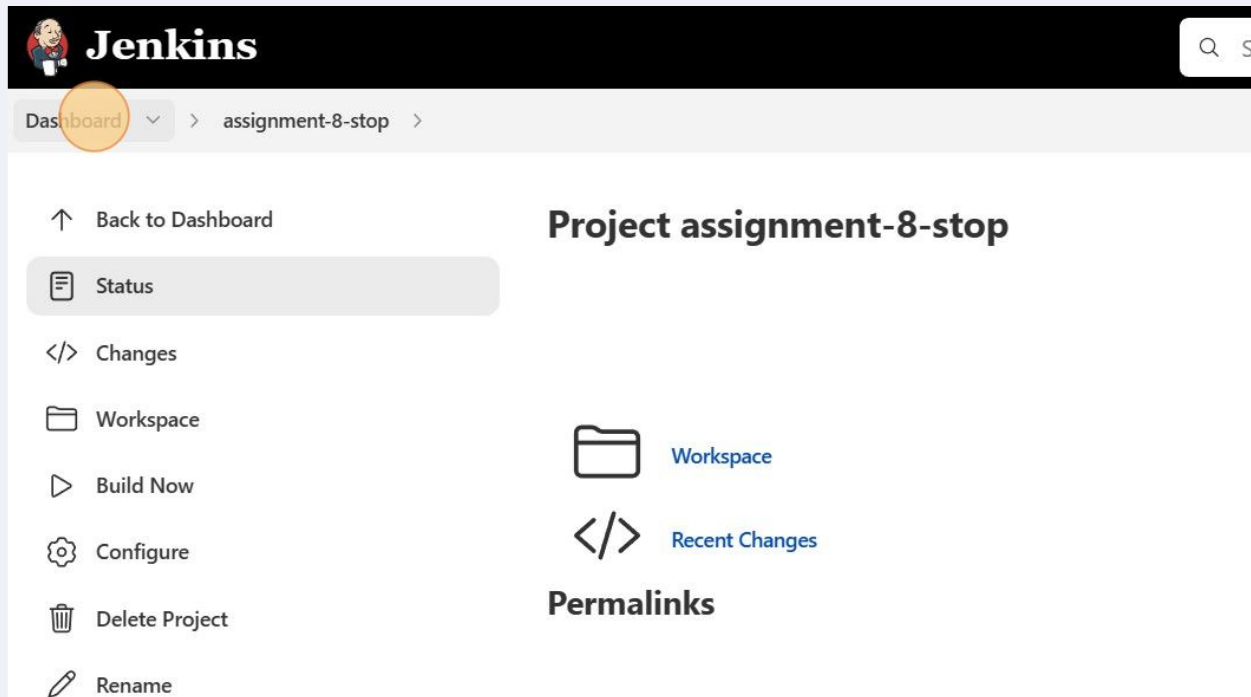
Left sidebar navigation:

- ↑ Back to Dashboard
- Status** (selected)
- </> Changes
- Workspace
- ▶ Build Now
- ⚙ Configure
- 🗑 Delete Project
- ✎ Rename

Main content area:

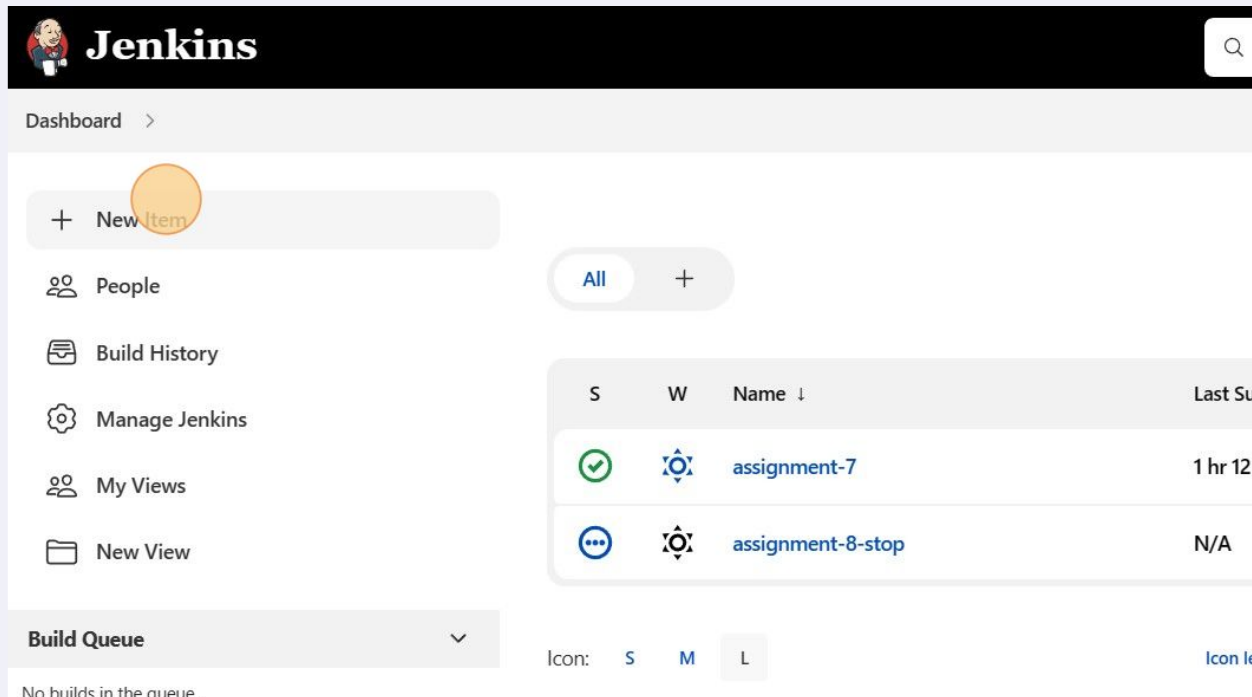
- Project assignment-8-stop**
- Workspace (with folder icon)
- Recent Changes (with </> icon)
- Permalinks**

24 Click "Dashboard"



The screenshot shows the Jenkins interface for a project named "assignment-8-stop". The top navigation bar includes the Jenkins logo and a search bar. Below the navigation bar, the breadcrumb "Dashboard > assignment-8-stop" is visible. The main content area is titled "Project assignment-8-stop". On the left, there is a sidebar with a list of actions: "Back to Dashboard", "Status", "Changes", "Workspace", "Build Now", "Configure", "Delete Project", and "Rename". The "Status" item is highlighted. In the center, there are two icons: a folder icon labeled "Workspace" and a code icon labeled "Recent Changes". Below these, there is a section titled "Permalinks".

25 Click "New Item"



The screenshot shows the Jenkins Dashboard. The top navigation bar includes the Jenkins logo and a search bar. Below the navigation bar, the breadcrumb "Dashboard >" is visible. The main content area is titled "Dashboard". On the left, there is a sidebar with a list of actions: "+ New Item", "People", "Build History", "Manage Jenkins", "My Views", and "New View". The "+ New Item" button is highlighted with an orange circle. In the center, there is a table with columns "S", "W", "Name", and "Last Su". The table contains two rows: "assignment-7" and "assignment-8-stop". Below the table, there is a section titled "Build Queue" with a dropdown arrow. The text "No builds in the queue." is displayed. At the bottom, there is a section titled "Icon:" with buttons "S", "M", and "L".

S	W	Name ↓	Last Su
✓	⚙️	assignment-7	1 hr 12
⋮	⚙️	assignment-8-stop	N/A


26 Type "ass"

27 Click "This is the central feature of Jenkins. Jenkins will build your project, combining any SCM with any build system, and this can be even used for ..."


Enter an item name

assignment-8-start


» Required field

**Freestyle project**

This is the central feature of Jenkins. Jenkins will build your project, combining any SCM with any build system, and this can be even used for ...

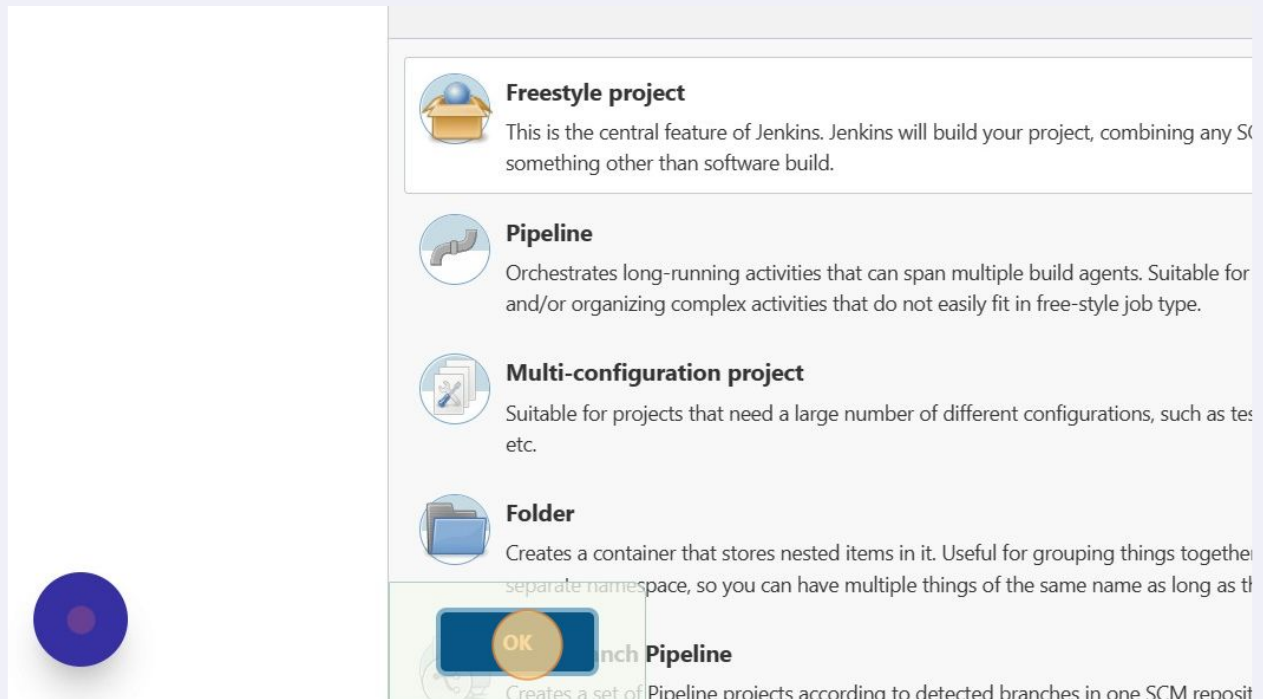
**Pipeline**

Orchestrates long-running activities that can span multiple build agents. Suitable for and/or organizing complex activities that do not easily fit in free-style job type.

**Multi-configuration project**

Suitable for projects that need a large number of different configurations, such as test environments etc.

28 Click "OK"



Freestyle project
This is the central feature of Jenkins. Jenkins will build your project, combining any SCM and something other than software build.

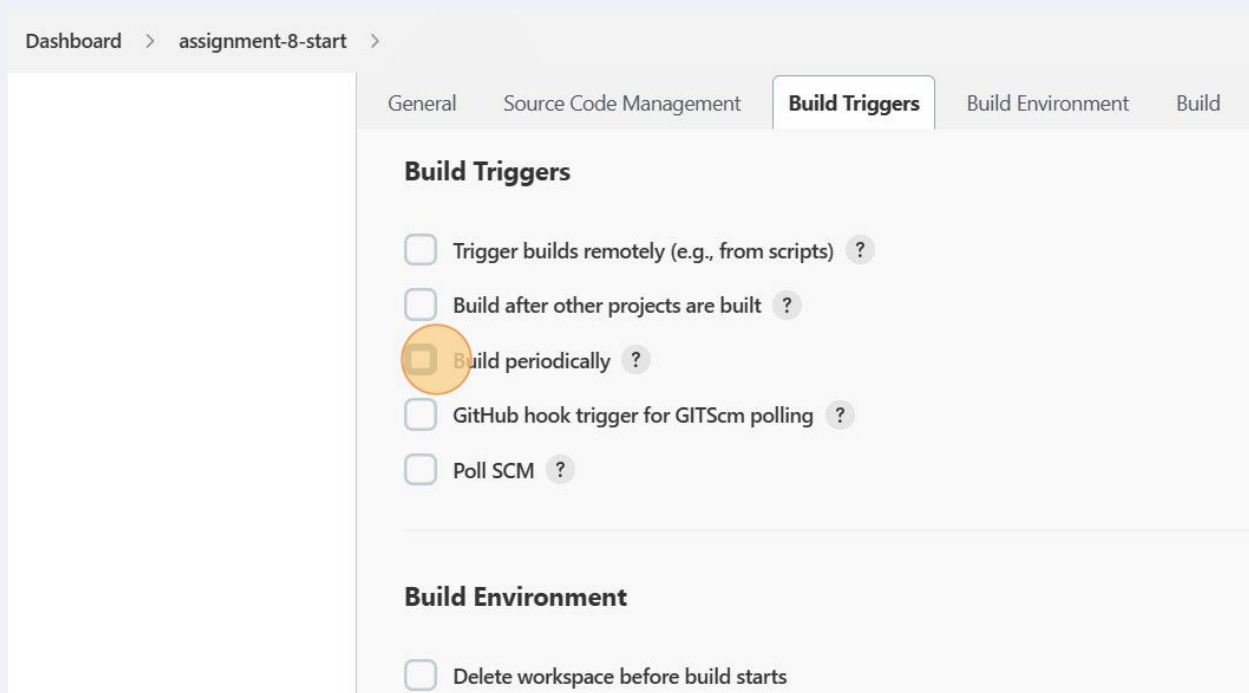
Pipeline
Orchestrates long-running activities that can span multiple build agents. Suitable for orchestrating and/or organizing complex activities that do not easily fit in free-style job type.

