Advanced DevOps Experiment-2

Sanket More
D15A 30

Aim: Using AWS CodePipeline, deploy Sample Application on Elastic BeanStalk using AWS CodeDeploy.

Theory:-

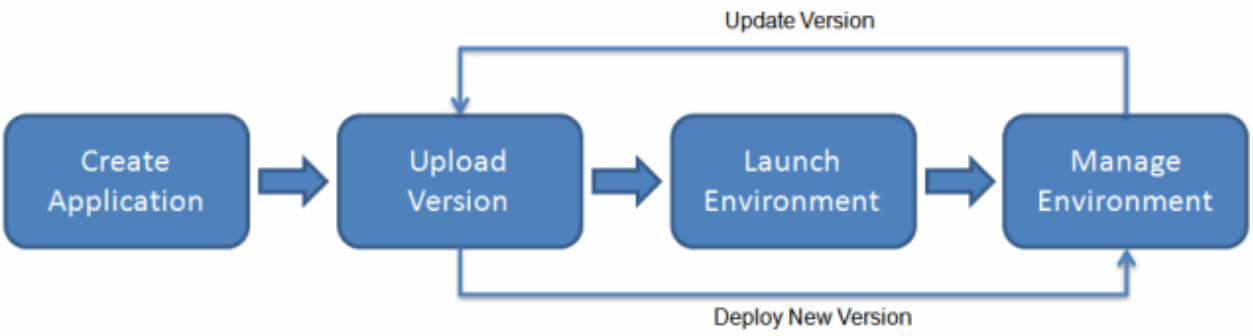
With Elastic Beanstalk you can quickly deploy and manage applications in the AWS Cloud without having to learn about the infrastructure that runs those applications. Amazon Web Services (AWS) comprises over one hundred services, each of which exposes an area of functionality. While the variety of services offers flexibility for how you want to manage your AWS infrastructure, it can be challenging to figure out which services to use and how to provision them. Elastic Beanstalk reduces management complexity without restricting choice or control. You simply upload your application, and Elastic Beanstalk automatically handles the details of capacity provisioning, load balancing, scaling, and application health monitoring.

Elastic Beanstalk supports applications developed in Go, Java, .NET, Node.js, PHP, Python, and Ruby. Elastic Beanstalk also supports Docker platforms. With Docker containers you can choose your own programming language and application dependencies that may not be supported by the other Elastic Beanstalk platforms. When you deploy your application, Elastic Beanstalk builds the selected supported platform version and provisions one or more AWS resources, such as Amazon EC2 instances, to run your application.

You can interact with Elastic Beanstalk by using the Elastic Beanstalk console, the AWS Command Line Interface (AWS CLI), or eb, a high-level CLI designed specifically for Elastic Beanstalk.

You can also perform most deployment tasks, such as changing the size of your fleet of Amazon EC2 instances or monitoring your application, directly from the Elastic Beanstalk web interface (console). To use Elastic Beanstalk, you create an application, upload an application version in the form of an application source bundle (for example, a Java .war file) to Elastic Beanstalk, and then provide some information about the application. Elastic Beanstalk automatically launches an environment and creates and configures the AWS resources needed to run your code. After

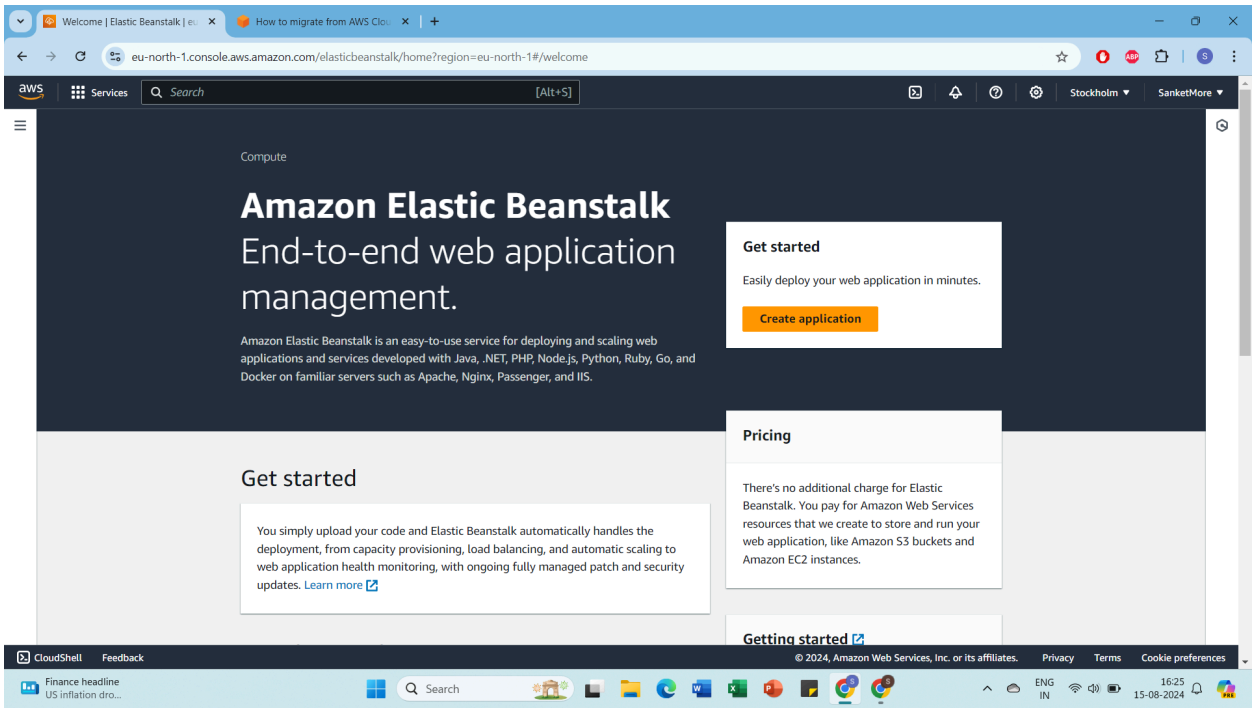
your environment is launched, you can then manage your environment and deploy new application versions. The following diagram illustrates the workflow of Elastic Beanstalk.

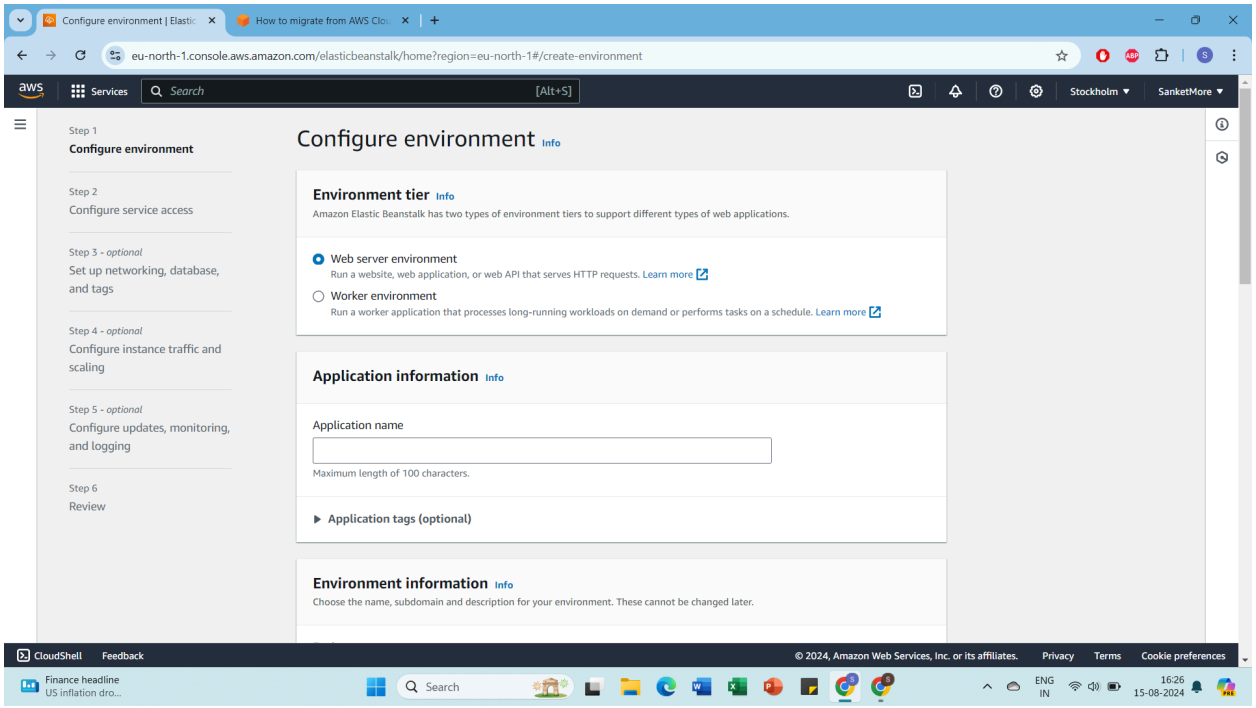


After you create and deploy your application, information about the application—including metrics, events, and environment status—is available through the Elastic Beanstalk console, APIs, or Command Line Interfaces, including the unified AWS CLI.

Implementation:-

Deploying basic web page on Elastic Beanstalk




Configure environment | Elastic
How to migrate from AWS Clou
eu-north-1.console.aws.amazon.com/elasticbeanstalk/home?region=eu-north-1#/create-environment
Services
Search
[Alt+S]
Stockholm
SanketMore
Step 1
Configure environment
Step 2
Configure service access
Step 3 - optional
Set up networking, database, and tags
Step 4 - optional
Configure instance traffic and scaling
Step 5 - optional
Configure updates, monitoring, and logging
Step 6
Review
Configure environment Info
Environment tier Info
Amazon Elastic Beanstalk has two types of environment tiers to support different types of web applications.
Web server environment
Run a website, web application, or web API that serves HTTP requests. Learn more
Worker environment
Run a worker application that processes long-running workloads on demand or performs tasks on a schedule. Learn more
Application information Info
Application name
Maximum length of 100 characters.
Application tags (optional)
Environment information Info
Choose the name, subdomain and description for your environment. These cannot be changed later.
CloudShell
Feedback
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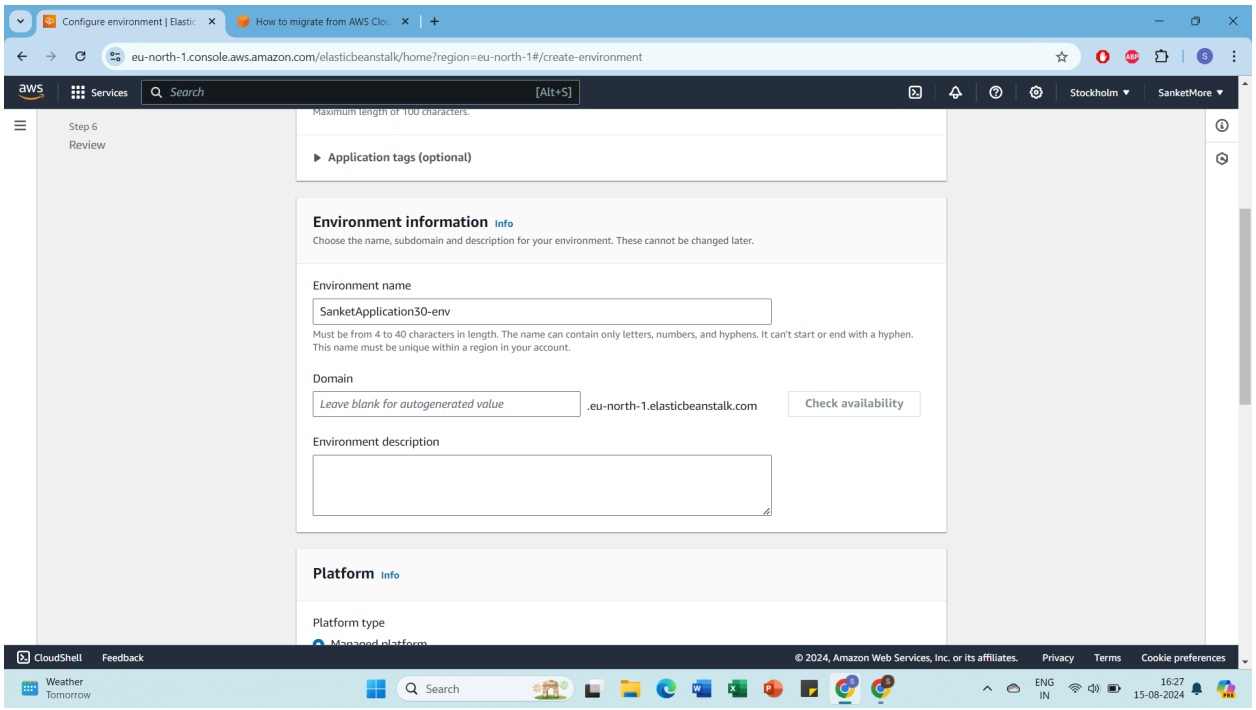
Privacy
Terms
Cookie preferences
Finance headline
US inflation dro...
Search
ENG
IN
16:26
15-08-2024


