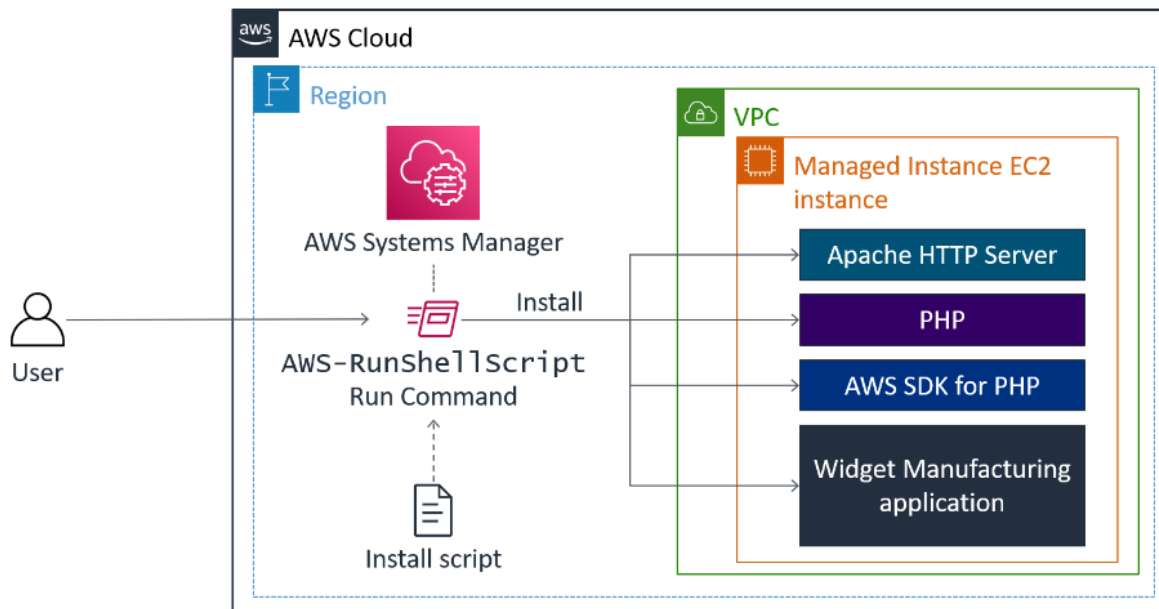
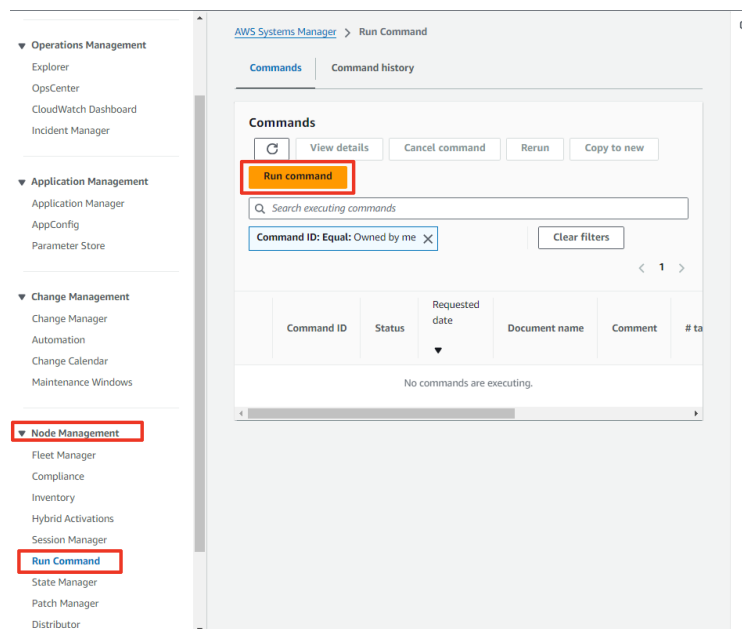


In this task, you install a custom web application ( **widget manufacturing dashboard** ) by using Run Command, a capability of system manager.



In the preceding diagram, Systems Manager installs an application on an EC2 instance within a virtual private cloud (VPC). It is installed by using Run Command. Run Command will run the "install script" and install the following: Apache web server, PHP, AWS SDK, and the web application. Once everything is installed, it also starts the web server.

In **Systems Manager** → **Node Management** → **Run Command** :



@MaayanAimelak

Choose the search icon in the box, and dropdown box appears. Choose **Owned by me** and a document appears. Select the document, leave the **Document version** on default

Run a command

**Command document**  
Select the type of command that you want to run.

Search by keyword or filter by tag or attributes

Owner: Owned by me X Clear filters

Name

c125631a31179458196044c1w078983933578-installDashboardApp-7Acqazveudi

Description  
Install Dashboard App

Document version  
Choose the document version you want to run.  
1 (Default)

**Command parameters**

**Target selection**

The following information appears for this document:

- Description Install Dashboard App
- Document version: 1 (Default)

In **Target selection**, choose instances manually. In **instances**, select **Managed Instance**:

**Target selection**

Target selection  
Choose a method for selecting targets.