Multi-configuration project
Suitable for projects that need a large number of different configurations, such as test configurations, etc.

Folder
Creates a container that stores nested items in it. Useful for grouping things together in a separate namespace, so you can have multiple things of the same name as long as they are in different folders.

Branch Pipeline
Creates a set of Pipeline projects according to detected branches in one SCM repository.

29 Click "Build periodically"



Dashboard > assignment-8-start >

General Source Code Management **Build Triggers** Build Environment Build

Build Triggers

- ☐ Trigger builds remotely (e.g., from scripts) ?
- ☐ Build after other projects are built ?
- ☒ Build periodically ?
- ☐ GitHub hook trigger for GITScm polling ?
- ☐ Poll SCM ?

Build Environment

- ☐ Delete workspace before build starts

30 Click this field.


Build Triggers

☐ Trigger builds remotely (e.g., from scripts) ?

☐ Build after other projects are built ?

☒ Build periodically ?

Schedule ?



⚠ No schedules so will never run

☐ GitHub hook trigger for GITScm polling ?

☐ Poll SCM ?

Build Environment

31 Type "45 11 * * *"

32 Click "Add build step"

☐ Inspect build log for published build scans

☐ Terminate a build if it's stuck

☐ With Ant ?

Build

Add build step

Post-build Actions

Add post-build action

33 Click "Execute shell"

☐ With Ant ?

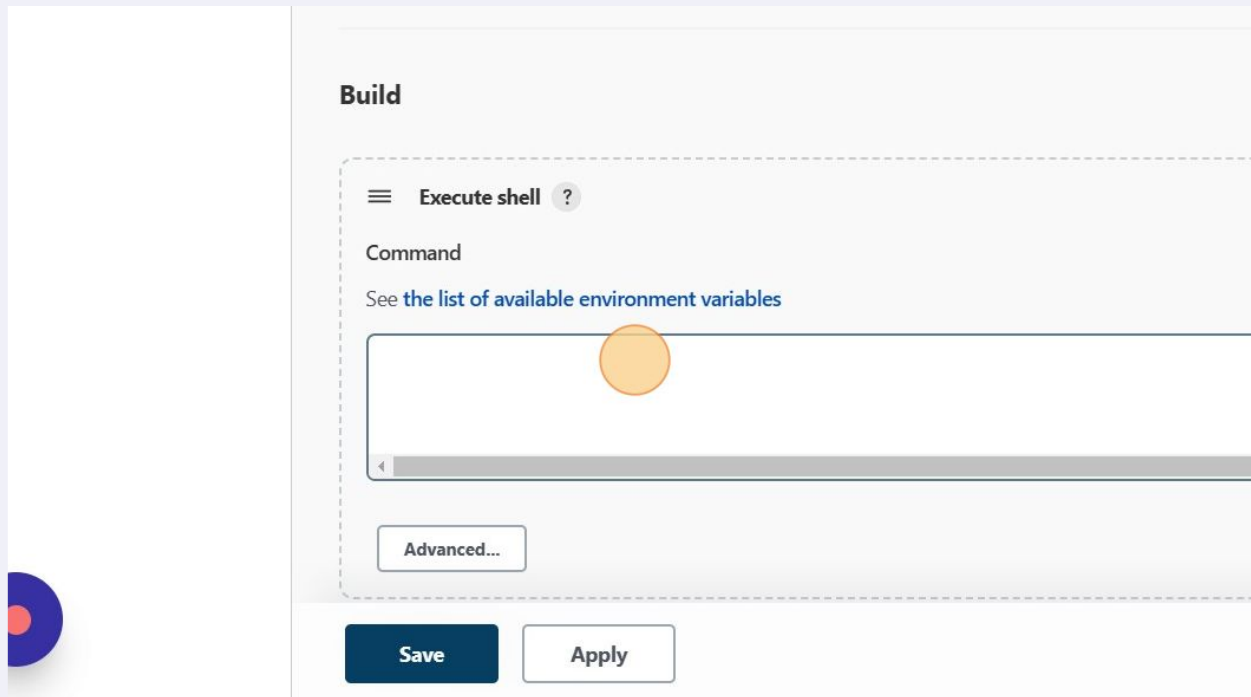
Build

Filter

- Execute Windows batch command
- Execute shell**
- Invoke Ant
- Invoke Gradle script
- Invoke top-level Maven targets
- Run with timeout
- Set build status to "pending" on GitHub commit

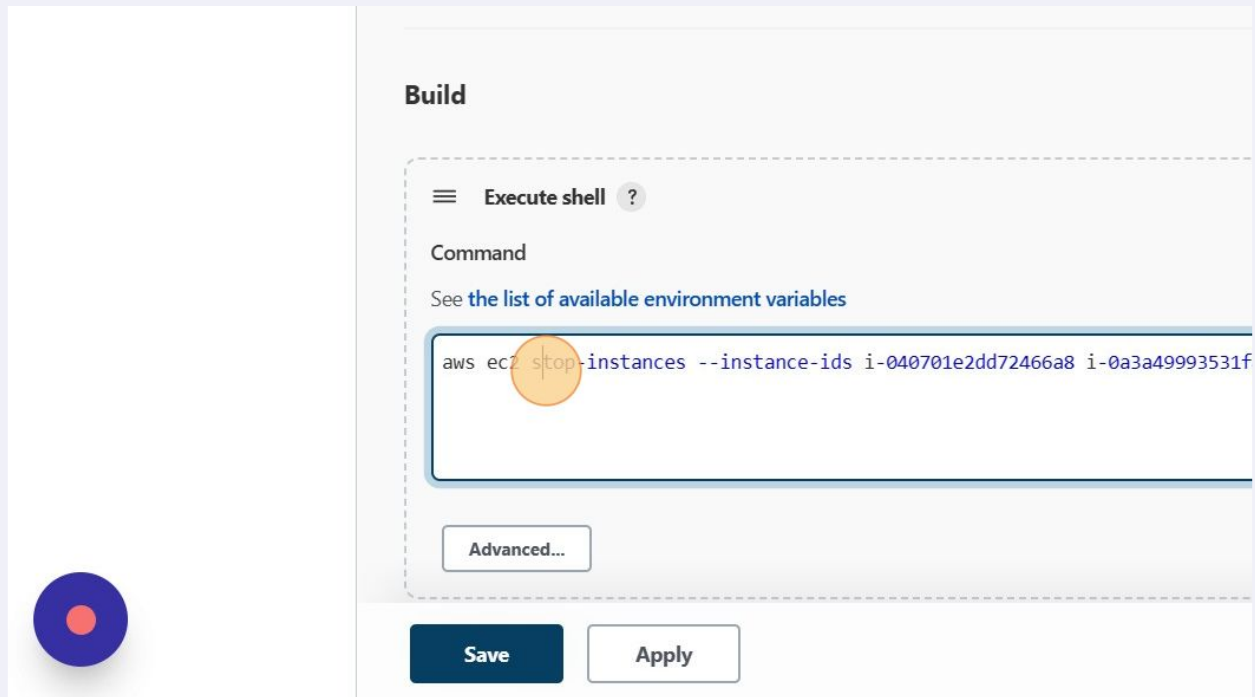
Save **Apply**

34 Click here.



35 Press `[[ctrl]] + [[v]]`

36 Double-click "stop"



37 Type "start"

38 Click "Apply"

Build

≡ Execute shell ?

Command

See [the list of available environment variables](#)

```
aws ec2 start-instances --instance-ids i-040701e2dd72466a8 i-0a3a49993531f4445 --
```

Advanced...

Save

Apply

39 Click "Save"

Build

≡ Execute shell ?

Command

See [the list of available environment variables](#)

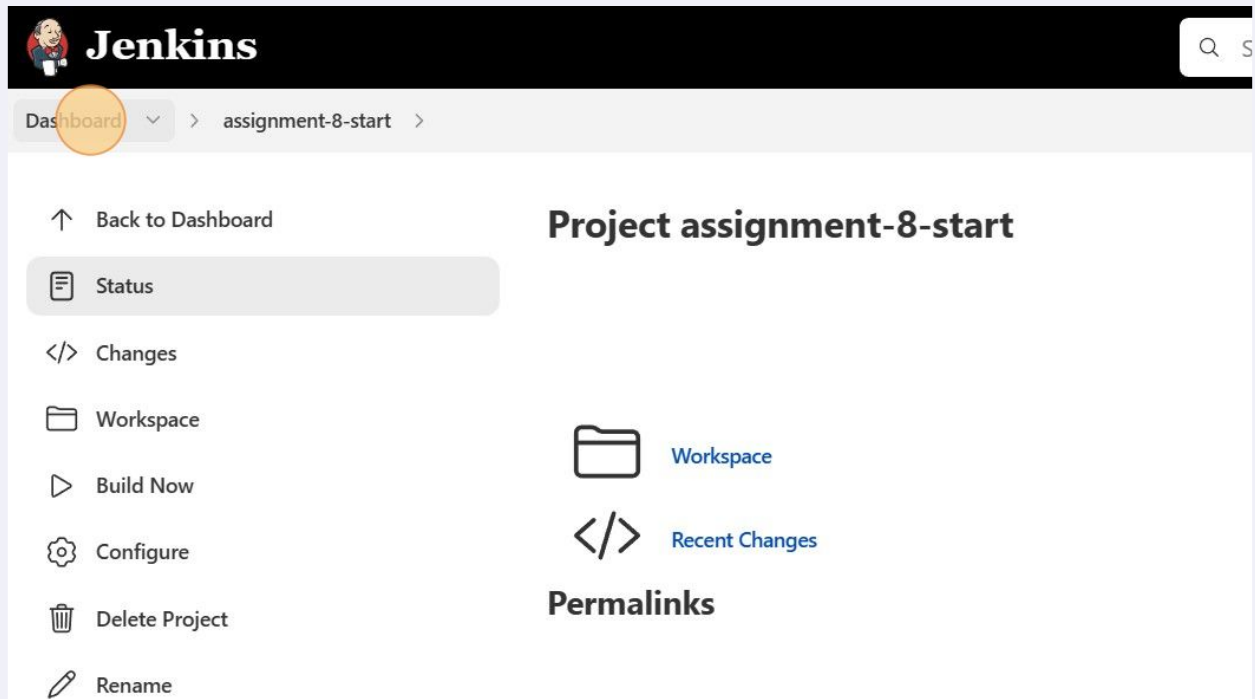
```
aws ec2 start-instances --instance-ids i-040701e2dd72466a8 i-0a3a49993531
```

Advanced...