Configure environment | Elastic
How to migrate from AWS Clou
eu-north-1.console.aws.amazon.com/elasticbeanstalk/home?region=eu-north-1#/create-environment
Services
Search
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Stockholm
SanketMore
Step 6
Review
Application tags (optional)
Environment information Info
Choose the name, subdomain and description for your environment. These cannot be changed later.
Environment name
SanketApplication30-env
Must be from 4 to 40 characters in length. The name can contain only letters, numbers, and hyphens. It can't start or end with a hyphen. This name must be unique within a region in your account.
Domain
Leave blank for autogenerated value
.eu-north-1.elasticbeanstalk.com
Check availability
Environment description
Platform Info
Platform type
CloudShell
Feedback
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Privacy
Terms
Cookie preferences
Weather
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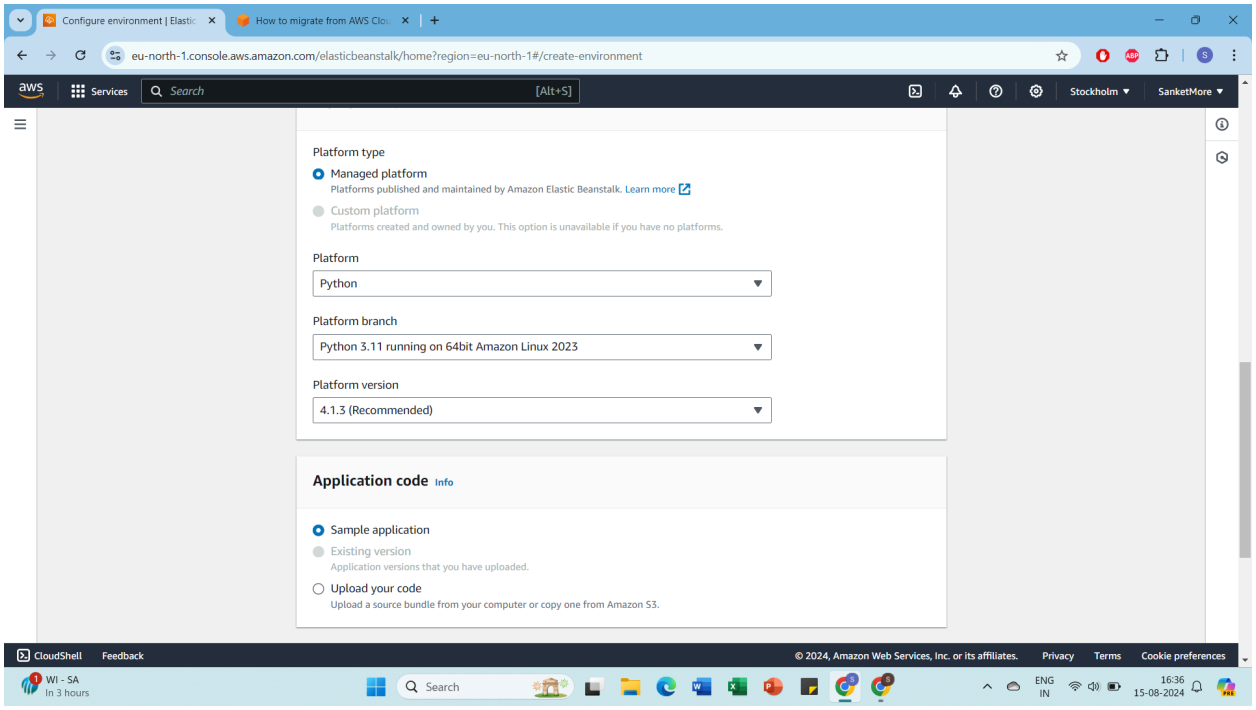
16:27
15-08-2024