☐ Specify instance tags  
Specify one or more tag key-value pairs to select instances that share those tags.

☒ Choose instances manually  
Manually select the instances you want to register as targets.

☐ Choose a resource group  
Choose a resource group that includes the resources you want to target.

i-030ef87df977a1fce X

**Instances**

<input checked="" type="checkbox"/>	Name	Instance ID	Instance state
<input checked="" type="checkbox"/>	Managed Instance	i-030ef87df977a1fce	running

**Other parameters**

Comment  
(Optional) Type a note about the command

The **Managed Instance** has the Systems Manager agent installed. The agent has registered the instance to the service, which allows it to be selected for Run Command.

@MayanAimelak

In the **Output options** section, clear **Enable an S3 bucket**:

▼ Operations Management

- Explorer
- OpsCenter
- CloudWatch Dashboard
- Incident Manager

▼ Application Management

- Application Manager
- AppConfig
- Parameter Store

▼ Change Management

► Rate control

▼ Output options

Write command output to an Amazon S3 bucket  
Write all command output to an Amazon S3 bucket. Command output in the console is truncated after 24,000 characters.

☐ Enable an S3 bucket

Send command output to Amazon CloudWatch logs  
You can stream and encrypt log data for all commands in your account to a CloudWatch Logs log group in your account. [Learn more](#)

☐ Enable CloudWatch logs

Expand the **AWS command line interface command** section. Then choose **Run**:

▼ Operations Management

- Explorer
- OpsCenter
- CloudWatch Dashboard
- Incident Manager

▼ Application Management

- Application Manager
- AppConfig
- Parameter Store

▼ Change Management

- Change Manager
- Automation
- Change Calendar
- Maintenance Windows

▼ Node Management

- Fleet Manager
- Compliance
- Inventory
- Hybrid Activations
- Session Manager
- Run Command**
- State Manager
- Patch Manager
- Distributor

Choose alarm

Continue command if alarm status is unavailable  
If Run Command is unable to retrieve information about the state of your CloudWatch alarm, the command continues to run.

► SNS notifications

▼ AWS command line interface command

You can perform the same actions on this page by using the AWS Command Line Interface (CLI) tools. [Learn more about the AWS CLI tools](#)

Platform  
Choose the platform from which you'll be running this command. The command parameters may be specified differently depending on the platform. [Learn more about specifying parameter values](#)

Linux/Unix/OS X

CLI command  
If you're using the AWS CLI tools, you can copy and paste this command - which includes the parameters you specified on this page - into your command line prompt or terminal. [Learn more about the available AWS CLI commands](#)

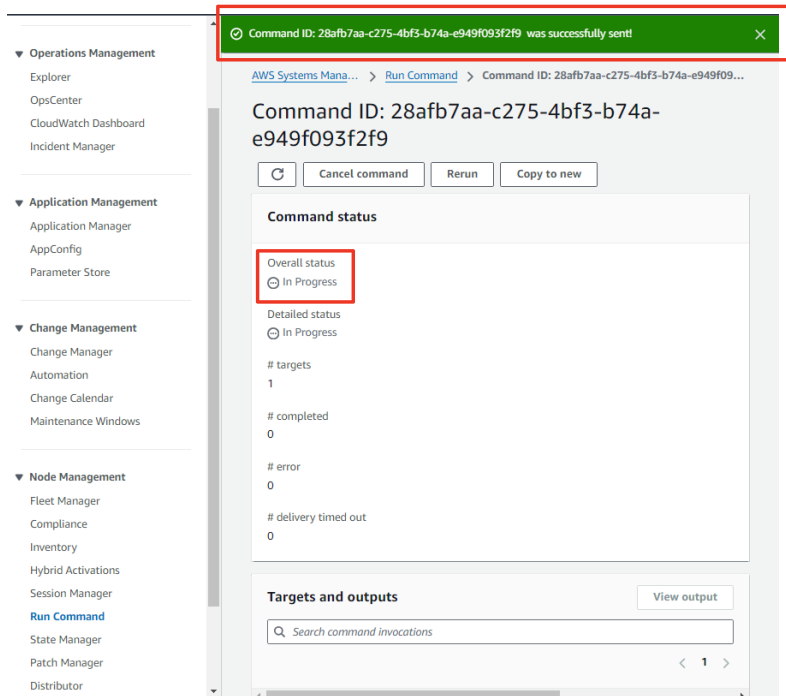
```
aws ssm send-command --document-name "c125631a311794518196044t1w078983933578-InstallDashboardApp-7Acgaziyeuda" --document-version "1" --targets '[{"Key": "InstanceIds", "Values": [{"i-030ef87df977a1fce"}]]' --parameters '[]' --timeout-seconds 600 --max-concurrency "50" --max-errors "0" --region us-west-2
```