Save

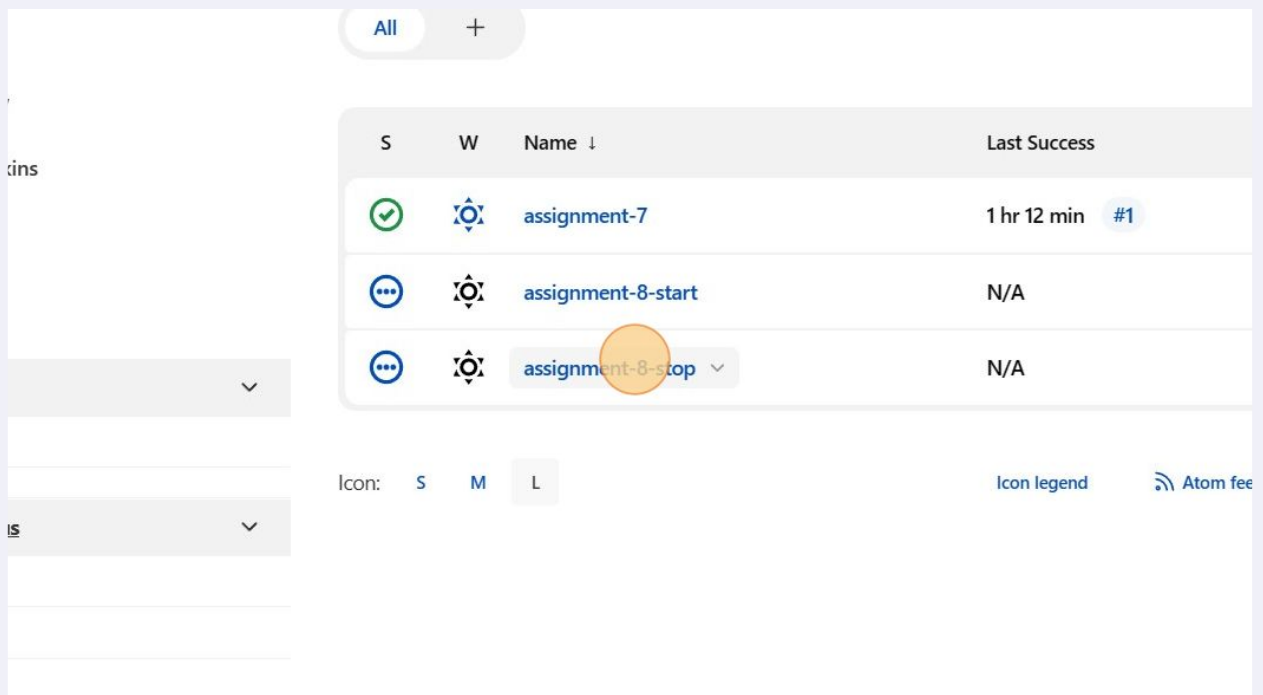
Apply

40 Click "Dashboard"



The screenshot shows the Jenkins web interface. At the top, the Jenkins logo and a search bar are visible. Below the header, a breadcrumb trail shows 'Dashboard' (highlighted with an orange circle) and 'assignment-8-start'. The main content area is titled 'Project assignment-8-start'. On the left, a sidebar contains links: 'Back to Dashboard', 'Status' (highlighted with a grey bar), 'Changes', 'Workspace', 'Build Now', 'Configure', 'Delete Project', and 'Rename'. The main area displays 'Workspace' and 'Recent Changes' with folder and code icons. Below these is a 'Permalinks' section.

41 Click "assignment-8-stop"



The screenshot shows the Jenkins Build History page. A table lists builds with columns for status (S), workspace (W), name, and last success. The 'assignment-8-stop' build is highlighted with an orange circle. Below the table, there are filters for 'Icon' (S, M, L) and a link to 'Icon legend'.

S	W	Name ↓	Last Success
✓	🔧	assignment-7	1 hr 12 min #1
⋮	🔧	assignment-8-start	N/A
⋮	🔧	assignment-8-stop	N/A

42 Click "Configure"

The screenshot shows a dashboard titled "Project assignment-8-stop". On the left is a sidebar with navigation links: "Back to Dashboard", "Status", "Changes", "Workspace", "Build Now", "Configure" (highlighted with an orange circle), "Delete Project", and "Rename". The main area has a "Workspace" folder icon and a "Recent Changes" icon. Below these is a "Permalinks" section. At the bottom, there is a "Build History" section with a "trend" dropdown and a search bar labeled "Filter builds...".

43 Click this field.

The screenshot shows the "Build Triggers" configuration page. It contains several checkboxes: "Trigger builds remotely (e.g., from scripts)", "Build after other projects are built", "Build periodically" (checked), "GitHub hook trigger for GITScm polling", and "Poll SCM". The "Build periodically" option is expanded, showing a "Schedule" field with the value "40 11 ***", which is highlighted by an orange circle. Below the schedule field is a warning message: "⚠ Spread load evenly by using 'H 11 ***' rather than '40 11 ***'". Below the warning, it says "Would last have run at Tuesday, December 20, 2022 11:40:44 AM UTC; would next run at W".

44 Type "39"

45 Click "Apply"

Schedule ?

39 11 * * *

⚠ Spread load evenly by using 'H 11 * * *' rather than '40 11 * * *'

Would last have run at Tuesday, December 20, 2022 11:40:44 AM UTC; would next run at Wednesday, December 21, 2022 11:40:44 AM UTC

☐ GitHub hook trigger for GITScm polling ?

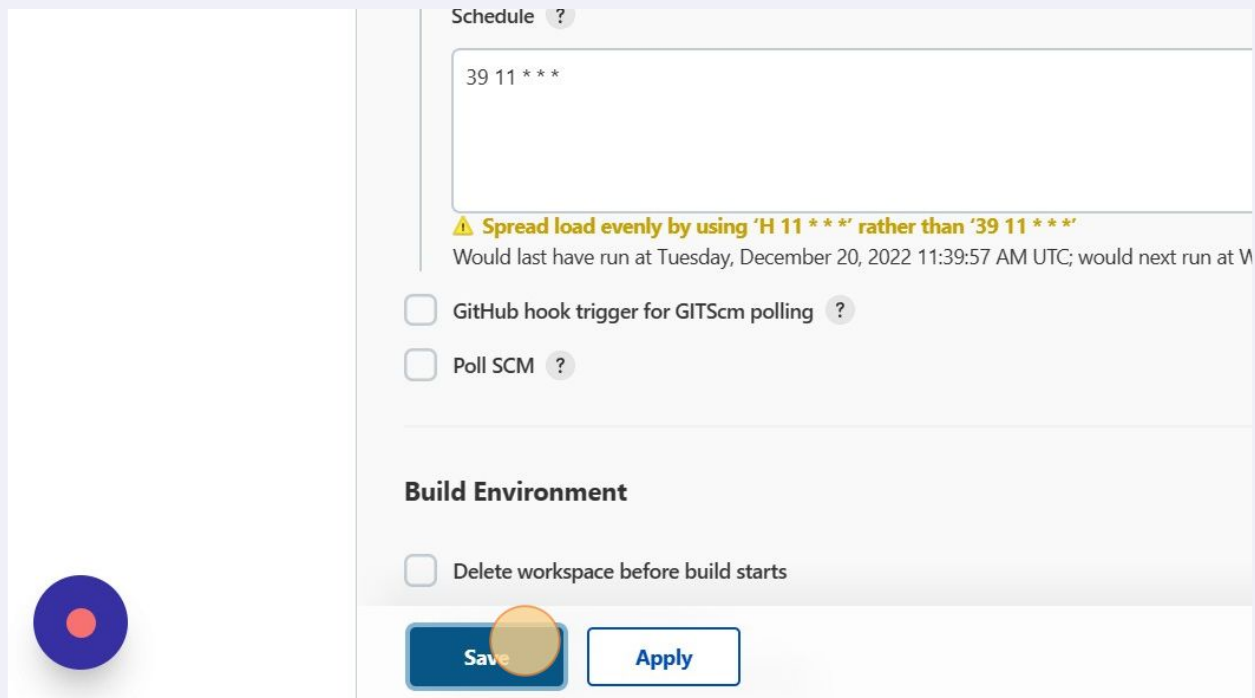
☐ Poll SCM ?

Build Environment

☐ Delete workspace before build starts

Save **Apply**

46 Click "Save"



Schedule ?

39 11 * * *

⚠ Spread load evenly by using 'H 11 * * *' rather than '39 11 * * *'

Would last have run at Tuesday, December 20, 2022 11:39:57 AM UTC; would next run at W

☐ GitHub hook trigger for GITScm polling ?

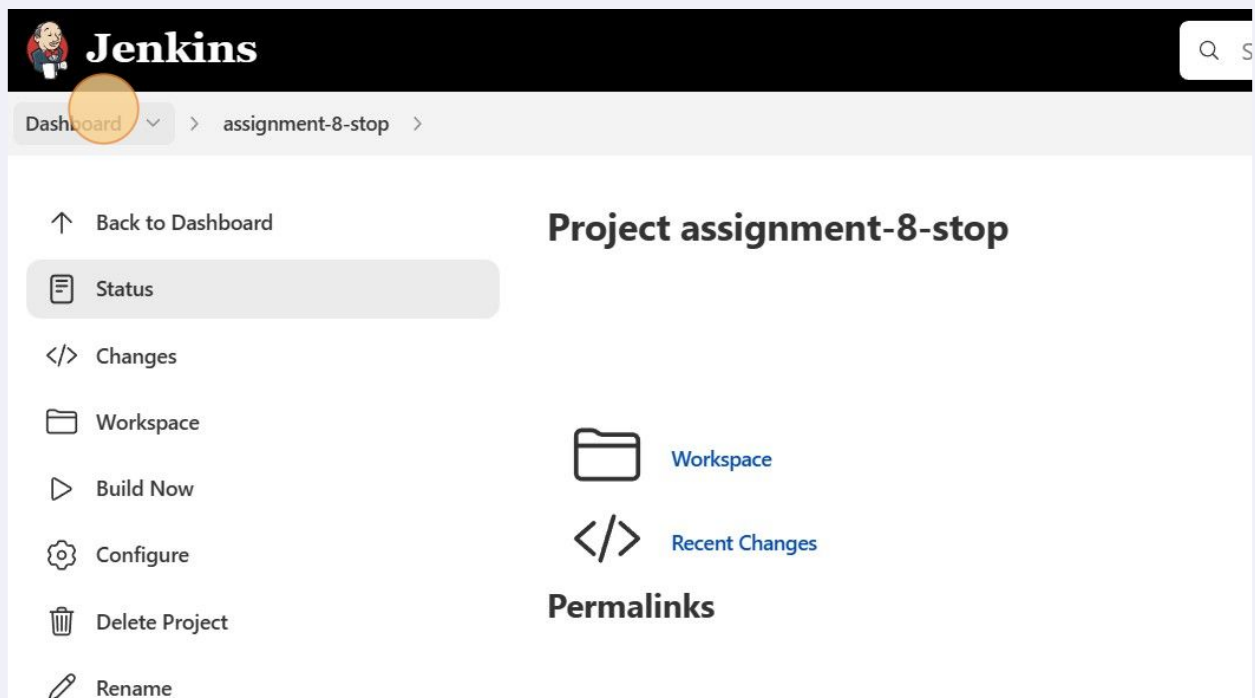
☐ Poll SCM ?

Build Environment

☐ Delete workspace before build starts

Save **Apply**

47 Click "Dashboard"



Jenkins

Dashboard > assignment-8-stop >

↑ Back to Dashboard

Project assignment-8-stop

Status

</> Changes

Workspace

Build Now

Configure

Delete Project

Rename

Workspace

Recent Changes

Permalinks

48 Click "assignment-8-start"

The screenshot shows a build system interface. At the top, there is a filter button labeled 'All' and a plus sign. Below this is a table with the following columns: 'S' (Status), 'W' (Workspace), 'Name', and 'Last Success'. The table contains three rows:

S	W	Name	Last Success
✓	🔧	assignment-7	1 hr 13 min #1
⋮	🔧	assignment-8-start	N/A
⋮	🔧	assignment-8-stop	N/A

The 'assignment-8-start' row is highlighted with an orange circle. Below the table, there is a section for 'Icon: S M L' and links for 'Icon legend' and 'Atom feed'.

49 Click "Configure"

The screenshot shows the 'Project assignment-8-start' configuration page. On the left, there is a sidebar with the following options:

- Back to Dashboard
- Status
- Changes
- Workspace
- Build Now
- Configure (highlighted with an orange circle)
- Delete Project
- Rename

At the bottom of the sidebar, there is a 'Build History' section with a 'trend' dropdown and a search bar labeled 'Filter builds...'. The main content area on the right has the title 'Project assignment-8-start' and contains two sections: 'Workspace' with a folder icon and 'Recent Changes' with a code icon. Below these is a section titled 'Permalinks'.

50 Click this field.

General Source Code Management **Build Triggers** Build Environment Build

☐ Trigger builds remotely (e.g., from scripts) ?

☐ Build after other projects are built ?

☒ Build periodically ?

Schedule ?

