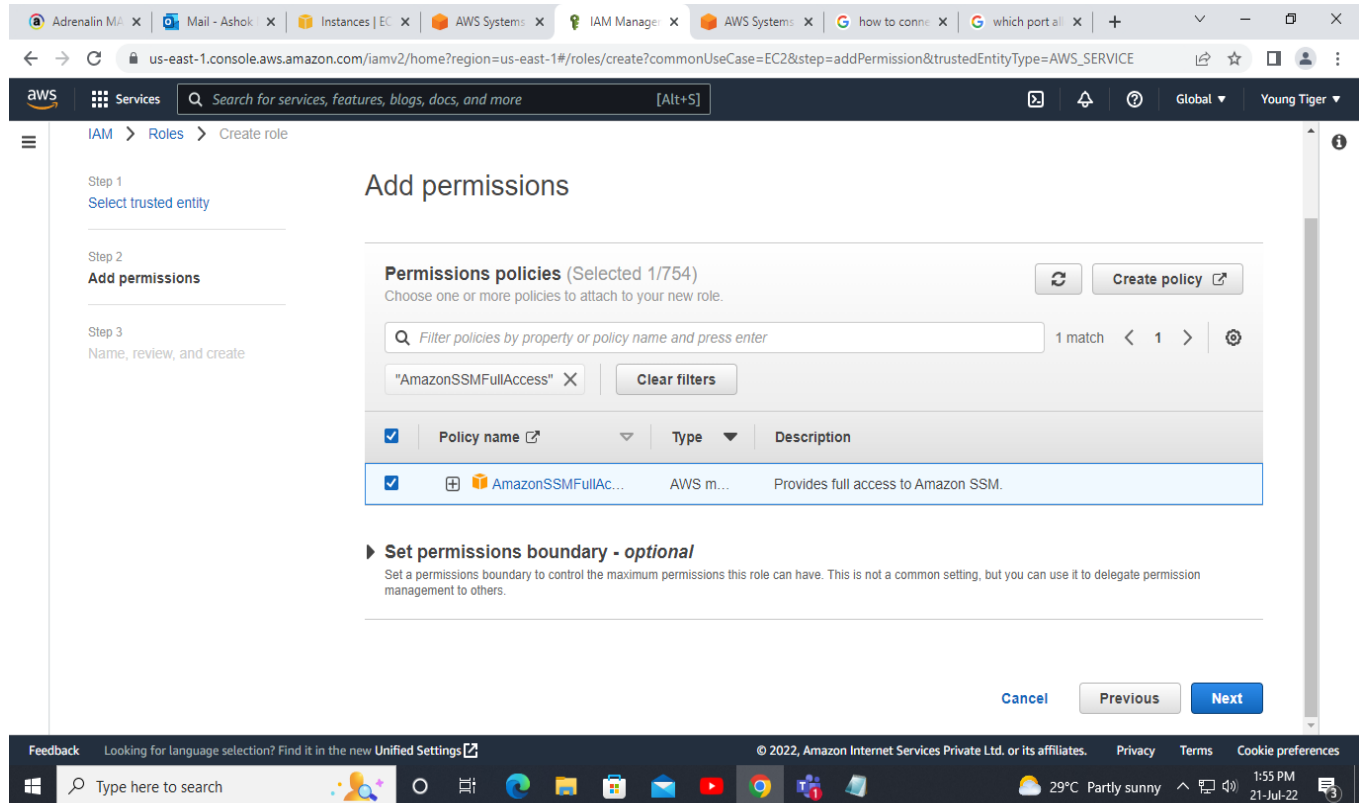


AWS EC2 Connect without SSH

1.Create IAM Role and assign SSM Full Access to that Role



2.After completing the creating role then Launch EC2 instance.

Adrenalin M... Mail - Ashok... Instances | EC... AWS Systems... IAM Manager... Launch inst... how to conn... which port all... +

ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:

Services Search for services, features, blogs, docs, and more [Alt+S]

Mumbai Young Tiger

This launch experience will soon be reaching end of life
We've introduced a new launch experience with new and updated features. You can opt in now by choosing **Opt in to the new experience**. Currently, you can opt out to the old experience at any time. Please send us your feedback about the new experience so that we can continue to improve it.

Opt in to the new experience

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 1: Choose an Amazon Machine Image (AMI)

Cancel and Exit

Amazon RDS
database management tasks. With RDS, you can easily deploy **Amazon Aurora**, **MariaDB**, **MySQL**, **Oracle**, **PostgreSQL**, and **SQL Server** databases on AWS. **Aurora** is a MySQL- and PostgreSQL-compatible, enterprise-class database at 1/10th the cost of commercial databases.
[Learn more about RDS](#)
Launch a database using RDS

Red Hat
Free tier eligible
Red Hat Enterprise Linux 8 (HVM), SSD Volume Type - ami-05c8ca4485f8b138a (64-bit x86) / ami-079fd9955144c3788 **Select**
(64-bit Arm)
Red Hat Enterprise Linux version 8 (HVM), EBS General Purpose (SSD) Volume Type
Root device type: ebs Virtualization type: hvm ENA Enabled: Yes
☒ 64-bit (x86)
☐ 64-bit (Arm)

Red Hat Enterprise Linux 8 with High Availability - ami-05102cba58d91b74a **Select**
Red Hat Enterprise Linux version 8 with High Availability (HVM), EBS General Purpose (SSD) Volume Type
64-bit (x86)

Feedback Looking for language selection? Find it in the new [Unified Settings](#)