Configure environment | Elastic
How to migrate from AWS Clou
eu-north-1.console.aws.amazon.com/elasticbeanstalk/home?region=eu-north-1#/create-environment
Services
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Platform type
Managed platform
Platforms published and maintained by Amazon Elastic Beanstalk. Learn more
Custom platform
Platforms created and owned by you. This option is unavailable if you have no platforms.
Platform
Python
Platform branch
Python 3.11 running on 64bit Amazon Linux 2023
Platform version
4.1.3 (Recommended)
Application code Info
Sample application
Existing version
Application versions that you have uploaded.
Upload your code
Upload a source bundle from your computer or copy one from Amazon S3.
CloudShell
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WI - SA
In 3 hours
Search
ENG
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16:36
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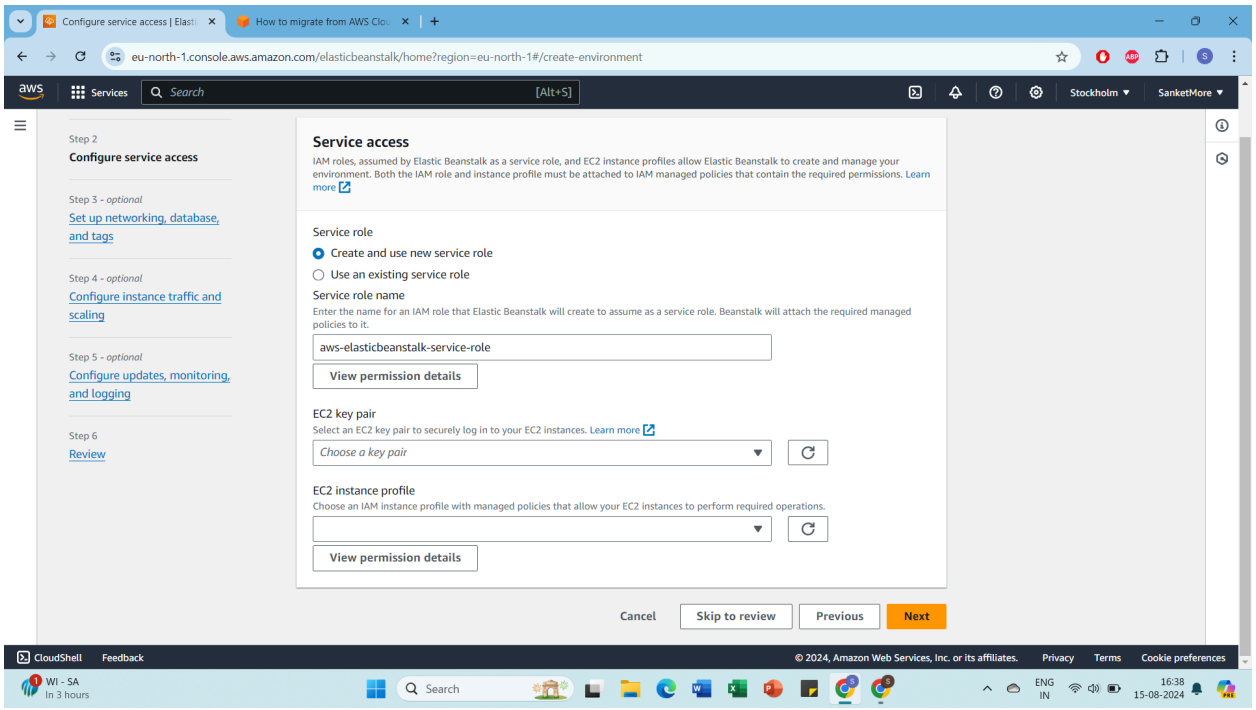
Configure service access | Elasti
How to migrate from AWS Clou
eu-north-1.console.aws.amazon.com/elasticbeanstalk/home?region=eu-north-1#/create-environment
Services
Search
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Stockholm
SanketMore
Step 2
Configure service access
Step 3 - optional
Set up networking, database, and tags
Step 4 - optional
Configure instance traffic and scaling
Step 5 - optional
Configure updates, monitoring, and logging
Step 6
Review
Service access
IAM roles, assumed by Elastic Beanstalk as a service role, and EC2 instance profiles allow Elastic Beanstalk to create and manage your environment. Both the IAM role and instance profile must be attached to IAM managed policies that contain the required permissions. Learn more
Service role
Create and use new service role
Use an existing service role
Service role name
Enter the name for an IAM role that Elastic Beanstalk will create to assume as a service role. Beanstalk will attach the required managed policies to it.
aws-elasticbeanstalk-service-role
View permission details
EC2 key pair
Select an EC2 key pair to securely log in to your EC2 instances. Learn more
Choose a key pair
EC2 instance profile
Choose an IAM instance profile with managed policies that allow your EC2 instances to perform required operations.
View permission details
Cancel
Skip to review
Previous
Next
CloudShell
Feedback
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Cookie preferences
WI - SA
In 3 hours
Search
ENG
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16:38
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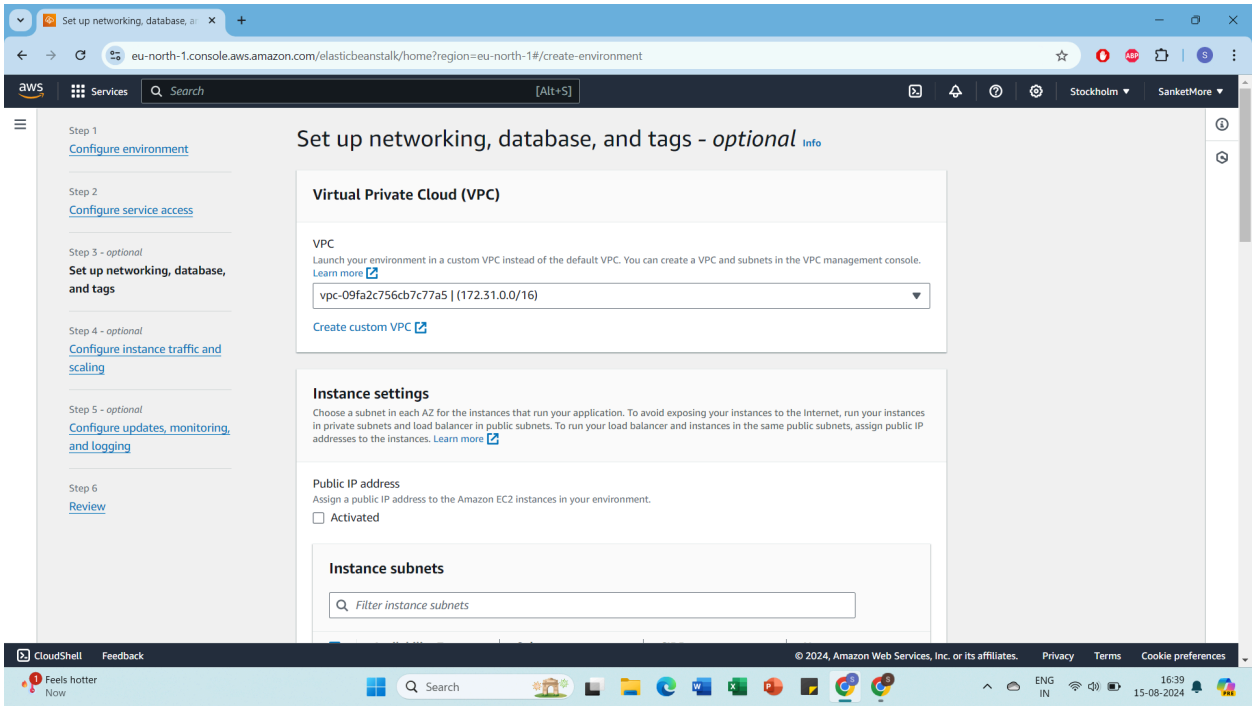
Set up networking, database, and tags - optional Info
Step 1
Configure environment
Step 2
Configure service access
Step 3 - optional
Set up networking, database, and tags
Step 4 - optional
Configure instance traffic and scaling
Step 5 - optional
Configure updates, monitoring, and logging
Step 6
Review
Virtual Private Cloud (VPC)
VPC
Launch your environment in a custom VPC instead of the default VPC. You can create a VPC and subnets in the VPC management console.
Learn more
vpc-09fa2c756cb7c77a5 | (172.31.0.0/16)
Create custom VPC
Instance settings
Choose a subnet in each AZ for the instances that run your application. To avoid exposing your instances to the Internet, run your instances in private subnets and load balancer in public subnets. To run your load balancer and instances in the same public subnets, assign public IP addresses to the instances. Learn more
Public IP address
Assign a public IP address to the Amazon EC2 instances in your environment.
Activated
Instance subnets
Filter instance subnets
CloudShell
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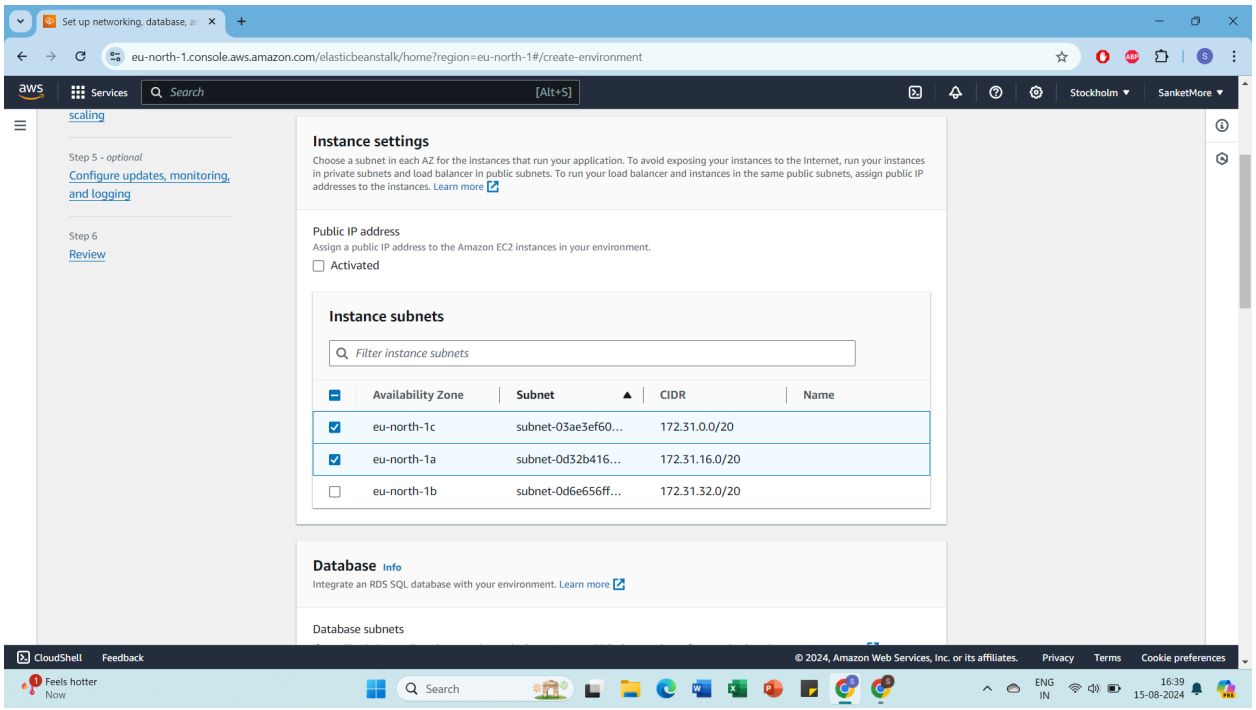
scaling
Step 5 - optional
Configure updates, monitoring, and logging
Step 6
Review
Instance settings
Choose a subnet in each AZ for the instances that run your application. To avoid exposing your instances to the Internet, run your instances in private subnets and load balancer in public subnets. To run your load balancer and instances in the same public subnets, assign public IP addresses to the instances. Learn more
Public IP address
Assign a public IP address to the Amazon EC2 instances in your environment.
Activated
Instance subnets
Filter instance subnets
Availability Zone
Subnet
CIDR
Name
eu-north-1c
subnet-03ae3ef60...
172.31.0.0/20
eu-north-1a
subnet-0d32b416...
172.31.16.0/20
eu-north-1b
subnet-0d6e656ff...
172.31.32.0/20
Database Info
Integrate an RDS SQL database with your environment. Learn more
Database subnets
CloudShell
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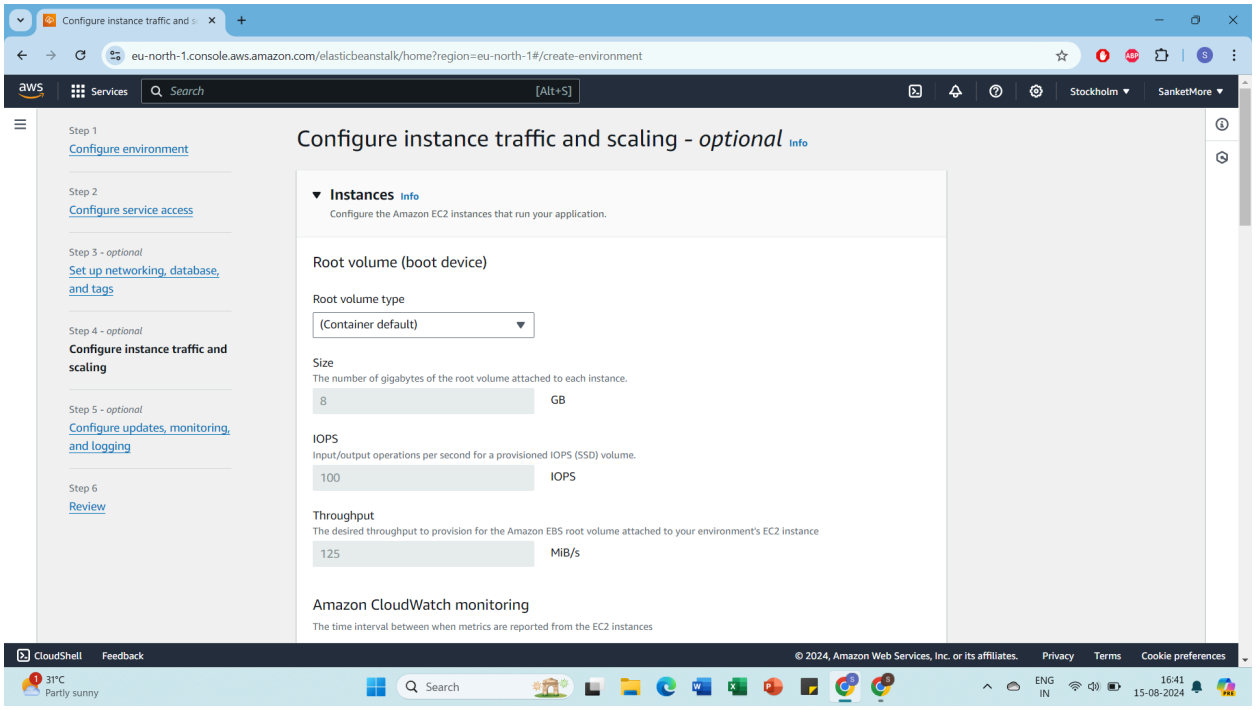
Configure instance traffic and scaling
eu-north-1.console.aws.amazon.com/elasticbeanstalk/home?region=eu-north-1#/create-environment
Services
Search
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Stockholm
SanketMore
Step 1
Configure environment
Step 2
Configure service access
Step 3 - optional
Set up networking, database, and tags
Step 4 - optional
Configure instance traffic and scaling
Step 5 - optional
Configure updates, monitoring, and logging
Step 6
Review
Configure instance traffic and scaling - optional Info
Instances Info
Configure the Amazon EC2 instances that run your application.
Root volume (boot device)
Root volume type
(Container default)
Size
The number of gigabytes of the root volume attached to each instance.
8
GB
IOPS
Input/output operations per second for a provisioned IOPS (SSD) volume.
100
IOPS
Throughput
The desired throughput to provision for the Amazon EBS root volume attached to your environment's EC2 instance
125
MiB/s
Amazon CloudWatch monitoring
The time interval between when metrics are reported from the EC2 instances
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31°C
Partly sunny
Search
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IN
16:41
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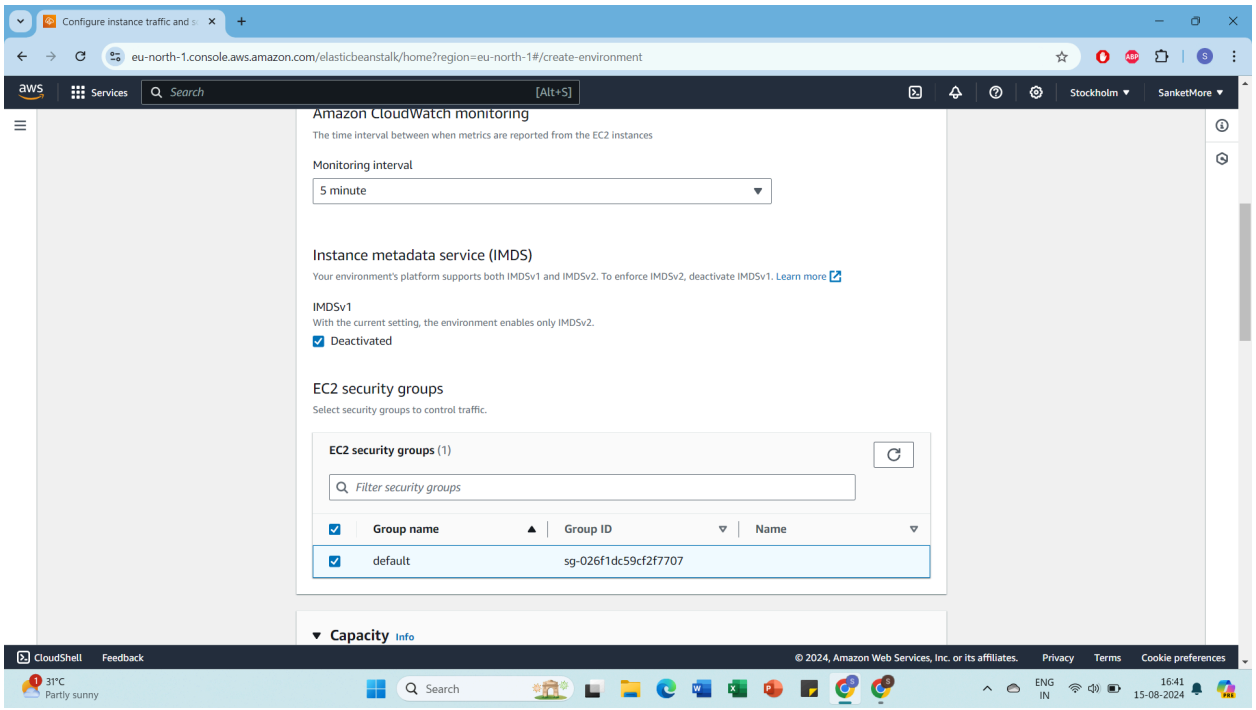
Configure instance traffic and scaling
eu-north-1.console.aws.amazon.com/elasticbeanstalk/home?region=eu-north-1#/create-environment
Services
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Amazon CloudWatch monitoring
The time interval between when metrics are reported from the EC2 instances
Monitoring interval
5 minute
Instance metadata service (IMDS)
Your environment's platform supports both IMDSv1 and IMDSv2. To enforce IMDSv2, deactivate IMDSv1. Learn more
IMDSv1
With the current setting, the environment enables only IMDSv2.
Deactivated
EC2 security groups
Select security groups to control traffic.
EC2 security groups (1)
Filter security groups
Group name
Group ID
Name
default
sg-026f1dc59cf2f7707
Capacity Info
CloudShell
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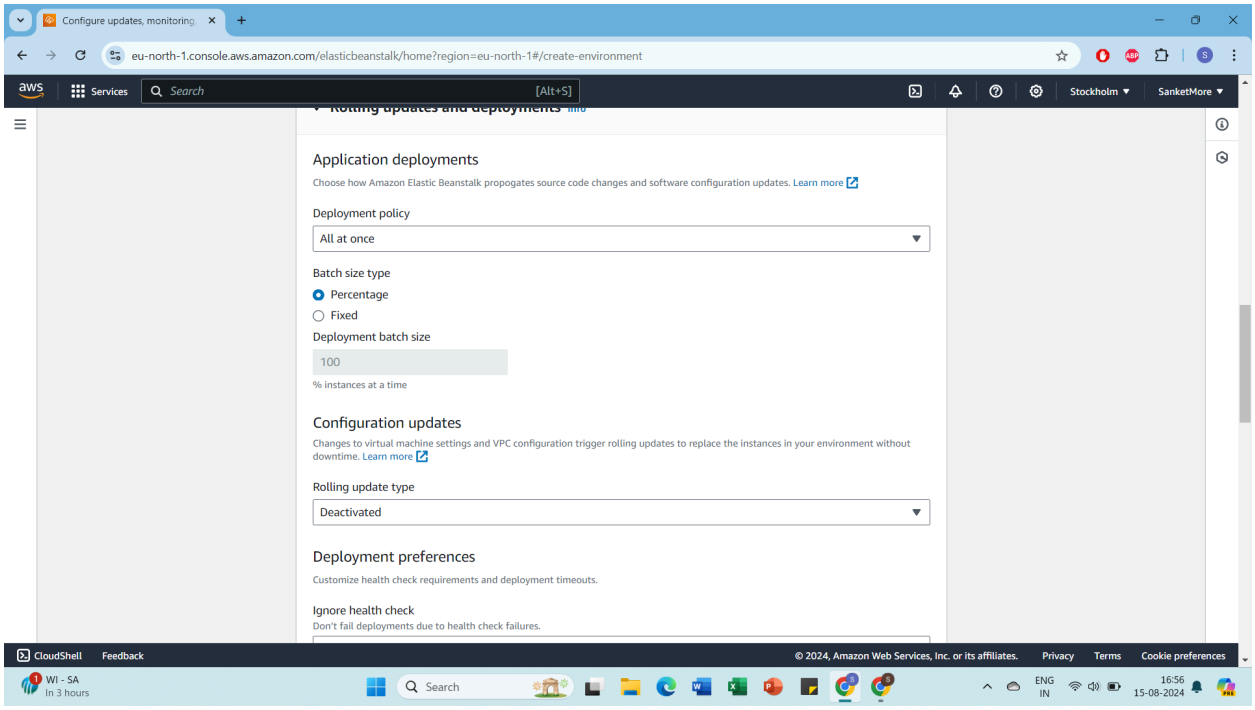
Configure updates, monitoring
eu-north-1.console.aws.amazon.com/elasticbeanstalk/home?region=eu-north-1#/create-environment
Services
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SanketMore
Application deployments
Choose how Amazon Elastic Beanstalk propogates source code changes and software configuration updates. Learn more
Deployment policy
All at once
Batch size type
Percentage
Fixed
Deployment batch size
100
% instances at a time
Configuration updates
Changes to virtual machine settings and VPC configuration trigger rolling updates to replace the instances in your environment without downtime. Learn more
Rolling update type
Deactivated
Deployment preferences
Customize health check requirements and deployment timeouts.
Ignore health check
Don't fail deployments due to health check failures.
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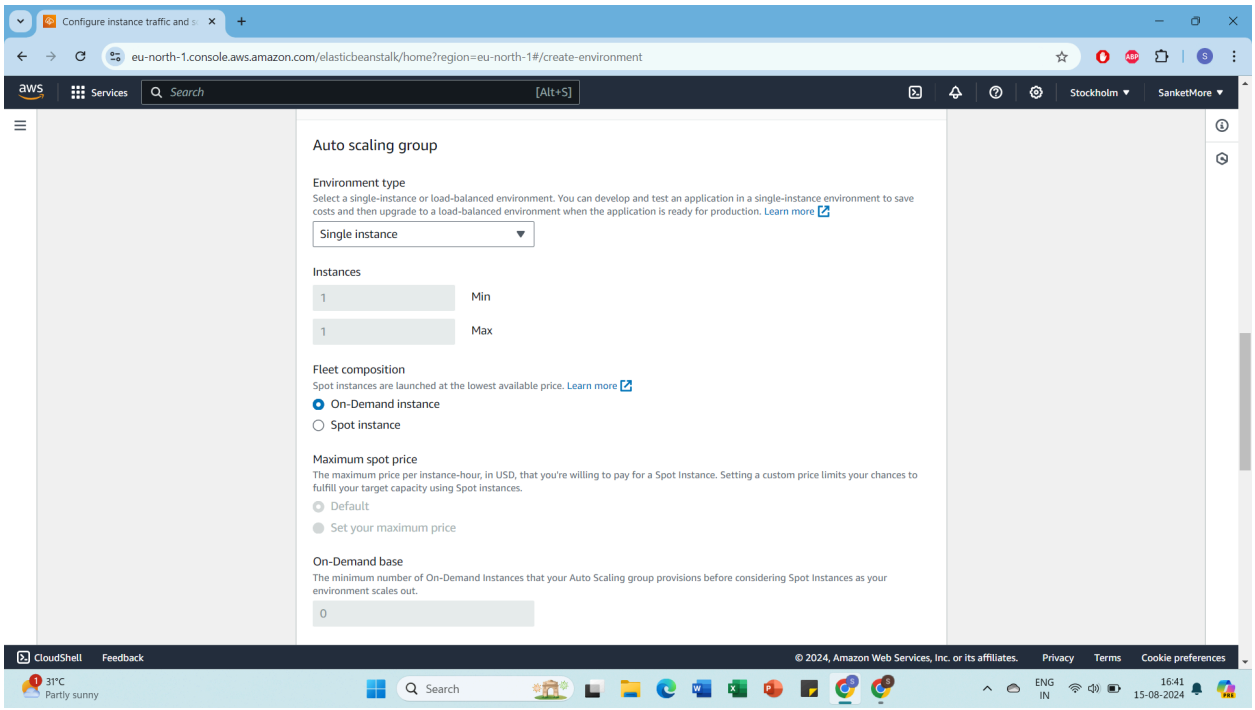
Configure instance traffic and s
eu-north-1.console.aws.amazon.com/elasticbeanstalk/home?region=eu-north-1#/create-environment
Services
Search
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Stockholm
SanketMore
Auto scaling group
Environment type
Select a single-instance or load-balanced environment. You can develop and test an application in a single-instance environment to save costs and then upgrade to a load-balanced environment when the application is ready for production. Learn more
Single instance
Instances
1
Min
1
Max
Fleet composition
Spot instances are launched at the lowest available price. Learn more
On-Demand instance
Spot instance
Maximum spot price
The maximum price per instance-hour, in USD, that you're willing to pay for a Spot Instance. Setting a custom price limits your chances to fulfill your target capacity using Spot instances.
Default
Set your maximum price
On-Demand base
The minimum number of On-Demand Instances that your Auto Scaling group provisions before considering Spot Instances as your environment scales out.
0
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Search
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16:41
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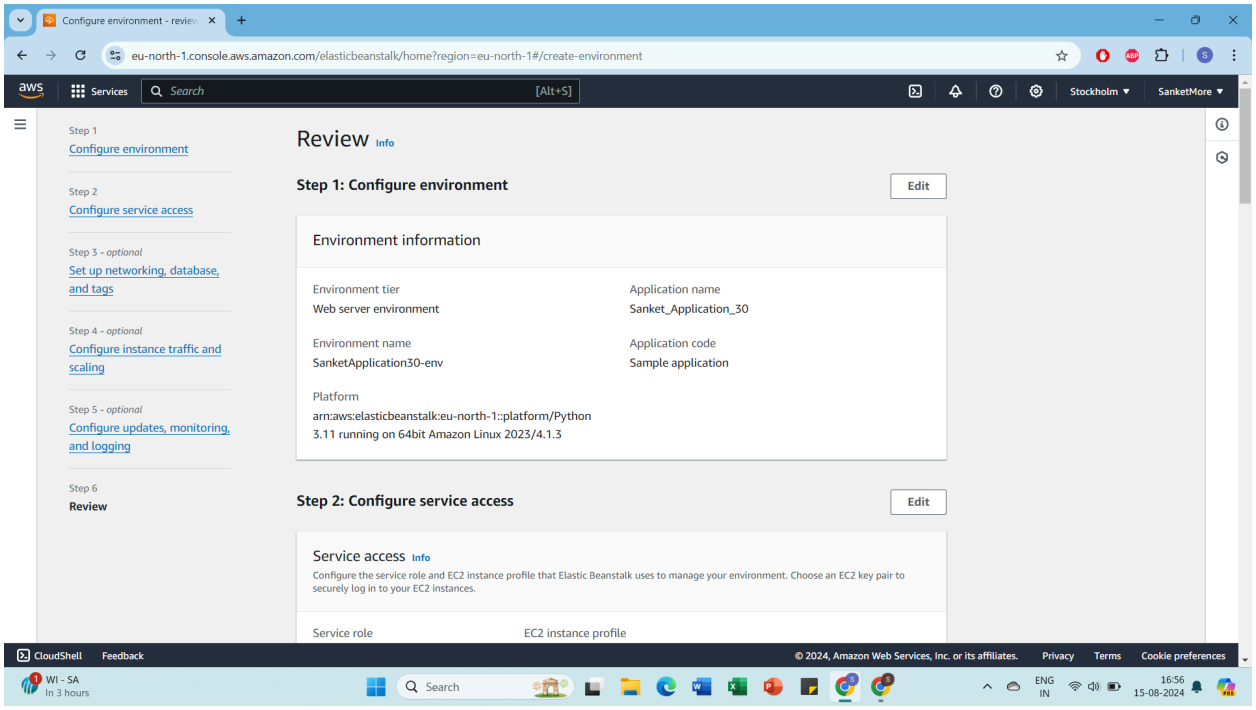
Configure environment - review
eu-north-1.console.aws.amazon.com/elasticbeanstalk/home?region=eu-north-1#/create-environment
Services
Search
[Alt+S]
Stockholm
SanketMore
Step 1
Configure environment
Step 2
Configure service access
Step 3 - optional
Set up networking, database, and tags
Step 4 - optional
Configure instance traffic and scaling
Step 5 - optional
Configure updates, monitoring, and logging
Step 6
Review
Review Info
Step 1: Configure environment
Edit
Environment information
Environment tier
Web server environment
Application name
Sanket_Application_30
Environment name
SanketApplication30-env
Application code
Sample application
Platform
arn:aws:elasticbeanstalk:eu-north-1::platform/Python 3.11 running on 64bit Amazon Linux 2023/4.1.3
Step 2: Configure service access
Edit
Service access Info
Configure the service role and EC2 instance profile that Elastic Beanstalk uses to manage your environment. Choose an EC2 key pair to securely log in to your EC2 instances.
Service role
EC2 instance profile
CloudShell
Feedback
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WI - SA
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Search
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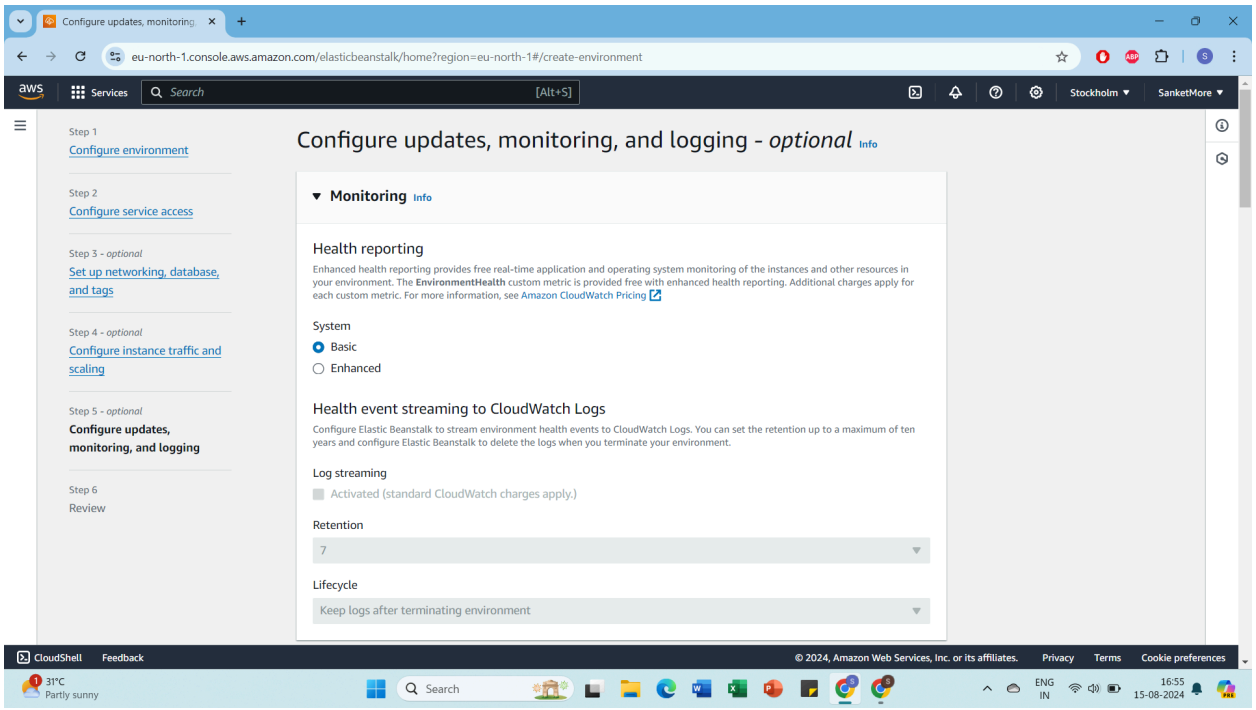
Configure updates, monitoring
eu-north-1.console.aws.amazon.com/elasticbeanstalk/home?region=eu-north-1#/create-environment
Services
Search
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Stockholm
SanketMore
Step 1
Configure environment
Step 2
Configure service access
Step 3 - optional
Set up networking, database, and tags
Step 4 - optional
Configure instance traffic and scaling
Step 5 - optional
Configure updates, monitoring, and logging
Step 6
Review
Configure updates, monitoring, and logging - optional Info
Monitoring Info
Health reporting
Enhanced health reporting provides free real-time application and operating system monitoring of the instances and other resources in your environment. The EnvironmentHealth custom metric is provided free with enhanced health reporting. Additional charges apply for each custom metric. For more information, see Amazon CloudWatch Pricing
System
Basic
Enhanced
Health event streaming to CloudWatch Logs
Configure Elastic Beanstalk to stream environment health events to CloudWatch Logs. You can set the retention up to a maximum of ten years and configure Elastic Beanstalk to delete the logs when you terminate your environment.
Log streaming
Activated (standard CloudWatch charges apply.)
Retention
7
Lifecycle
Keep logs after terminating environment
CloudShell
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Search
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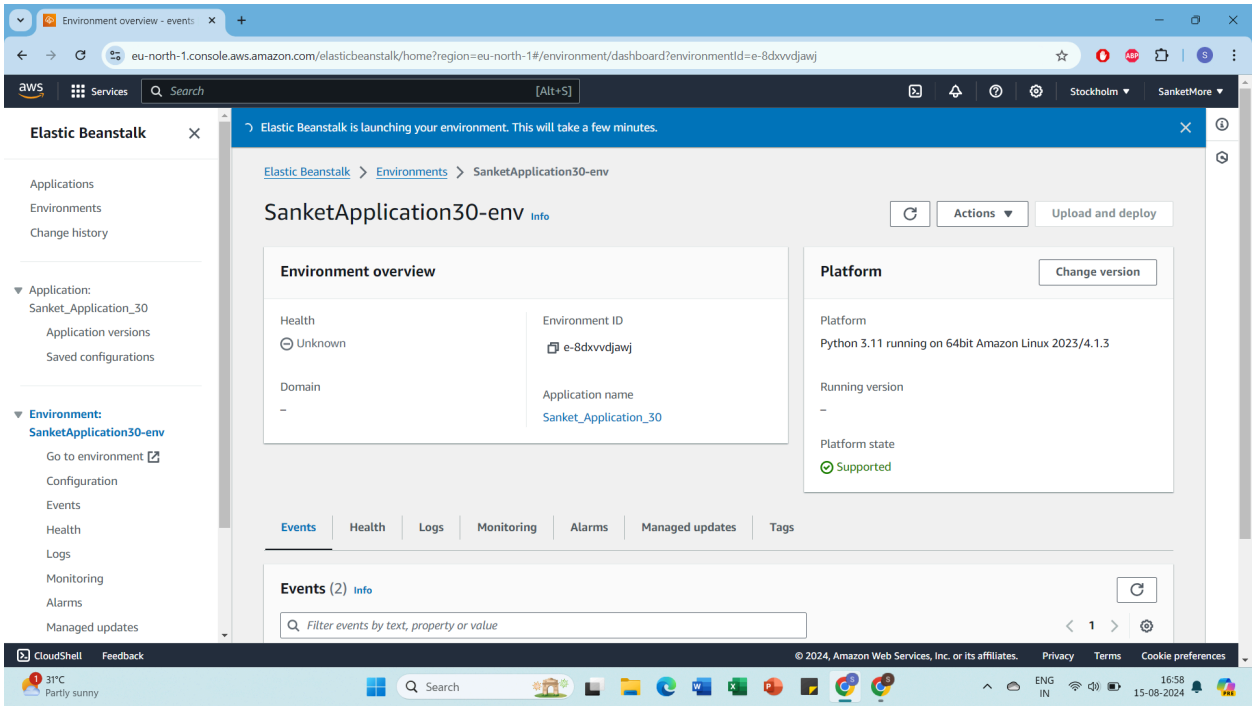
Environment overview - events
eu-north-1.console.aws.amazon.com/elasticbeanstalk/home?region=eu-north-1#/environment/dashboard?environmentId=e-8dxvvdjawj
Services
Search
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Stockholm
SanketMore
Elastic Beanstalk
Elastic Beanstalk is launching your environment. This will take a few minutes.
Applications
Environments
Change history
Application: Sanket_Application_30
Application versions
Saved configurations
Environment: SanketApplication30-env
Go to environment
Configuration
Events
Health
Logs
Monitoring
Alarms
Managed updates
Elastic Beanstalk > Environments > SanketApplication30-env
SanketApplication30-env Info
Actions
Upload and deploy
Environment overview
Health
Unknown
Environment ID
e-8dxvvdjawj
Domain
-
Application name
Sanket_Application_30
Platform
Change version
Platform
Python 3.11 running on 64bit Amazon Linux 2023/4.1.3
Running version
-
Platform state
Supported
Events
Health
Logs
Monitoring
Alarms
Managed updates
Tags
Events (2) Info
Filter events by text, property or value
CloudShell
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31°C
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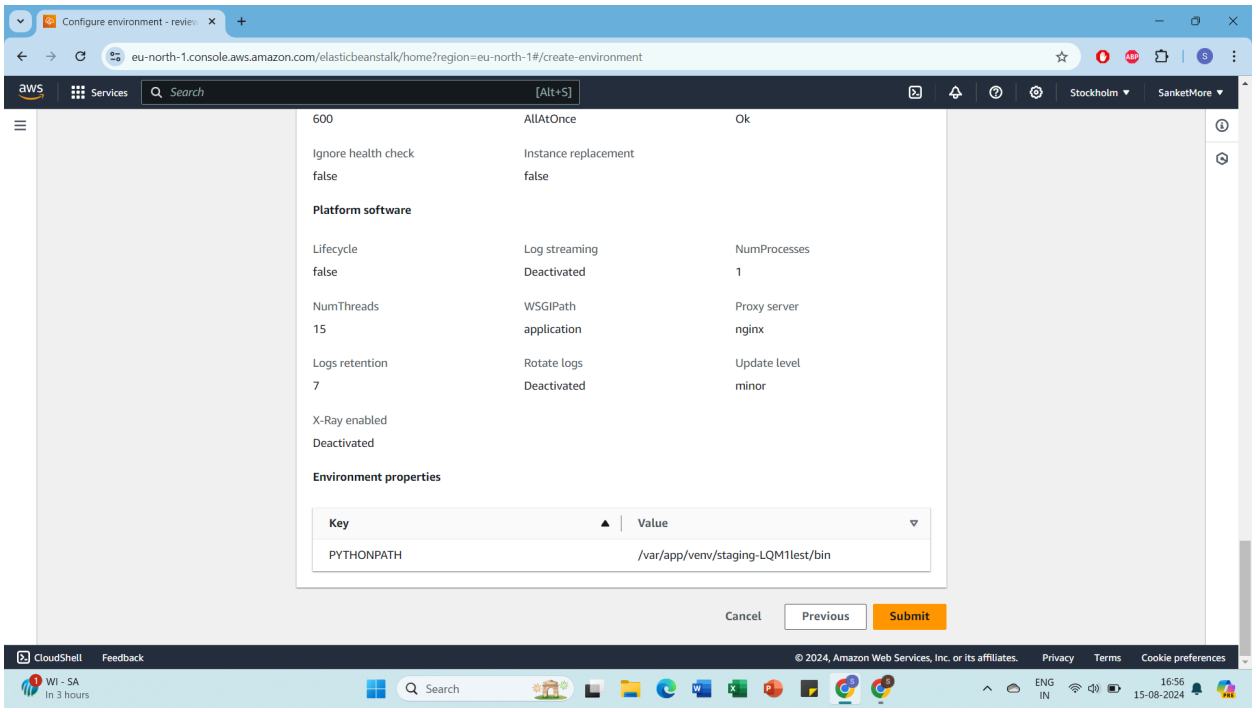
Configure environment - review
eu-north-1.console.aws.amazon.com/elasticbeanstalk/home?region=eu-north-1#/create-environment
600
AllAtOnce
Ok
Ignore health check
false
Instance replacement
false
Platform software
Lifecycle
false
Log streaming
Deactivated
NumProcesses
1
NumThreads
15
WSGIPath
application
Proxy server
nginx
Logs retention
7
Rotate logs
Deactivated
Update level
minor
X-Ray enabled
Deactivated
Environment properties
Key
Value
PYTHONPATH
/var/app/venv/staging-LQM1lest/bin
Cancel
Previous
Submit
CloudShell
Feedback
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Cookie preferences
WI - SA
In 3 hours
ENG
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16:56
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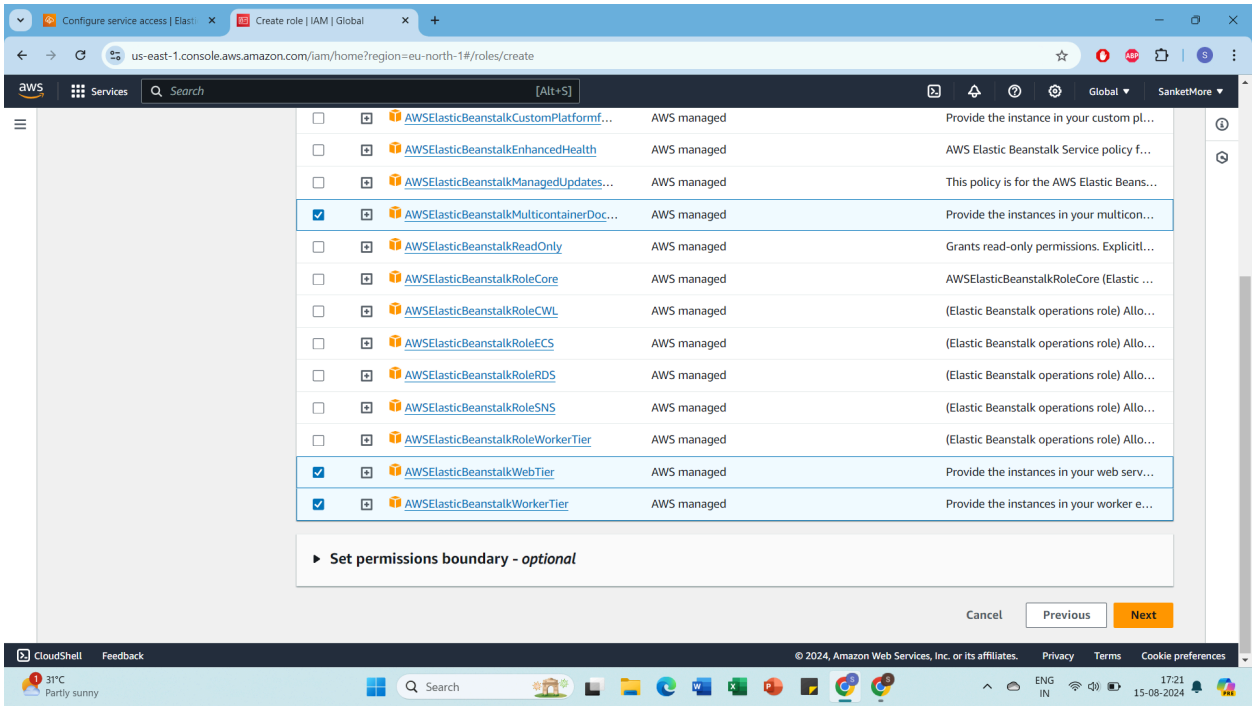
Configure service access | Elasti
Create role | IAM | Global
us-east-1.console.aws.amazon.com/iam/home?region=eu-north-1#/roles/create
Services
Search
[Alt+S]
Global
SanketMore
AWSElasticBeanstalkCustomPlatformf... AWS managed Provide the instance in your custom pl...
AWSElasticBeanstalkEnhancedHealth AWS managed AWS Elastic Beanstalk Service policy f...
AWSElasticBeanstalkManagedUpdates... AWS managed This policy is for the AWS Elastic Beans...
AWSElasticBeanstalkMulticontainerDoc... AWS managed Provide the instances in your multicon...
AWSElasticBeanstalkReadOnly AWS managed Grants read-only permissions. Explicitl...
AWSElasticBeanstalkRoleCore AWS managed AWSElasticBeanstalkRoleCore (Elastic ...
AWSElasticBeanstalkRoleCWL AWS managed (Elastic Beanstalk operations role) Allo...
AWSElasticBeanstalkRoleECS AWS managed (Elastic Beanstalk operations role) Allo...
AWSElasticBeanstalkRoleRDS AWS managed (Elastic Beanstalk operations role) Allo...
AWSElasticBeanstalkRoleSNS AWS managed (Elastic Beanstalk operations role) Allo...
AWSElasticBeanstalkRoleWorkerTier AWS managed (Elastic Beanstalk operations role) Allo...
AWSElasticBeanstalkWebTier AWS managed Provide the instances in your web serv...
AWSElasticBeanstalkWorkerTier AWS managed Provide the instances in your worker e...
Set permissions boundary - optional
Cancel
Previous
Next
CloudShell
Feedback
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31°C
Partly sunny
Search
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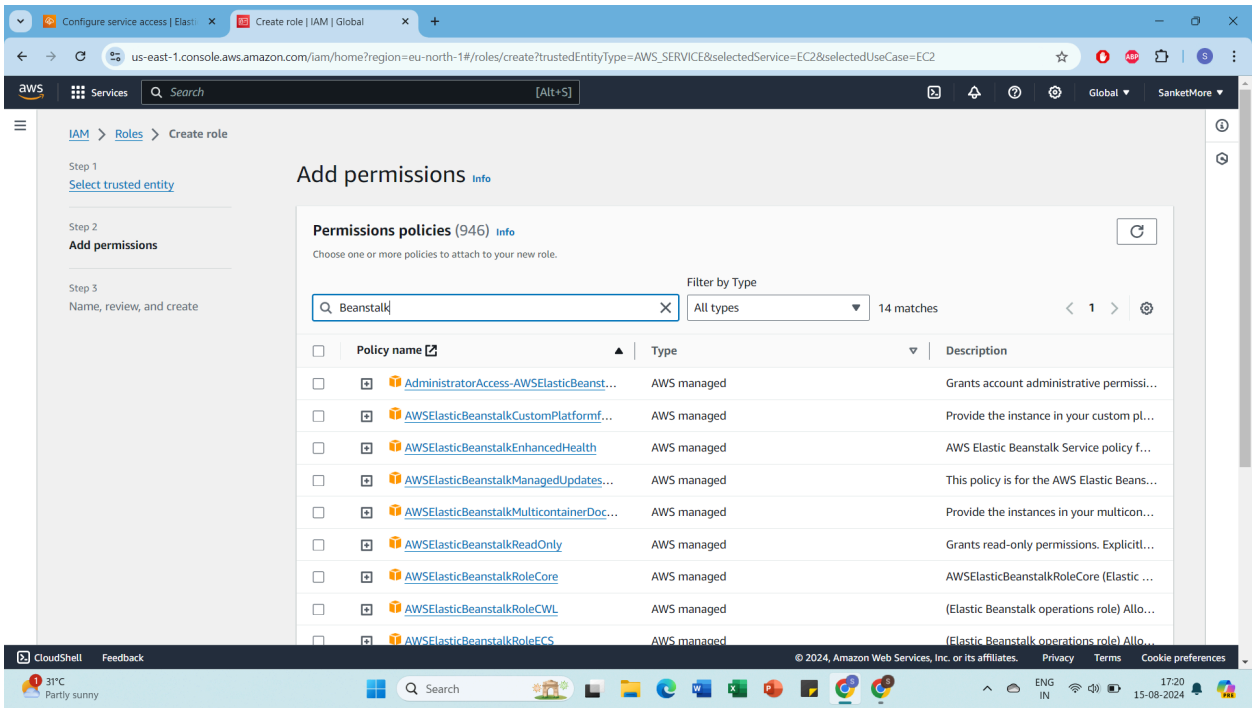
Configure service access | Elasti
Create role | IAM | Global
us-east-1.console.aws.amazon.com/iam/home?region=eu-north-1#/roles/create?trustedEntityType=AWS_SERVICE&selectedService=EC2&selectedUseCase=EC2
Services
Search
[Alt+S]
Global
SanketMore
IAM > Roles > Create role
Step 1
Select trusted entity
Step 2
Add permissions
Step 3
Name, review, and create
Add permissions Info
Permissions policies (946) Info
Choose one or more policies to attach to your new role.
Filter by Type
Beanstalk
All types
14 matches
Policy name
Type
Description
AdministratorAccess-AWSElasticBeanst... AWS managed Grants account administrative permissi...
AWSElasticBeanstalkCustomPlatformf... AWS managed Provide the instance in your custom pl...
AWSElasticBeanstalkEnhancedHealth AWS managed AWS Elastic Beanstalk Service policy f...
AWSElasticBeanstalkManagedUpdates... AWS managed This policy is for the AWS Elastic Beans...
AWSElasticBeanstalkMulticontainerDoc... AWS managed Provide the instances in your multicon...
AWSElasticBeanstalkReadOnly AWS managed Grants read-only permissions. Explicitl...
AWSElasticBeanstalkRoleCore AWS managed AWSElasticBeanstalkRoleCore (Elastic ...
AWSElasticBeanstalkRoleCWL AWS managed (Elastic Beanstalk operations role) Allo...
CloudShell
Feedback
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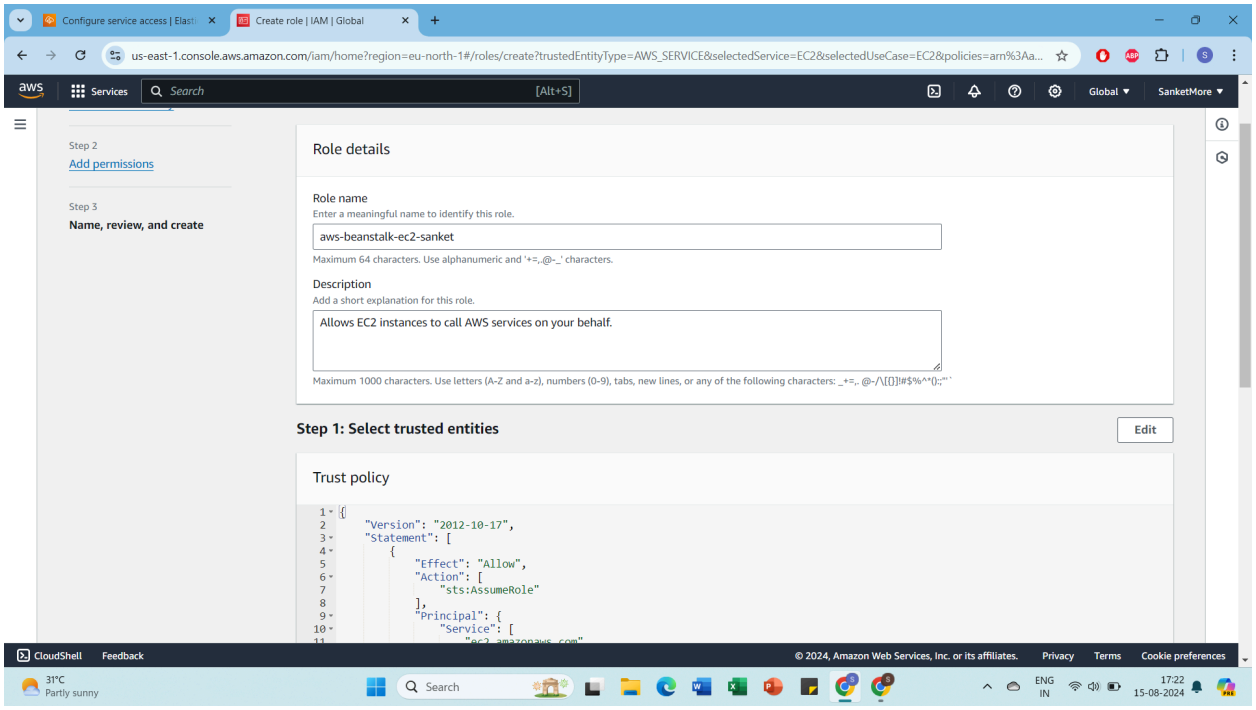
Terms
Cookie preferences
31°C
Partly sunny
Search
ENG
IN
17:20
15-08-2024