45 11 * * *

⚠ Spread load evenly by using 'H 11 * * *' rather than '45 11 * * *'

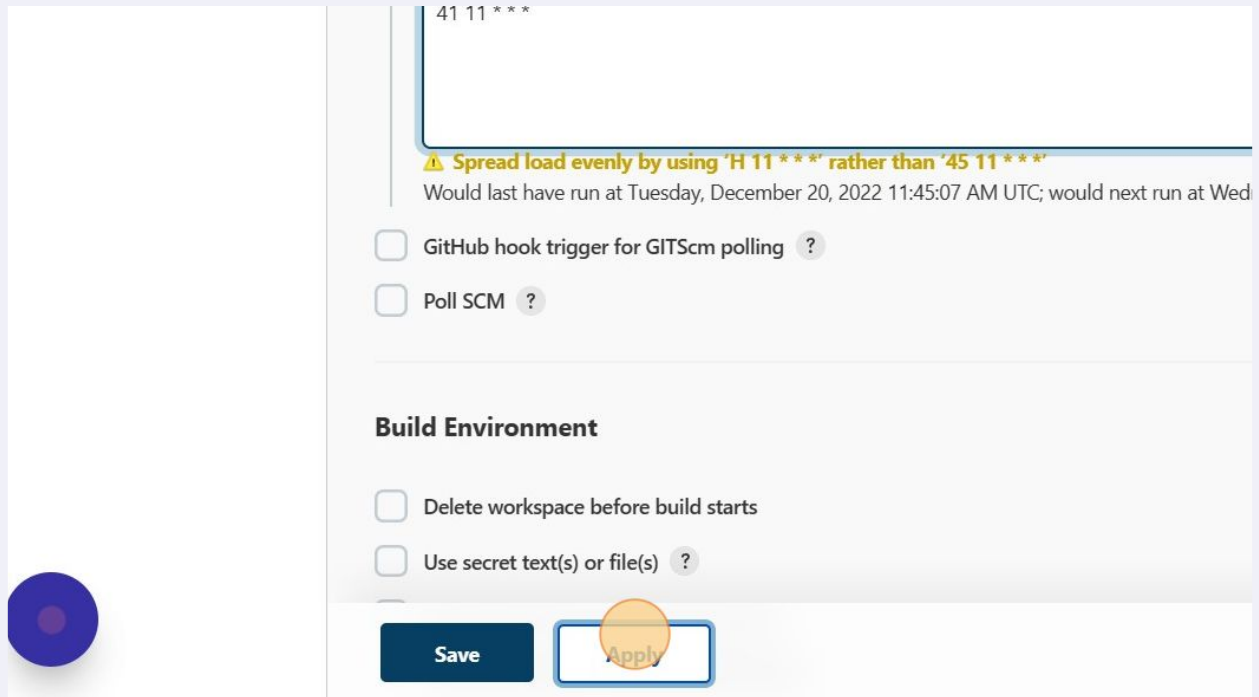
Would last have run at Tuesday, December 20, 2022 11:45:07 AM UTC; would next run at W

☐ GitHub hook trigger for GITScm polling ?

☐ Poll SCM ?

51 Type "[Backspace] 1"

52 Click "Apply"



41 11 ***

⚠ Spread load evenly by using 'H 11 *' rather than '45 11 ***'**

Would last have run at Tuesday, December 20, 2022 11:45:07 AM UTC; would next run at Wednesday, December 21, 2022 11:45:07 AM UTC

☐ GitHub hook trigger for GITScm polling ?

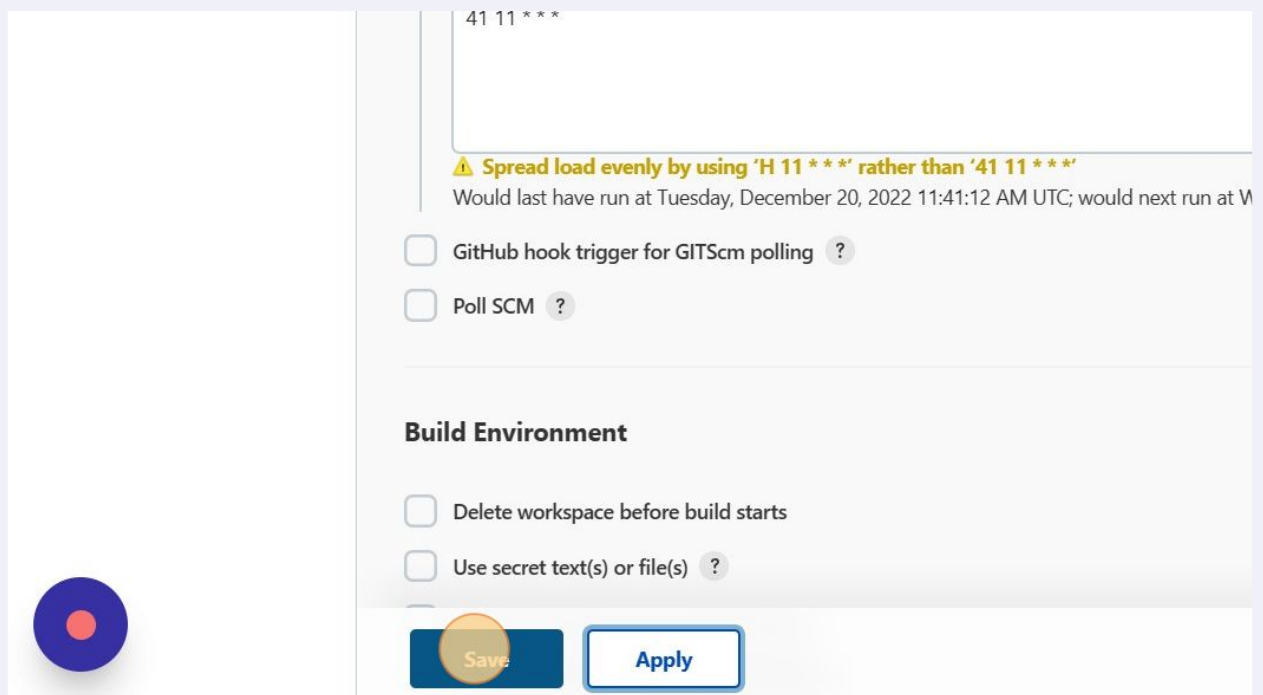
☐ Poll SCM ?

Build Environment

☐ Delete workspace before build starts

☐ Use secret text(s) or file(s) ?

53 Click "Save"



41 11 ***

⚠ Spread load evenly by using 'H 11 *' rather than '41 11 ***'**

Would last have run at Tuesday, December 20, 2022 11:41:12 AM UTC; would next run at Wednesday, December 21, 2022 11:41:12 AM UTC

☐ GitHub hook trigger for GITScm polling ?

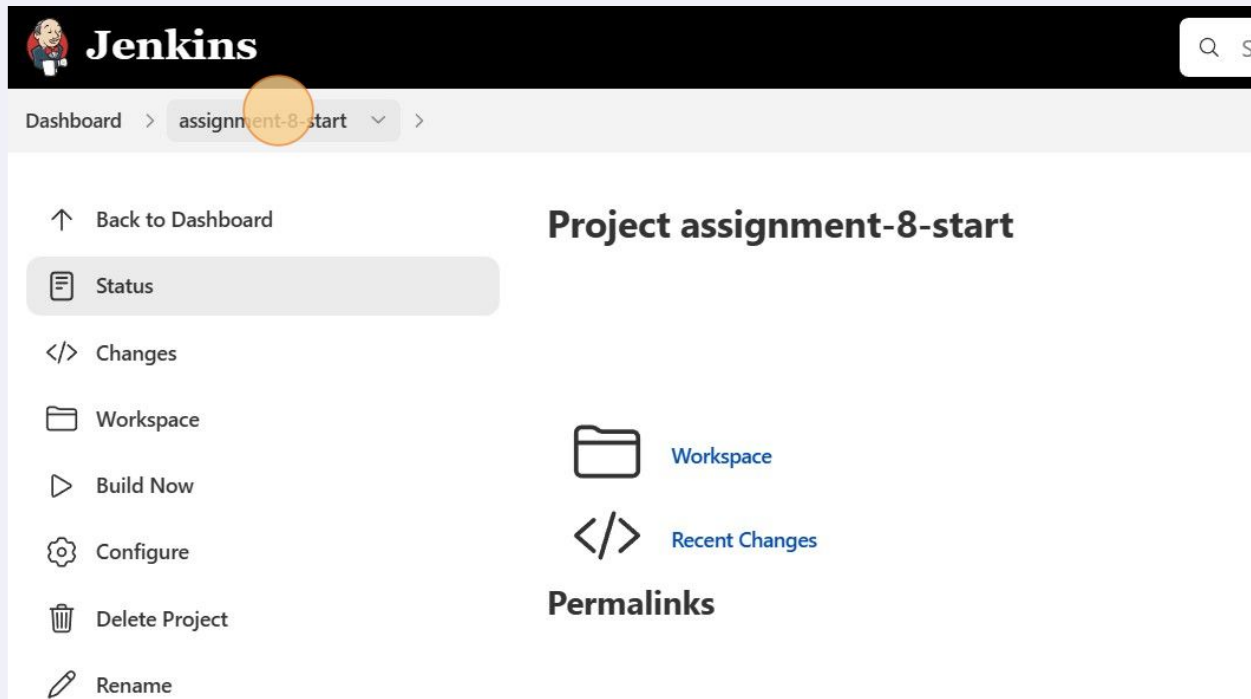
☐ Poll SCM ?

Build Environment

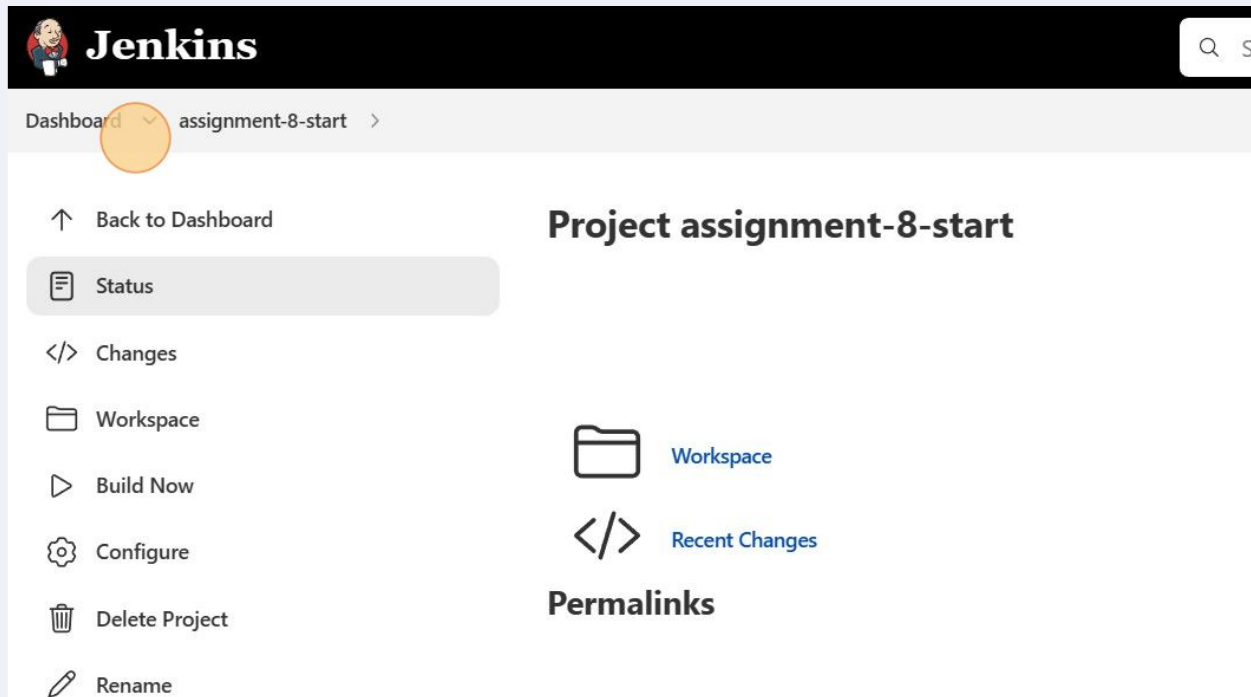
☐ Delete workspace before build starts

☐ Use secret text(s) or file(s) ?