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Type here to search

29°C Partly sunny 1:57 PM 21-Jul-22

3.Assign IAM role to ec2 instance and install SSM Agent into that instance so we need to enter the user data

Adrenalin M... Mail - Ashok... Instances | EC... AWS Systems... IAM Manager... Launch inst... How To Instal... which port all... +

ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:

Services Search for services, features, blogs, docs, and more [Alt+S]

Mumbai Young Tiger

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 3: Configure Instance Details

IAM role [Create new IAM role](#)

Shutdown behavior

Stop - Hibernate behavior ☐ Enable hibernation as an additional stop behavior

Enable termination protection ☐ Protect against accidental termination

Enable stop protection ☐ Protect against accidental stoppage

Monitoring ☐ Enable CloudWatch detailed monitoring
[Additional charges apply.](#)

Tenancy
[Additional charges will apply for dedicated tenancy.](#)

Credit specification ☐ Unlimited
[Additional charges may apply](#)

File systems [Add file system](#) [Create new file system](#)

Advanced Details

Enclave ☐ Enable

Metadata accessible

Metadata version

Metadata token response hop limit

Allow tags in metadata

User data ☒ As text ☐ As file ☐ Input is already base64 encoded

```
#/bin/bash
sudo yum install -y https://s3.amazonaws.com/ec2-downloads-windows/SSMAgent/latest/linux_amd64/amazon-ssm-agent.rpm
sudo systemctl enable amazon-ssm-agent
sudo systemctl start amazon-ssm-agent
```

Cancel Previous Review and Launch Next: Add Storage

Feedback Looking for language selection? Find it in the new [Unified Settings](#)

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Type here to search

29°C Partly sunny 2:01 PM 21-Jul-22

4. While Creating EC2 Instance Removing the SSH port and Allowing HTTP port

Step 6: Configure Security Group

A security group is a set of firewall rules that control the traffic for your instance. On this page, you can add rules to allow specific traffic to reach your instance. For example, if you want to set up a web server and allow Internet traffic to reach your instance, add rules that allow unrestricted access to the HTTP and HTTPS ports. You can create a new security group or select from an existing one below. [Learn more](#) about Amazon EC2 security groups.

Assign a security group: ☒ Create a new security group ☐ Select an existing security group

Security group name:

Description:

Type	Protocol	Port Range	Source	Description
HTTP	TCP	80	Custom 0.0.0.0/0	e.g. SSH for Admin Desktop

Add Rule

Warning
You will not be able to connect to this instance as the AMI requires port(s) 22 to be open in order to have access. Your current security group doesn't have port(s) 22 open.

Cancel Previous **Review and Launch**

5. After Launch the Instance Create System Manager and register EC2 In the System Manager so select Host Management and Click on Create

Quick Setup

Configuration types

Q ec2 2 matches

Host Management
Powered by Systems Manager

Configuration status
No configurations

Description
Configures IAM roles and enables commonly used Systems Manager capabilities to securely manage your Amazon EC2 instances.

Create

Distributor
Powered by Systems Manager

Configuration status
No configurations

Description
Enables distribution of software packages, such as agents, to your Amazon EC2 instances.

Create

6.Wait untill it showing like as follows

The screenshot displays the AWS Systems Manager console. On the left is a navigation sidebar with sections: Quick Setup, Operations Management (Explorer, OpsCenter, CloudWatch Dashboard, Incident Manager), Application Management (Application Manager, AppConfig, Parameter Store), and Change Management (Change Manager, Automation, Change Calendar, Maintenance Windows). The main content area is titled 'Filter by' and includes filters for Regions, Deployment status, and Association status. Below the filters are two summary cards: 'Configuration deployment status' showing 1 total (1 Success, 0 Failed, 0 Pending) and 'Configuration association status' showing 5 total (5 Success, 0 Failed, 0 Pending). A 'Configuration details' section below these cards shows a table of configurations. The table has columns for Account, Region, Configuration deployment status, Configuration status, and Drift status. One configuration is listed with Account 211006100646, Region ap-south-1, and Status Success. The bottom of the console shows a footer with copyright information and links to Privacy, Terms, and Cookie preferences.

Account	Region	Configuration deployment status	Configuration status	Drift status
211006100646	ap-south-1	Success	5 Success	None

7.Goto EC2 and Select the instance and Click on Connect --->Select Session Manager

The screenshot shows the AWS Management Console with the 'Connect to instance' dialog open. The dialog has tabs for 'EC2 Instance Connect', 'Session Manager' (which is selected), 'SSH client', and 'EC2 serial console'. Under the 'Session Manager' tab, there is a section titled 'Session Manager usage:' with a list of bullet points: 'Connect to your instance without SSH keys or a bastion host.', 'Sessions are secured using an AWS Key Management Service key.', 'You can log session commands and details in an Amazon S3 bucket or CloudWatch Logs log group.', and 'Configure sessions on the Session Manager Preferences page.' At the bottom of the dialog are 'Cancel' and 'Connect' buttons. The background shows the EC2 console interface with the breadcrumb 'EC2 > Instances > i-016cdbf681f7d0bfe > Connect to instance'. The top of the browser window shows multiple open tabs including 'Adrenalin MAX', 'Mail - Ashok Mail', 'Connect to instar', 'AWS Systems Ma', 'IAM Managemen', 'EC2 Managemen', and 'which port allow'. The bottom of the screen shows a Windows taskbar with the search bar, task view button, and several application icons. The system tray shows the date and time as 2:08 PM on 21-Jul-22.

8. In 7th Step Click on Connect And its connected to the terminal