Configure service access | Elasti
Create role | IAM | Global
us-east-1.console.aws.amazon.com/iam/home?region=eu-north-1#/roles/create?trustedEntityType=AWS_SERVICE&selectedService=EC2&selectedUseCase=EC2&policies=arn%3Aa...
Services
Search
[Alt+S]
Global
SanketMore
Step 2
Add permissions
Step 3
Name, review, and create
Role details
Role name
Enter a meaningful name to identify this role.
aws-beanstalk-ec2-sanket
Maximum 64 characters. Use alphanumeric and '+=,.@-_' characters.
Description
Add a short explanation for this role.
Allows EC2 instances to call AWS services on your behalf.
Maximum 1000 characters. Use letters (A-Z and a-z), numbers (0-9), tabs, new lines, or any of the following characters: _+=,. @-/\[{}]!#$%^*();"'`
Step 1: Select trusted entities
Edit
Trust policy
{
"Version": "2012-10-17",
"Statement": [
{
"Effect": "Allow",
"Action": [
"sts:AssumeRole"
],
"Principal": {
"Service": [
CloudShell
Feedback
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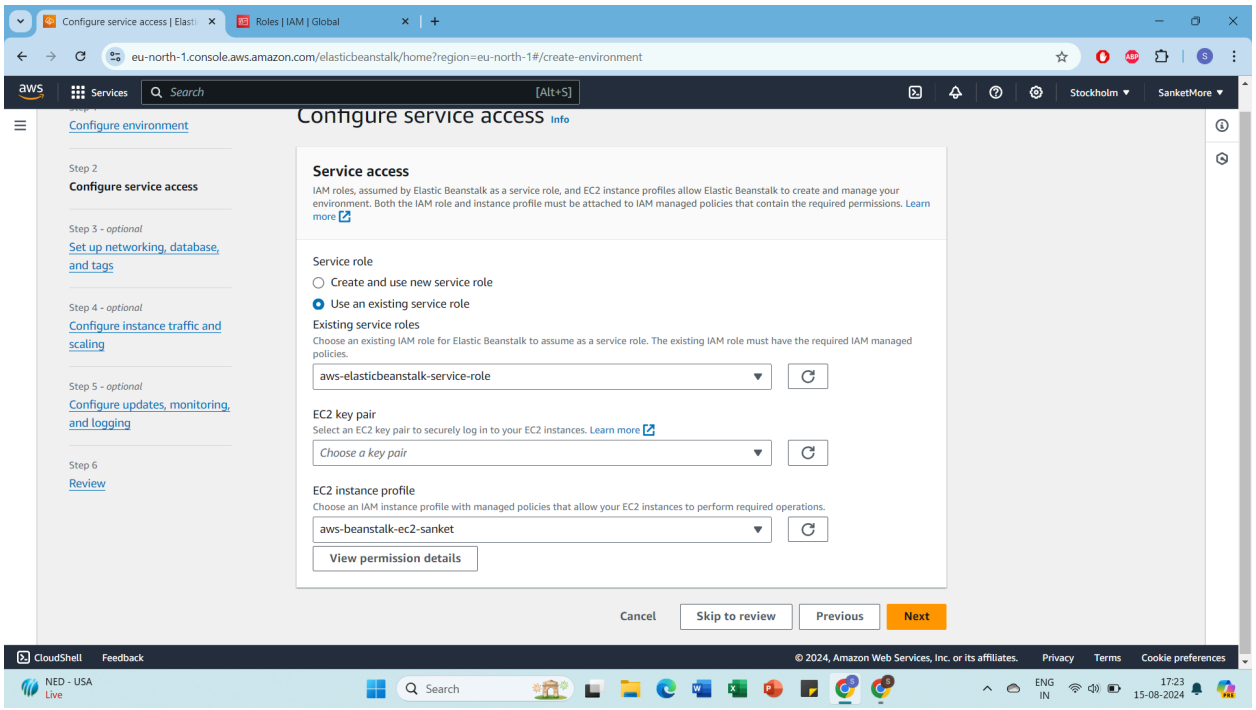
Cookie preferences
31°C
Partly sunny
Search
ENG
IN
17:22
15-08-2024