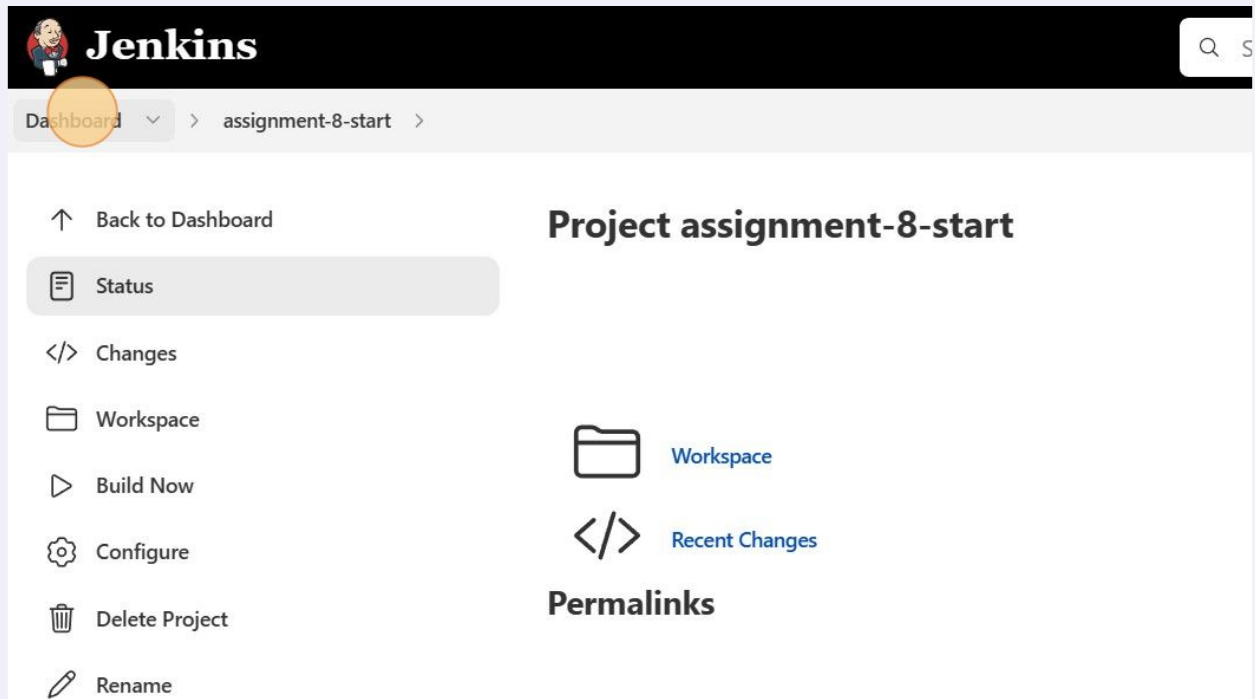
54 Click "assignment-8-start"



55 Click here.

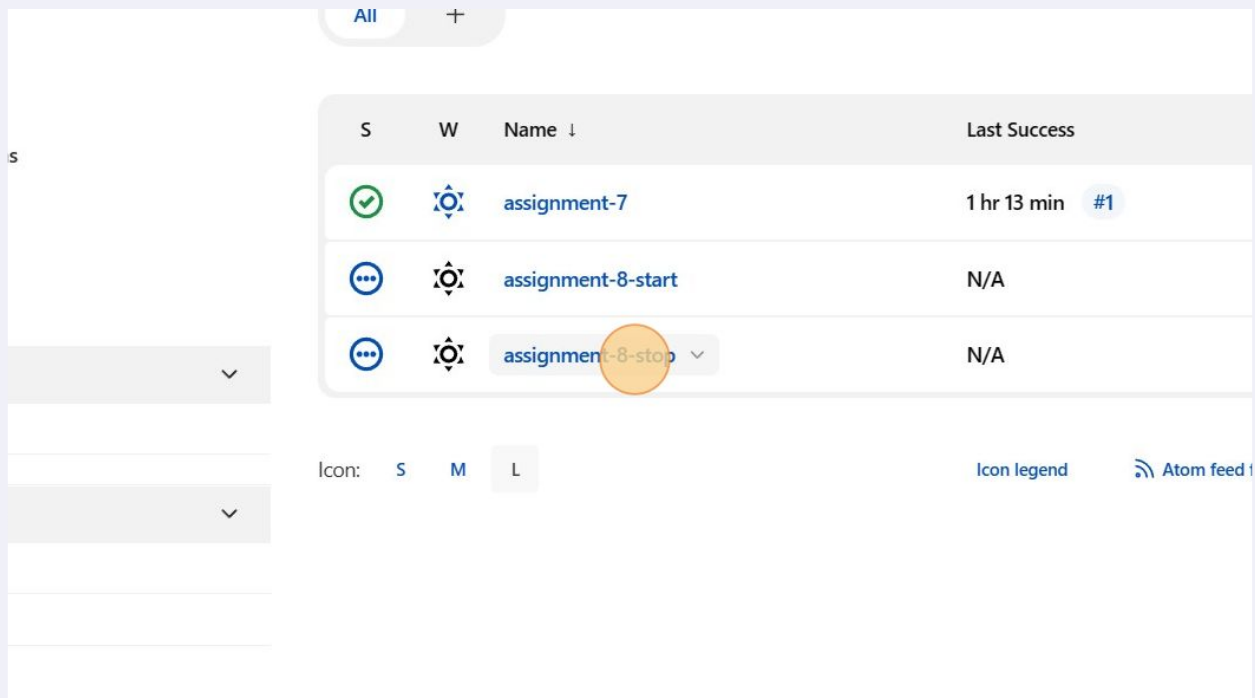


56 Click "Dashboard"



The screenshot shows the Jenkins web interface. At the top, there's a black header with the Jenkins logo and a search bar. Below the header, a breadcrumb trail shows 'Dashboard' (highlighted with an orange circle) and 'assignment-8-start'. The main content area is titled 'Project assignment-8-start'. On the left, there's a sidebar with navigation links: 'Back to Dashboard', 'Status' (highlighted with a grey bar), 'Changes', 'Workspace', 'Build Now', 'Configure', 'Delete Project', and 'Rename'. The main area contains a 'Workspace' link with a folder icon, a 'Recent Changes' link with a code icon, and a 'Permalinks' section.

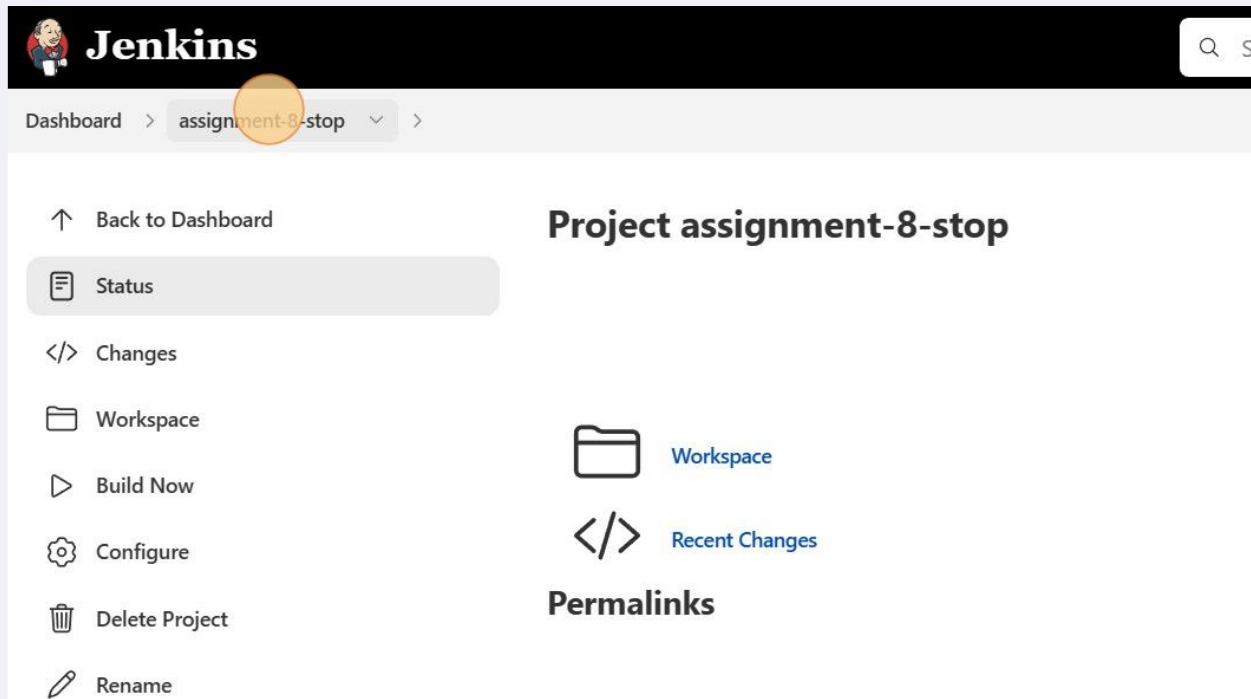
57 Click "assignment-8-stop"



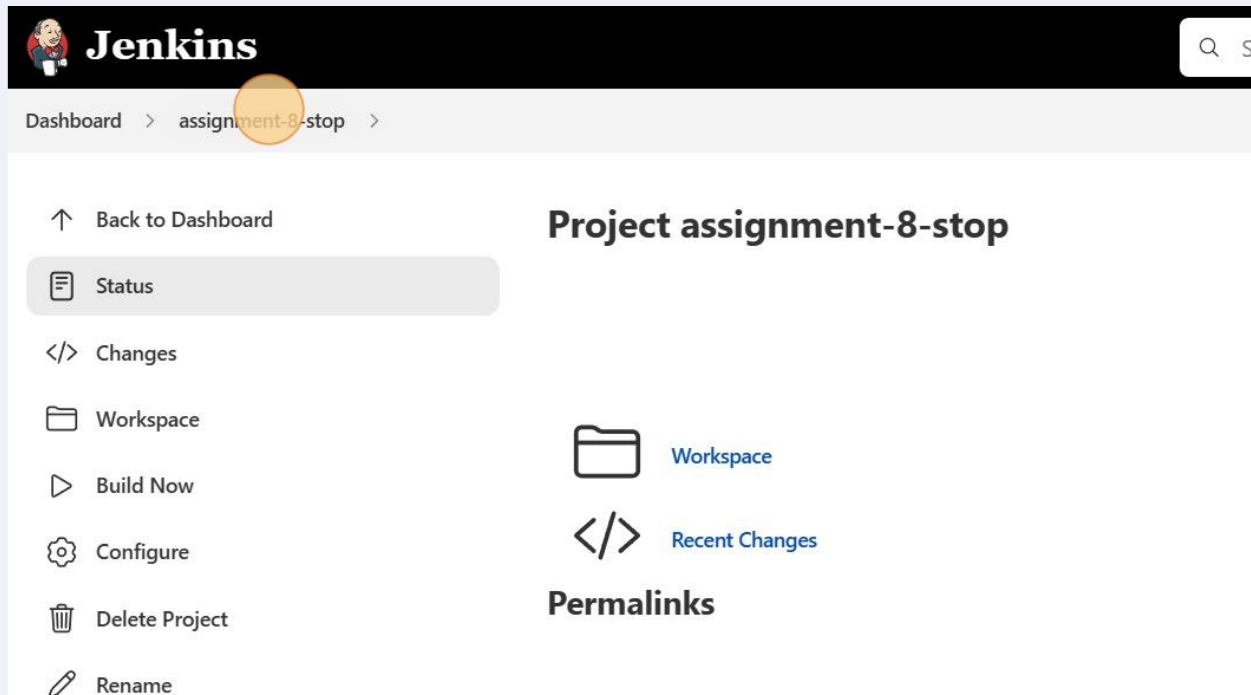
The screenshot shows the Jenkins Build History table. The table has columns for 'S' (Status), 'W' (Workspace), 'Name', and 'Last Success'. The 'assignment-8-stop' row is highlighted with an orange circle. The table also includes a filter bar at the top with 'All' and a plus sign, and a legend at the bottom for 'Icon: S M L'.