Cancel Run

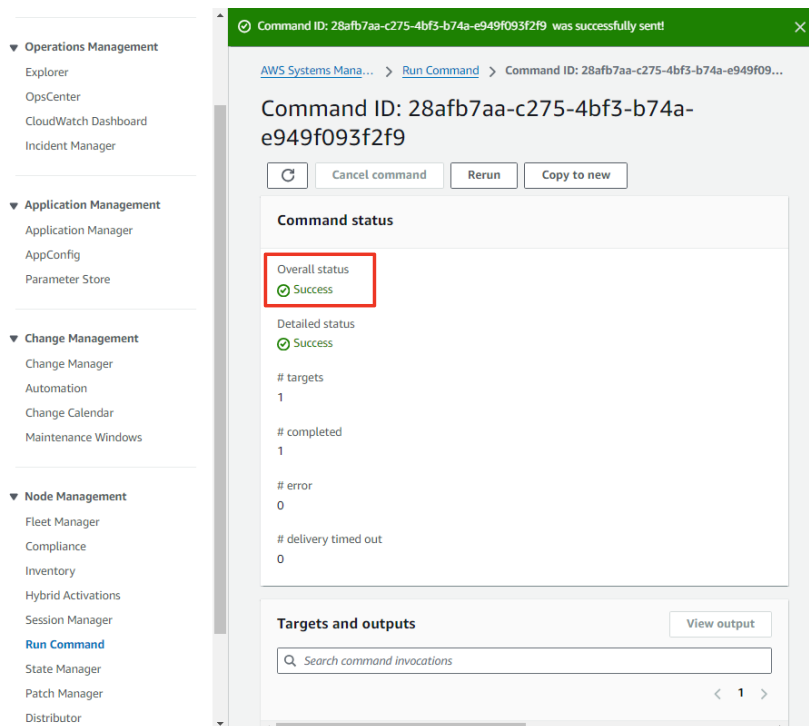
This section displays the command line interface (CLI) command that initiates Run Command. You can copy this command and use it in the future within a script rather than having to use the AWS Management Console.

@MaayanAimelak

A banner with **Command ID** indicates that it was successfully sent on the Command ID page.



After 2 minutes, that **Overall status** should change to Success:



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In the lab console, choose the **Details** dropdown list and choose **Show**. Copy the **ServerIP** value:

Credentials

Cloud Access

AWS CLI:

Show

Cloud Labs

Remaining session time: 02:37:33(158 minutes)  
Session started at: 2024-10-30T14:22:41-0700  
Session to end at: 2024-10-30T17:22:41-0700

Accumulated lab time: 00:22:00 (22 minutes)

ips -- public:34.222.26.215, private:10.0.0.188

SSH key

Show

Download PEM

Download PPK

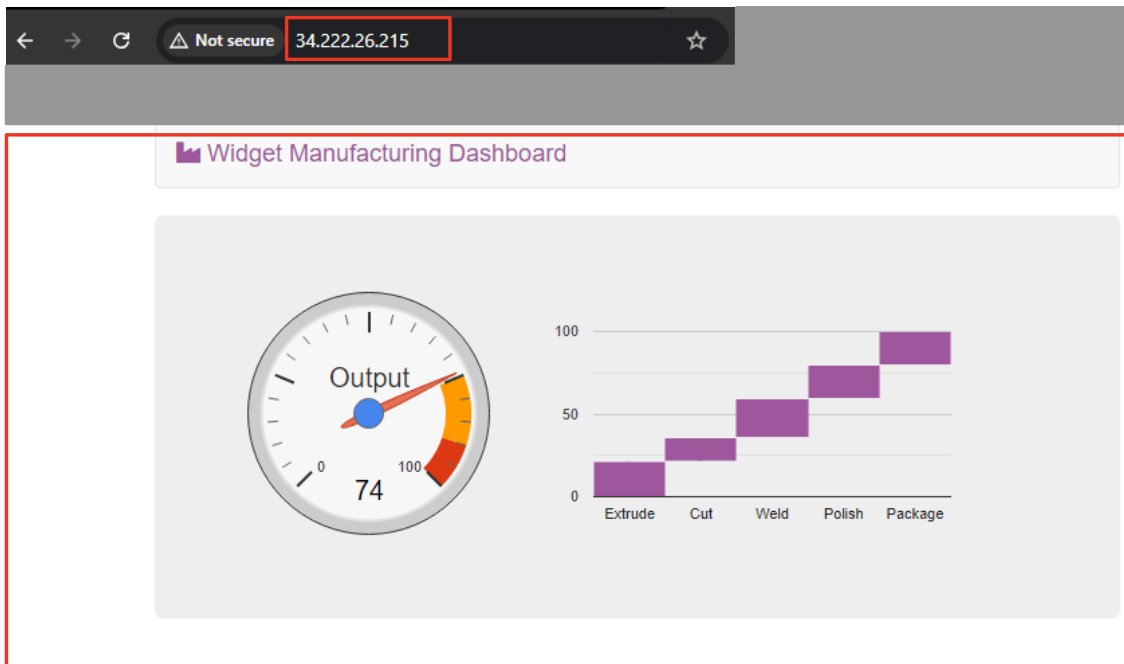
AWS SSO

Download URL

ServerIP

34.222.26.215

Paste the **ServerIP** to a new web browser tab:



The **widget manufacturing dashboard** that you installed appears.

End of Task 2!

@MayanAimelak