Configure service access | Elasti
Roles | IAM | Global
eu-north-1.console.aws.amazon.com/elasticbeanstalk/home?region=eu-north-1#/create-environment
Services
Search
[Alt+S]
Stockholm
SanketMore
Configure environment
Step 2
Configure service access
Step 3 - optional
Set up networking, database, and tags
Step 4 - optional
Configure instance traffic and scaling
Step 5 - optional
Configure updates, monitoring, and logging
Step 6
Review
Configure service access Info
Service access
IAM roles, assumed by Elastic Beanstalk as a service role, and EC2 instance profiles allow Elastic Beanstalk to create and manage your environment. Both the IAM role and instance profile must be attached to IAM managed policies that contain the required permissions. Learn more
Service role
Create and use new service role
Use an existing service role
Existing service roles
Choose an existing IAM role for Elastic Beanstalk to assume as a service role. The existing IAM role must have the required IAM managed policies.
aws-elasticbeanstalk-service-role
EC2 key pair
Select an EC2 key pair to securely log in to your EC2 instances. Learn more
Choose a key pair
EC2 instance profile
Choose an IAM instance profile with managed policies that allow your EC2 instances to perform required operations.
aws-beanstalk-ec2-sanket
View permission details
Cancel
Skip to review
Previous
Next
CloudShell
Feedback
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Privacy
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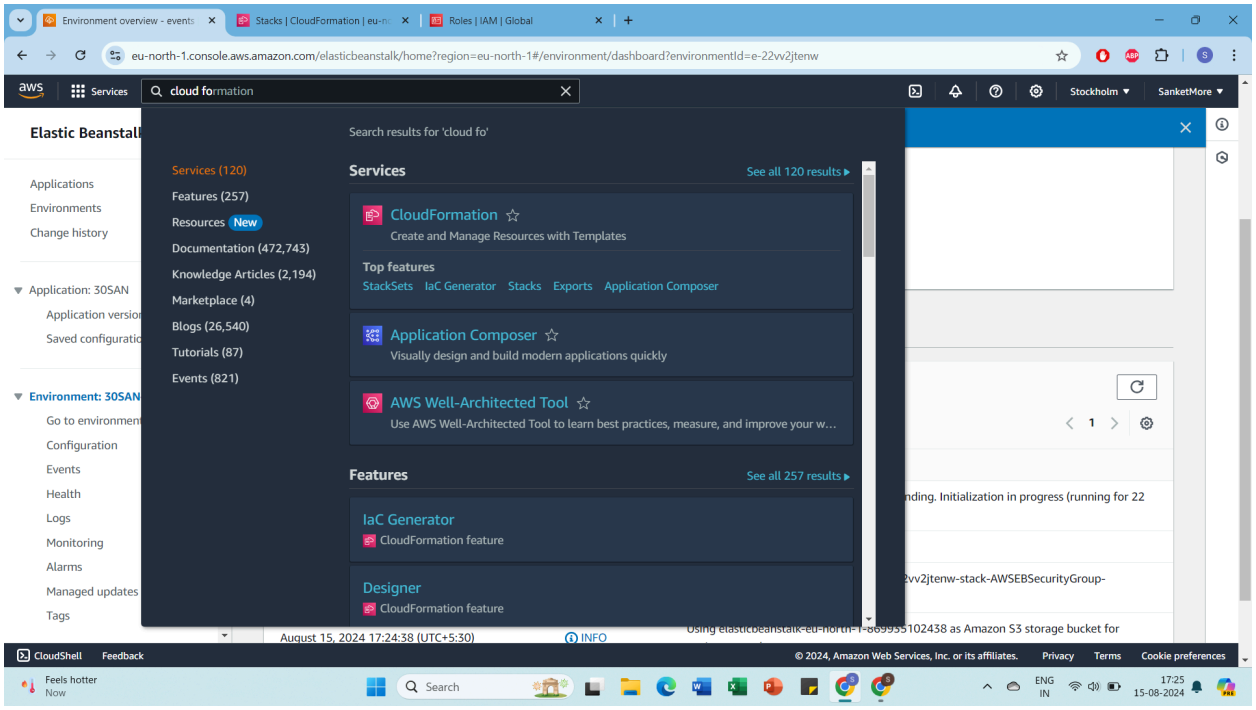
Cookie preferences
NED - USA
Live
Search
ENG
IN
17:23
15-08-2024