S	W	Name ↓	Last Success
✓	⚙️	assignment-7	1 hr 13 min #1
⋮	⚙️	assignment-8-start	N/A
⋮	⚙️	assignment-8-stop	N/A

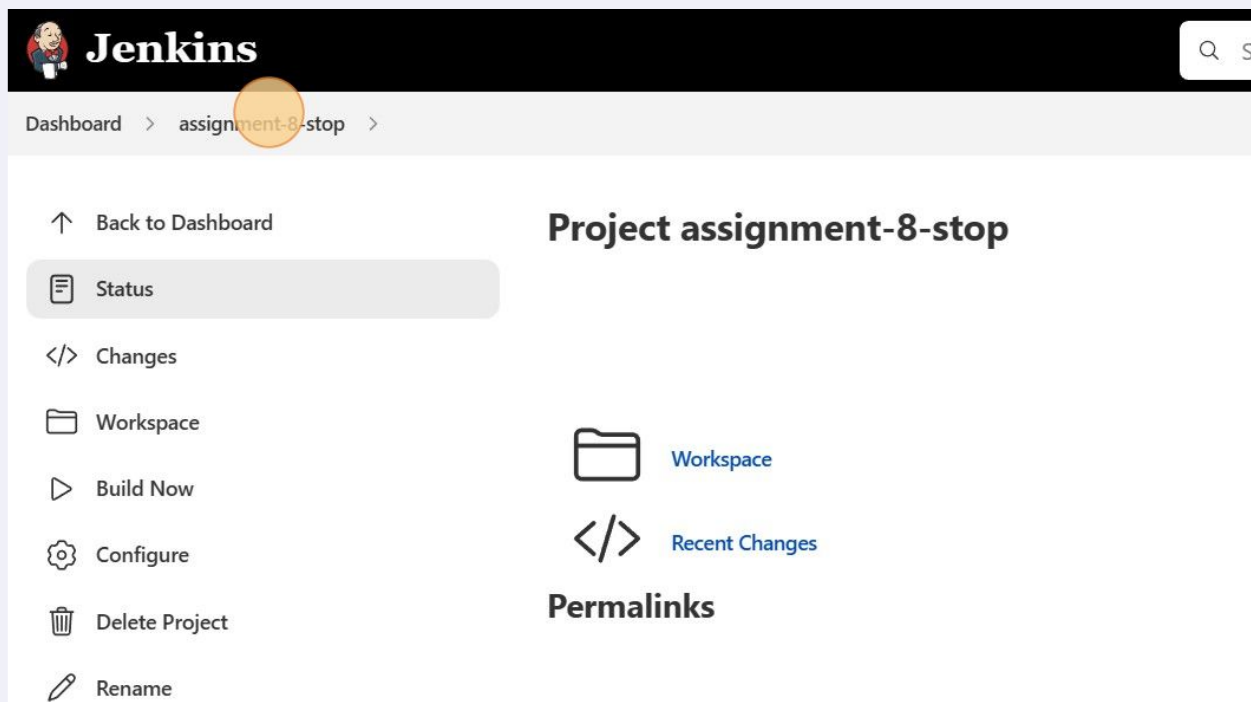
58 Click "assignment-8-stop"



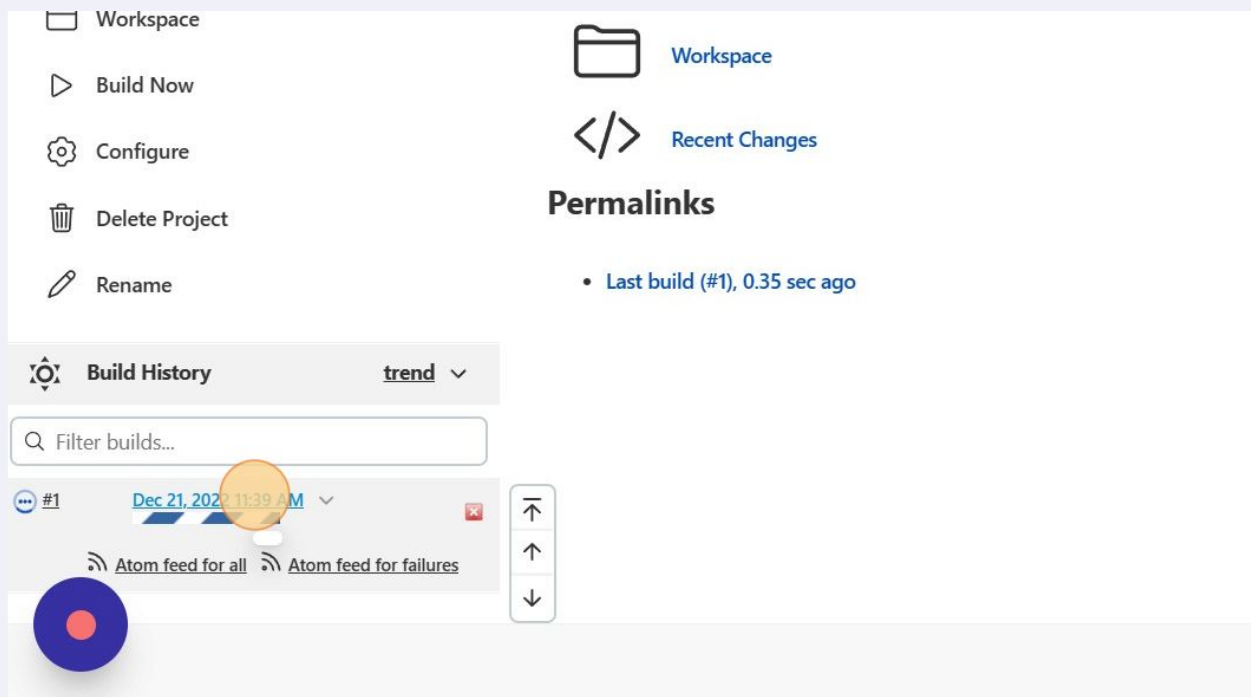
59 Click "assignment-8-stop"



60 Click "assignment-8-stop"



61 Click "Dec 21, 2022 11:39 AM"



62 Click "Console Output"

Dashboard > assignment-8-stop > #1

↑ Back to Project

☰ Status

</> Changes

📄 Console Output

⚙️ Edit Build Information

🗑️ Delete build '#1'

✅ **Build #1 (Dec 21, 2022 11:39:00 AM)**

</> No changes.

⌚ Started by timer

63 Click "Started by timer Running as SYSTEM Building in workspace /root/.jenkins/workspace/assignment-8-stop [assignment-8-stop] \$ /bin/sh -xe /mnt/insta..."

Dashboard > assignment-8-stop > #1

☰ Status

</> Changes

📄 Console Output

📄 View as plain text

⚙️ Edit Build Information

🗑️ Delete build '#1'

```
Started by timer
Running as SYSTEM
Building in workspace /root/.jenkins/workspace/assignment-8-stop
[assignment-8-stop] $ /bin/sh -xe /mnt/install/apache-tomcat-9.0.
+ aws ec2 stop-instances --instance-ids i-040701e2dd72466a8 i-0a3
-----
|      StopInstances      |
+-----+
|| StoppingInstances ||
|+-----+|
||      InstanceId      ||
|+-----+|
|| i-040701e2dd72466a8 ||
|+-----+|
|||      CurrentState    ||| |
||+-----+||
||| Code |      Name      |||
||+-----+||
||+-----+||
```

64

Click "Started by timer

Running as SYSTEM

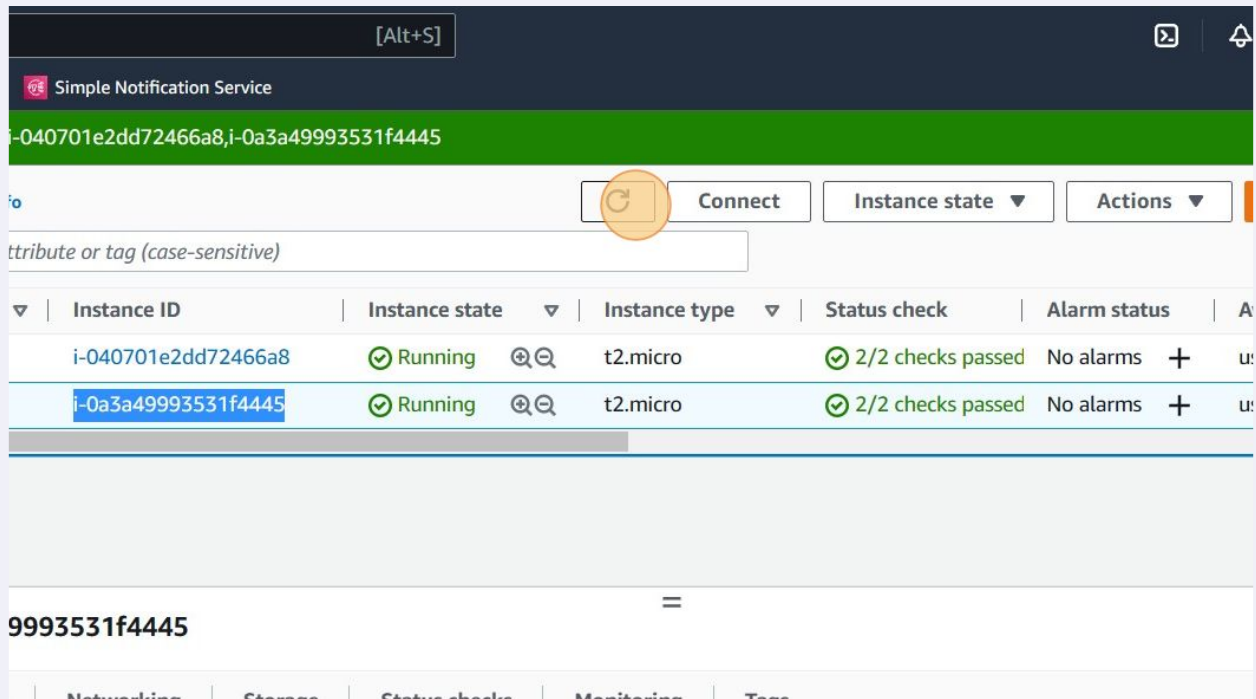
Building in workspace /root/.jenkins/workspace/assignment-8-stop

[assignment-8-stop] \$ /bin/sh -xe /mnt/insta..."

```
||| CurrentState ||| |
||+-----+-----+||
||| Code | Name |||
||+-----+-----+||
||| 64 | stopping |||
||+-----+-----+||
||| PreviousState |||
||+-----+-----+||
||| Code | Name |||
||+-----+-----+||
||| 16 | running |||
||+-----+-----+||
|| StoppingInstances ||
||+-----+||
|| InstanceId ||
||+-----+||
|| i-0a3a49993531f4445 ||
||+-----+||
||| CurrentState |||
||+-----+-----+||
||| Code | Name |||
```



65 Click this button.



[Alt+S]

Simple Notification Service

i-040701e2dd72466a8,i-0a3a49993531f4445

Connect Instance state Actions

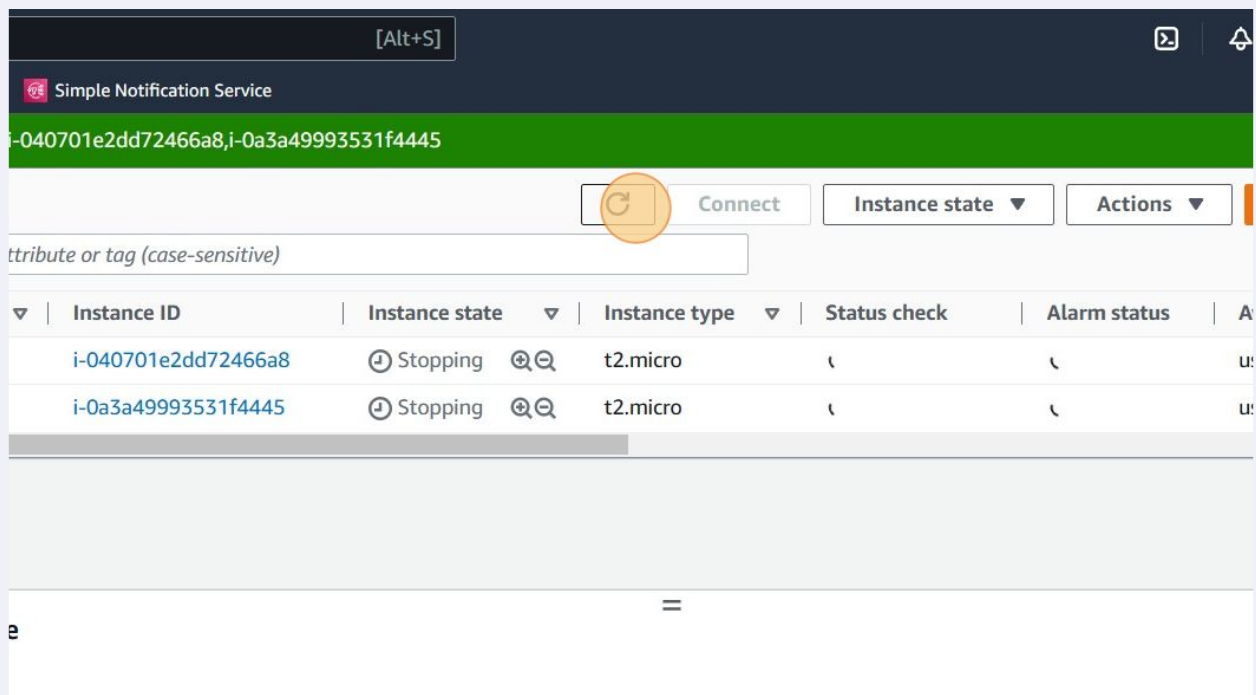
Attribute or tag (case-sensitive)

Instance ID	Instance state	Instance type	Status check	Alarm status
i-040701e2dd72466a8	Running	t2.micro	2/2 checks passed	No alarms
i-0a3a49993531f4445	Running	t2.micro	2/2 checks passed	No alarms

9993531f4445

Networking Storage Status checks Monitoring Tags

66 Double-click this button.



[Alt+S]

Simple Notification Service

i-040701e2dd72466a8,i-0a3a49993531f4445

Connect Instance state Actions

Attribute or tag (case-sensitive)

Instance ID	Instance state	Instance type	Status check	Alarm status
i-040701e2dd72466a8	Stopping	t2.micro	((
i-0a3a49993531f4445	Stopping	t2.micro	((

e

=

67 Double-click this button.

[Alt+S]

Simple Notification Service

i-040701e2dd72466a8,i-0a3a49993531f4445

Connect Instance state Actions

Attribute or tag (case-sensitive)

Instance ID	Instance state	Instance type	Status check	Alarm status	Actions
i-040701e2dd72466a8	Stopping	t2.micro	-	No alarms	+
i-0a3a49993531f4445	Stopping	t2.micro	-	No alarms	+

68 Double-click this button.

[Alt+S]

Simple Notification Service

i-040701e2dd72466a8,i-0a3a49993531f4445

Connect Instance state Actions

Attribute or tag (case-sensitive)

Instance ID	Instance state	Instance type	Status check	Alarm status	Actions
i-040701e2dd72466a8	Stopping	t2.micro	-	No alarms	+
i-0a3a49993531f4445	Stopping	t2.micro	-	No alarms	+

69 Double-click this button.

[Alt+S]

Simple Notification Service

i-040701e2dd72466a8,i-0a3a49993531f4445

Connect

Instance state ▾

Actions ▾

Attribute or tag (case-sensitive)

Instance ID	Instance state ▾	Instance type ▾	Status check	Alarm status	A
i-040701e2dd72466a8	<div>⌚ Stopping</div> <div>🔍🔍</div>	t2.micro	–	No alarms +	u
i-0a3a49993531f4445	<div>⌚ Stopping</div> <div>🔍🔍</div>	t2.micro	–	No alarms +	u

=

e

70 Double-click this button.

[Alt+S]

Simple Notification Service

i-040701e2dd72466a8,i-0a3a49993531f4445

Connect

Instance state ▾

Actions ▾

Attribute or tag (case-sensitive)

Instance ID	Instance state ▾	Instance type ▾	Status check	Alarm status	A
i-040701e2dd72466a8	<div>⌚ Stopping</div> <div>🔍🔍</div>	t2.micro	–	No alarms +	u
i-0a3a49993531f4445	<div>⌚ Stopping</div> <div>🔍🔍</div>	t2.micro	–	No alarms +	u

=

e

71 Click this button.

[Alt+S]

Simple Notification Service

i-040701e2dd72466a8,i-0a3a49993531f4445

Refresh Connect Instance state Actions

Attribute or tag (case-sensitive)

Instance ID	Instance state	Instance type	Status check	Alarm status
i-040701e2dd72466a8	Stopping	t2.micro	-	No alarms
i-0a3a49993531f4445	Stopping	t2.micro	-	No alarms

72 Click this button.

[Alt+S]

Simple Notification Service

i-040701e2dd72466a8,i-0a3a49993531f4445

Refresh Connect Instance state Actions

Attribute or tag (case-sensitive)


Instance ID	Instance state	Instance type	Status check	Alarm status
i-040701e2dd72466a8	Stopping	t2.micro	-	No alarms
i-0a3a49993531f4445	Stopping	t2.micro	-	No alarms

73 Double-click this button.

[Alt+S]

Simple Notification Service

i-040701e2dd72466a8,i-0a3a49993531f4445

 [Connect](#) Instance state ▼ Actions ▼

Attribute or tag (case-sensitive)

▼	Instance ID	Instance state ▼	Instance type ▼	Status check	Alarm status	A
	i-040701e2dd72466a8	Stopping	t2.micro	–	No alarms +	u
	i-0a3a49993531f4445	Stopping	t2.micro	–	No alarms +	u


e

74 Double-click this button.

[Alt+S]

Simple Notification Service

i-040701e2dd72466a8,i-0a3a49993531f4445

 [Connect](#) Instance state ▼ Actions ▼

Attribute or tag (case-sensitive)

▼	Instance ID	Instance state ▼	Instance type ▼	Status check	Alarm status	A
	i-040701e2dd72466a8	Stopping	t2.micro	–	No alarms +	u
	i-0a3a49993531f4445	Stopping	t2.micro	–	No alarms +	u

e

75 Click here.

Jenkins

Dashboard > assignment-8-stop > #1

- Back to Project
- Status
- Changes
- Console Output**
- View as plain text
- Edit Build Information
- Delete build '#1'

Console Output

```
Started by timer
Running as SYSTEM
Building in workspace /root/.jenkins/workspace/assignment-8-stop
[assignment-8-stop] $ /bin/sh -xe /mnt/install/apache-tomcat-9.0.
+ aws ec2 stop-instances --instance-ids i-040701e2dd72466a8 i-0a3
```

StopInstances
StoppingInstances
InstanceId

76 Click "Dashboard"

Jenkins

Dashboard > assignment-8-stop > #1

- Back to Project
- Status
- Changes
- Console Output**
- View as plain text
- Edit Build Information
- Delete build '#1'

Console Output

```
Started by timer
Running as SYSTEM
Building in workspace /root/.jenkins/workspace/assignment-8-stop
[assignment-8-stop] $ /bin/sh -xe /mnt/install/apache-tomcat-9.0.
+ aws ec2 stop-instances --instance-ids i-040701e2dd72466a8 i-0a3
```

StopInstances
StoppingInstances
InstanceId

77 Click "assignment-8-start"

UI element showing a table of assignments. The table has columns: S, W, Name, and Last Success. The row for "assignment-8-start" is highlighted with an orange circle.

S	W	Name	Last Success
✓	⚙️	assignment-7	1 hr 14 min #1
⋮	⚙️	assignment-8-start	N/A
✓	⚙️	assignment-8-stop	31 sec #1

Icon: S M L Icon legend Atom fe

78 Click this button.

UI element showing a table of instances. The table has columns: Instance ID, Instance state, Instance type, Status check, and Alarm status. The "Connect" button is highlighted with an orange circle.

[Alt+S]

Simple Notification Service

Instance ID: i-040701e2dd72466a8,i-0a3a49993531f4445

Info

by attribute or tag (case-sensitive)

Connect Instance state Actions

Instance ID	Instance state	Instance type	Status check	Alarm status
i-040701e2dd72466a8	Stopped	t2.micro	-	No alarms
i-0a3a49993531f4445	Stopped	t2.micro	-	No alarms

ance

79 Click "i-040701e2dd72466a8"

Search [Alt+S]

S3 IAM CloudWatch Simple Notification Service

Successfully started i-040701e2dd72466a8,i-0a3a49993531f4445

Instances (2) Info Refresh Connect Instance s

Find instance by attribute or tag (case-sensitive)

<input type="checkbox"/>	Name ▾	Instance ID	Instance state ▾	Instance type ▾	Status check
<input type="checkbox"/>	-	i-040701e2dd72466a8	⊖ Stopped 🔍	t2.micro	-
<input type="checkbox"/>	-	i-0a3a49993531f4445	⊖ Stopped 🔍	t2.micro	-

Select an instance =

80 Click here.

Successfully started i-040701e2dd72466a8,i-0a3a49993531f4445

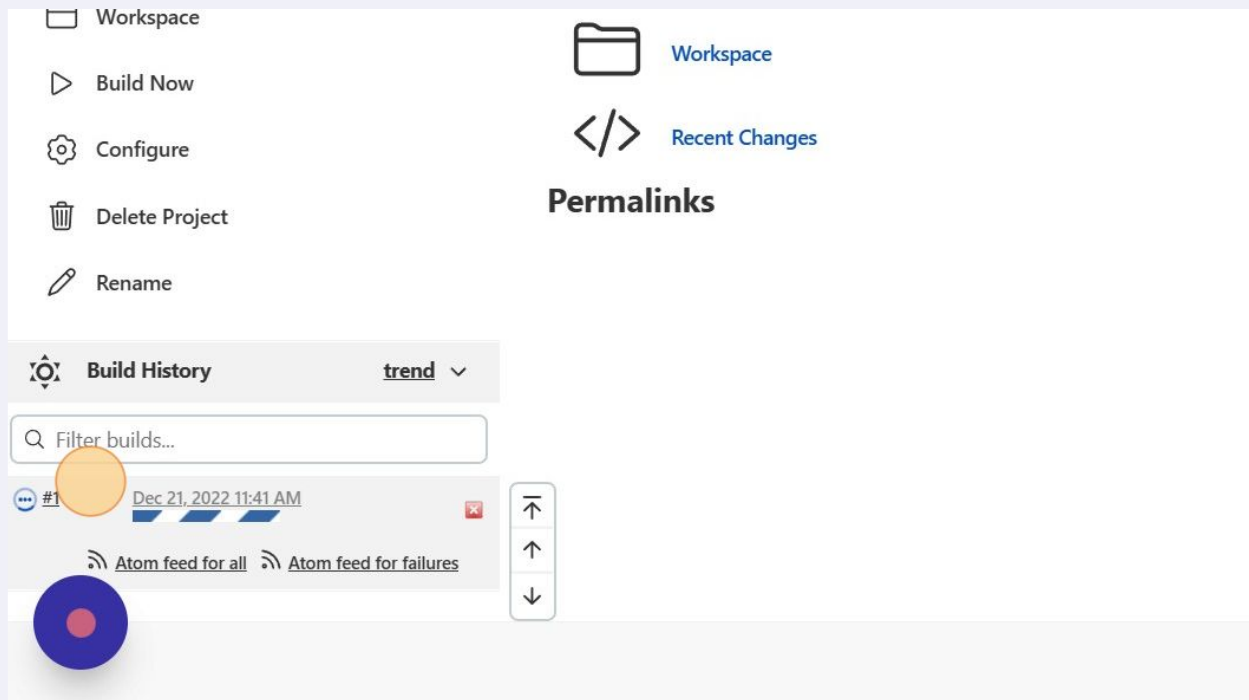
Instances (2) Info Refresh Connect Instance st

Find instance by attribute or tag (case-sensitive)