Environment overview - events
Stacks | CloudFormation | eu-north-1
Roles | IAM | Global
eu-north-1.console.aws.amazon.com/elasticbeanstalk/home?region=eu-north-1#/environment/dashboard?environmentId=e-22vv2jtenw
Services
cloud formation
Stockholm
SanketMore
Elastic Beanstalk
Applications
Environments
Change history
Application: 30SAN
Application version
Saved configuration
Environment: 30SAN
Go to environment
Configuration
Events
Health
Logs
Monitoring
Alarms
Managed updates
Tags
Search results for 'cloud fo'
Services (120)
Features (257)
Resources New
Documentation (472,743)
Knowledge Articles (2,194)
Marketplace (4)
Blogs (26,540)
Tutorials (87)
Events (821)
Services
See all 120 results
CloudFormation
Create and Manage Resources with Templates
Top features
StackSets
IaC Generator
Stacks
Exports
Application Composer
Application Composer
Visually design and build modern applications quickly
AWS Well-Architected Tool
Use AWS Well-Architected Tool to learn best practices, measure, and improve your w...
Features
See all 257 results
IaC Generator
CloudFormation feature
Designer
CloudFormation feature
nding. Initialization in progress (running for 22
2vv2jtenw-stack-AWSEBSecurityGroup-
August 15, 2024 17:24:38 (UTC+5:30)
INFO
CloudShell
Feedback
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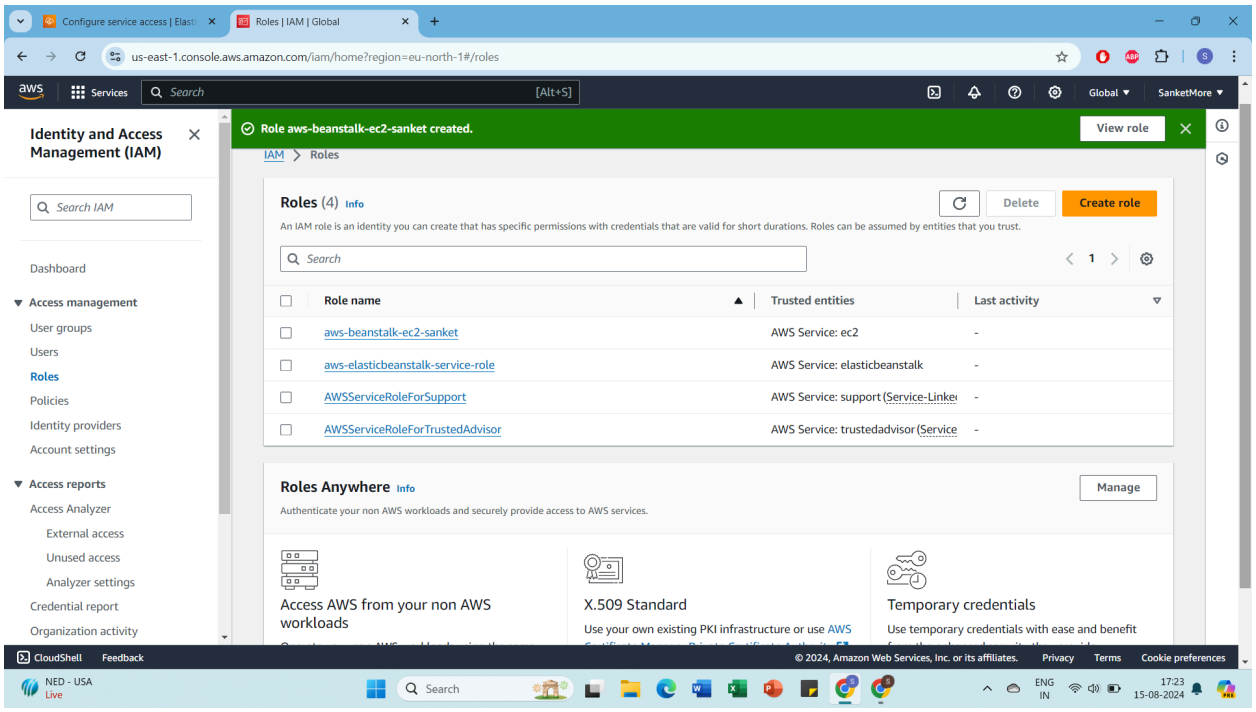
Cookie preferences
Feels hotter
Now
Search
ENG
IN
17:25
15-08-2024