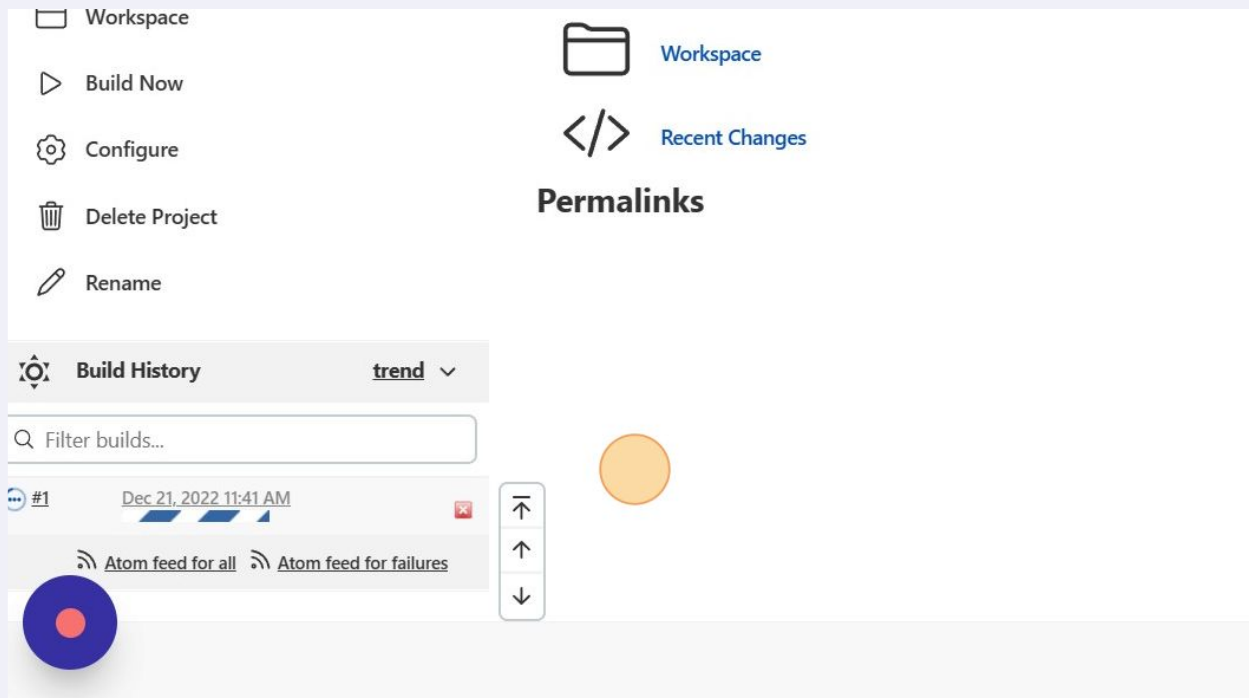
<input type="checkbox"/>	Name ▾	Instance ID	Instance state ▾	Instance type ▾	Status check
<input type="checkbox"/>		i-040701e2dd72466a8	⊖ Stopped 🔍	t2.micro	-
<input type="checkbox"/>	-	i-0a3a49993531f4445	⊖ Stopped 🔍	t2.micro	-

Select an instance =

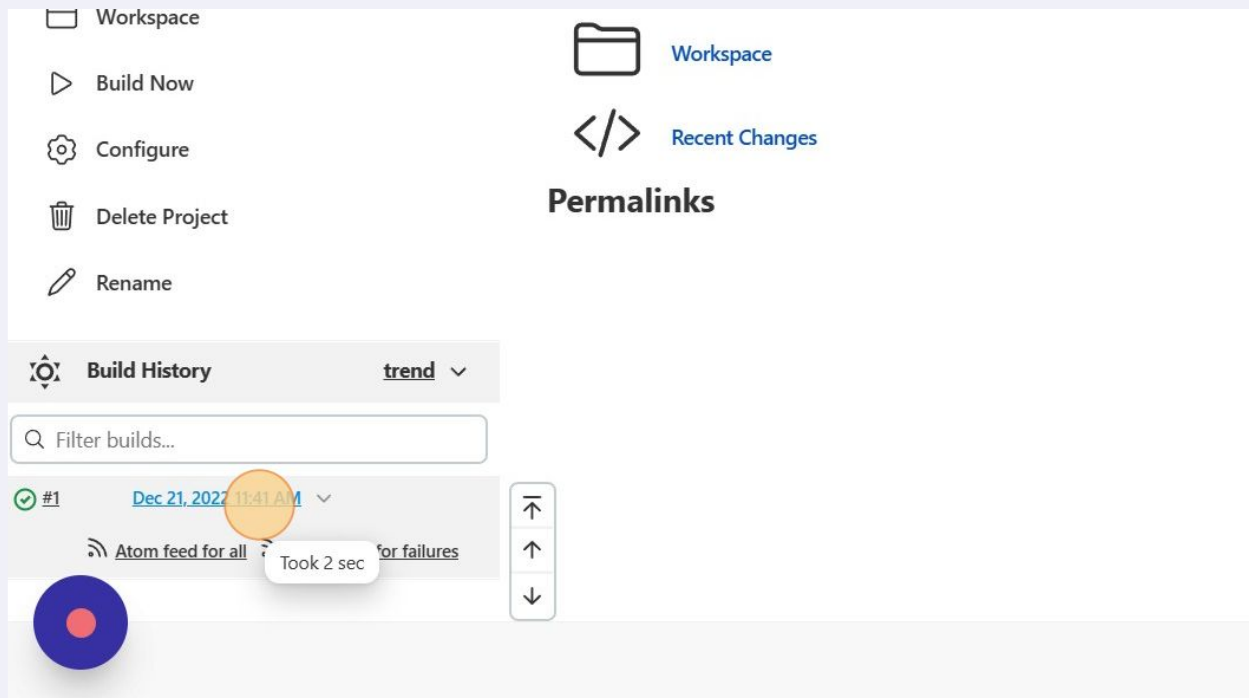
81 Click "#1
Dec 21, 2022 11:41 AM"



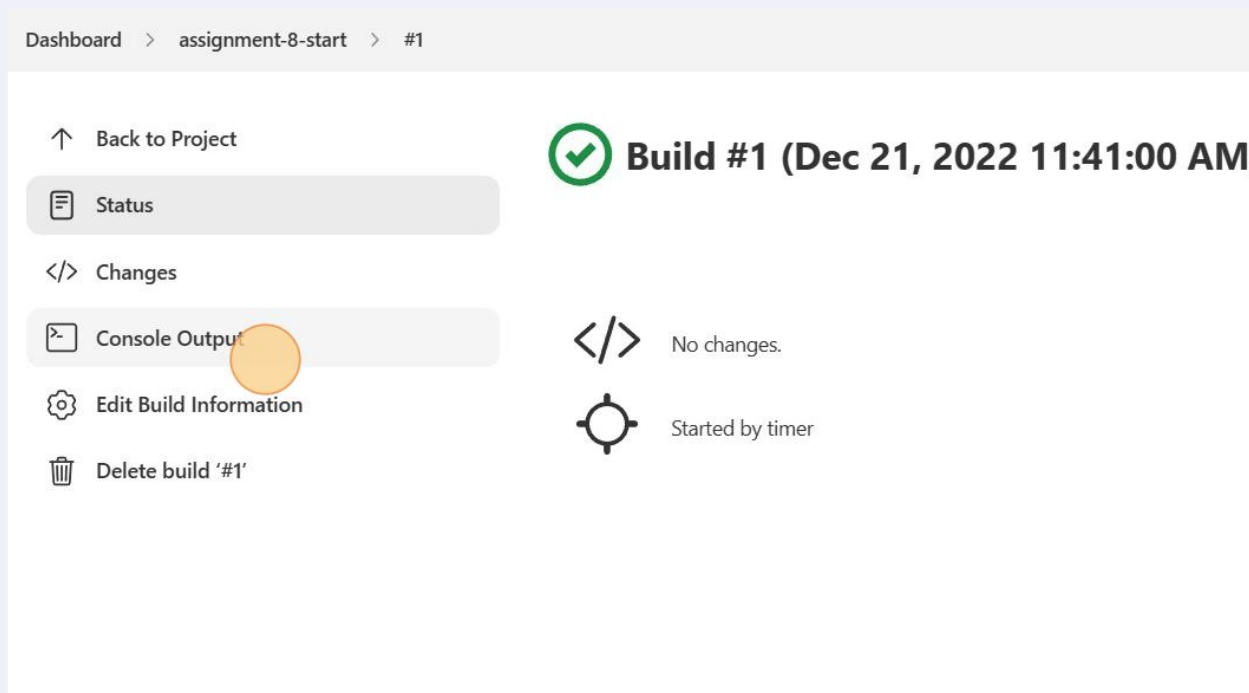
82 Click here.



83 Click "Dec 21, 2022 11:41 AM"



84 Click "Console Output"



85

Click "Started by timer

Running as SYSTEM

Building in workspace /root/.jenkins/workspace/assignment-8-start

[assignment-8-start] \$ /bin/sh -xe /mnt/ins..."

Dashboard > assignment-8-start > #1

Status

Changes

Console Output

View as plain text

Edit Build Information

Delete build '#1'

Started by timer

Running as SYSTEM

Building in workspace /root/.jenkins/workspace/assignment-8-start

[assignment-8-start] \$ /bin/sh -xe /mnt/install/apache-tomcat-9.0

+ aws ec2 start-instances --instance-ids i-040701e2dd72466a8 i-0a

```

-----+
|      StartInstances      |
+-----+
|| StartingInstances ||
|+-----+|
||      InstanceId      ||
|+-----+|
|| i-040701e2dd72466a8 ||
|+-----+|
|||      CurrentState    ||| |
||+-----+||
||| Code | Name |||
..

```

86

Click "Started by timer

Running as SYSTEM

Building in workspace /root/.jenkins/workspace/assignment-8-start

[assignment-8-start] \$ /bin/sh -xe /mnt/ins..."

```

-----+
|| StartingInstances ||
|+-----+|
||      InstanceId      ||
|+-----+|
|| i-040701e2dd72466a8 ||
|+-----+|
|||      CurrentState    ||| |
||+-----+||
||| Code | Name |||
|+-----+|
||| 0 | pending |||
|+-----+|
||| PreviousState |||
|+-----+|
||| Code | Name |||
|+-----+|
||| 80 | stopped |||
|+-----+|
|| StartingInstances ||
+-----+

```

87

Click "Started by timer

Running as SYSTEM

Building in workspace /root/.jenkins/workspace/assignment-8-start

[assignment-8-start] \$ /bin/sh -xe /mnt/ins..."

as plain text

Id Information

build '#1'

```
+ aws ec2 start-instances --instance-ids i-040701e2dd72466a8 i-0a3a49993531f4445
```

StartInstances		
StartingInstances		
InstanceId		
i-040701e2dd72466a8		
CurrentState		
Code	Name	
0	pending	
PreviousState		
Code	Name	
80	stopped	

88 Click here.

[Alt+S]

Simple Notification Service

i-040701e2dd72466a8,i-0a3a49993531f4445

Connect Instance state Actions

attribute or tag (case-sensitive)

Instance ID	Instance state	Instance type	Status check	Alarm status
i-040701e2dd72466a8	Stopped	t2.micro	-	No alarms
i-0a3a49993531f4445	Stopped	t2.micro	-	No alarms

89 Click "Edit NameCancelSave"

aws Services Search [Alt+S]

EC2 VPC EFS S3 IAM CloudWatch Simple Notification Service

New EC2 Experience Tell us what you think

EC2 Dashboard

EC2 Global View

Events

Tags

Limits

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Successfully started i-040701e2dd72466a8,i-0a3a49993531f4445

Instances (2) Info

Find instance by attribute or tag (case-sensitive)

Name	Instance ID	Instance state	Instance type
-	i-040701e2dd72466a8	Pending	t2.micro
-	i-0a3a49993531f4445	Pending	t2.micro

Select an instance

90 Click here.

Successfully started i-040701e2dd72466a8,i-0a3a49993531f4445

Instances (2) [Info](#) Refresh Connect Instance state ▼

Name ▼	Instance ID	Instance state ▼	Instance type ▼	Status check	Actions
	i-040701e2dd72466a8	⌚ Pending 🔍🔍	t2.micro	–	⌵
–	i-0a3a49993531f4445	⌚ Pending 🔍🔍	t2.micro	–	⌵

Select an instance

91 Click here.

[Alt+S] 🔍

Simple Notification Service

Successfully started i-040701e2dd72466a8,i-0a3a49993531f4445

Refresh Connect Instance state ▼ Actions ▼

Instance ID	Instance state ▼	Instance type ▼	Status check	Alarm status
i-040701e2dd72466a8	✅ Running 🔍🔍	t2.micro	–	No alarms +
i-0a3a49993531f4445	⌚ Pending 🔍🔍	t2.micro	–	No alarms +

Select an instance

92 Click here.

aws Services Search [Alt+S]

EC2 VPC EFS S3 IAM CloudWatch Simple Notification Service

New EC2 Experience Tell us what you think

EC2 Dashboard
EC2 Global View
Events
Tags
Limits

▼ Instances

Instances

Instance Types
Launch Templates
Spot Requests

Successfully started i-040701e2dd72466a8,i-0a3a49993531f4445

Instances (2) Info

Find instance by attribute or tag (case-sensitive)

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type
<input type="checkbox"/>	-	i-040701e2dd72466a8	Running	t2.micro
<input type="checkbox"/>	-	i-0a3a49993531f4445	Pending	t2.micro

Select an instance

93 Click here.

Instances (2) Info

Find instance by attribute or tag (case-sensitive)

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type
<input type="checkbox"/>	-	i-040701e2dd72466a8	Running	t2.micro
<input type="checkbox"/>	-	i-0a3a49993531f4445	Pending	t2.micro

Select an instance