Configure service access | Elasti
Roles | IAM | Global
us-east-1.console.aws.amazon.com/iam/home?region=eu-north-1#/roles
Services
Search
[Alt+S]
Global
SanketMore
Identity and Access Management (IAM)
Search IAM
Dashboard
Access management
User groups
Users
Roles
Policies
Identity providers
Account settings
Access reports
Access Analyzer
External access
Unused access
Analyzer settings
Credential report
Organization activity
Role aws-beanstalk-ec2-sanket created.
View role
IAM > Roles
Roles (4) Info
An IAM role is an identity you can create that has specific permissions with credentials that are valid for short durations. Roles can be assumed by entities that you trust.
Delete
Create role
Search
Role name
Trusted entities
Last activity
aws-beanstalk-ec2-sanket
AWS Service: ec2
aws-elasticbeanstalk-service-role
AWS Service: elasticbeanstalk
AWSServiceRoleForSupport
AWS Service: support (Service-Linke
AWSServiceRoleForTrustedAdvisor
AWS Service: trustedadvisor (Service
Roles Anywhere Info
Authenticate your non AWS workloads and securely provide access to AWS services.
Manage
Access AWS from your non AWS workloads
X.509 Standard
Use your own existing PKI infrastructure or use AWS
Temporary credentials
Use temporary credentials with ease and benefit
CloudShell
Feedback
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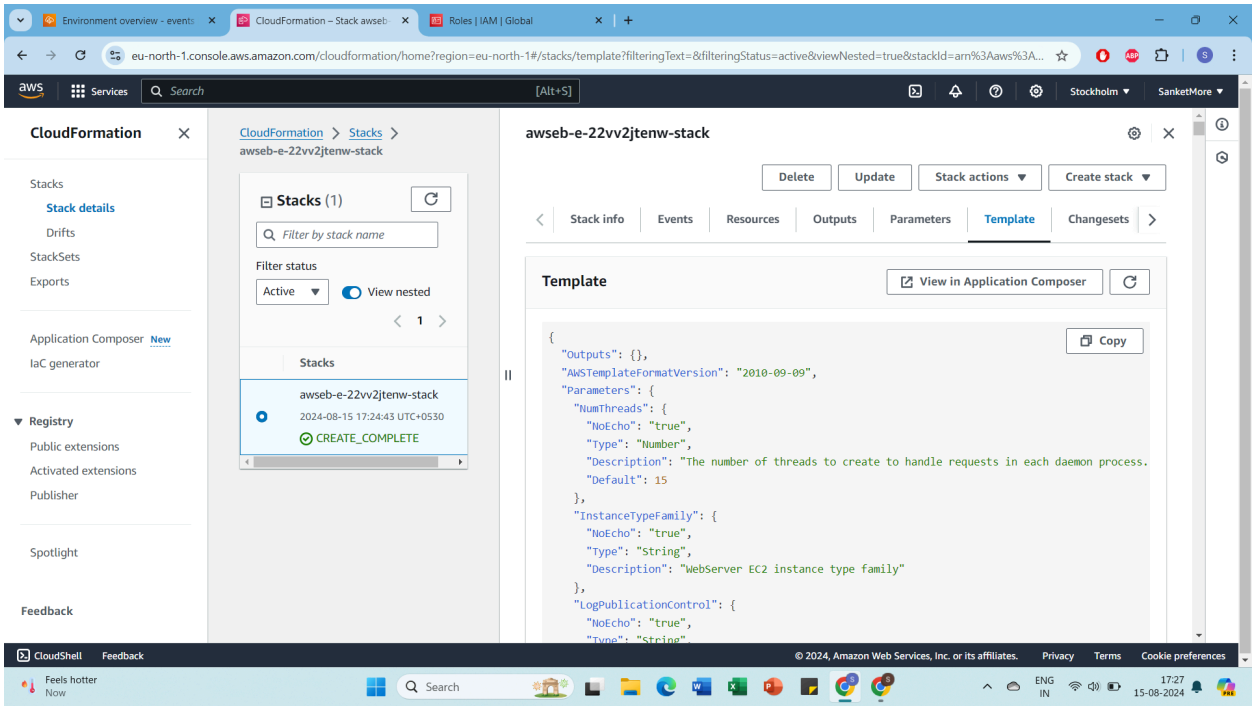
NED - USA
Live
Search
ENG
IN
17:23
15-08-2024


CloudFormation
Stacks
Stack details
Drifts
StackSets
Exports
Application Composer New
IaC generator
Registry
Public extensions
Activated extensions
Publisher
Spotlight
Feedback
CloudFormation > Stacks >
awseb-e-22vv2jtenw-stack
Stacks (1)
Filter by stack name
Filter status
Active
View nested
Stacks
awseb-e-22vv2jtenw-stack
2024-08-15 17:24:43 UTC+0530
CREATE_COMPLETE
awseb-e-22vv2jtenw-stack
Delete
Update
Stack actions
Create stack
Stack info
Events
Resources
Outputs
Parameters
Template
Changesets
Template
View in Application Composer
Copy
{
"Outputs": {},
"AWSTemplateFormatVersion": "2010-09-09",
"Parameters": {
"NumThreads": {
"NoEcho": "true",
"Type": "Number",
"Description": "The number of threads to create to handle requests in each daemon process.
"Default": 15
},
"InstanceTypeFamily": {
"NoEcho": "true",
"Type": "String",
"Description": "WebServer EC2 instance type family"
},
"LogPublicationControl": {
"NoEcho": "true",
"Type": "String"
CloudShell
Feedback
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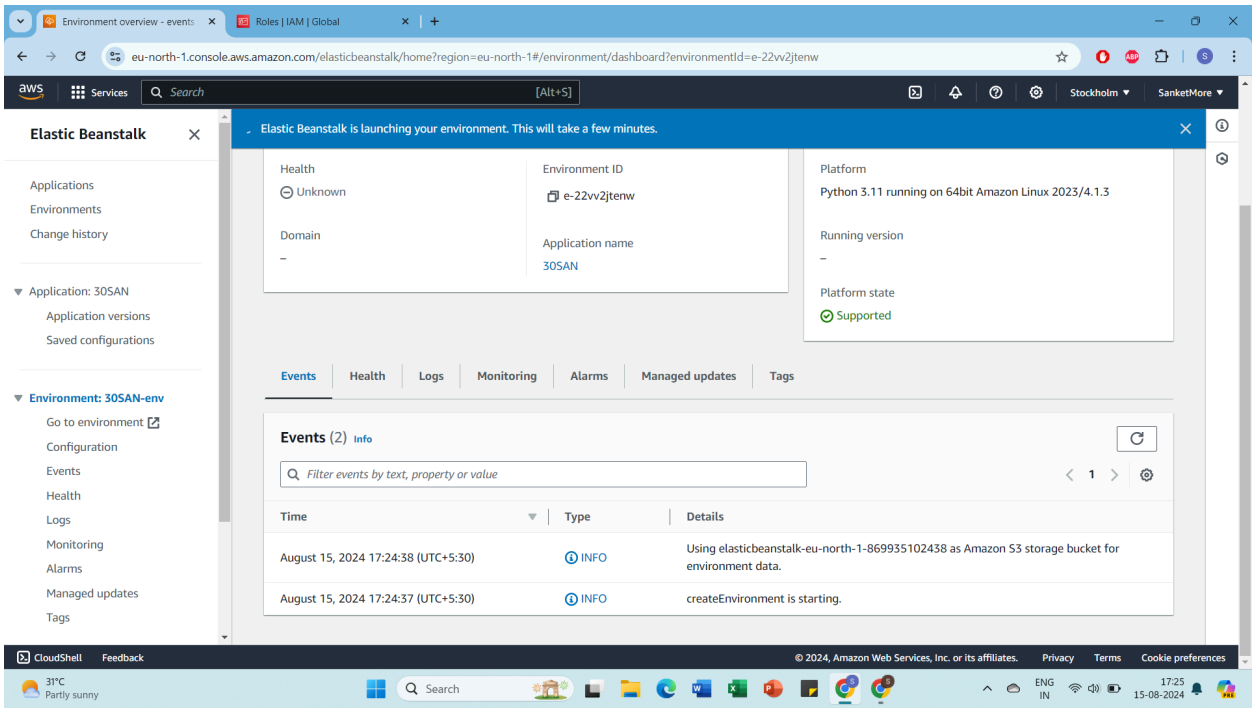
Elastic Beanstalk
Applications
Environments
Change history
Application: 30SAN
Application versions
Saved configurations
Environment: 30SAN-env
Go to environment
Configuration
Events
Health
Logs
Monitoring
Alarms
Managed updates
Tags
Elastic Beanstalk is launching your environment. This will take a few minutes.
Health
Unknown
Environment ID
e-22vv2jtenw
Domain
-
Application name
30SAN
Platform
Python 3.11 running on 64bit Amazon Linux 2023/4.1.3
Running version
-
Platform state
Supported
Events
Health
Logs
Monitoring
Alarms
Managed updates
Tags
Events (2) Info
Filter events by text, property or value
Time
Type
Details
August 15, 2024 17:24:38 (UTC+5:30)
INFO
Using elasticbeanstalk-eu-north-1-869935102438 as Amazon S3 storage bucket for environment data.
August 15, 2024 17:24:37 (UTC+5:30)
INFO
createEnvironment is starting.
CloudShell
Feedback
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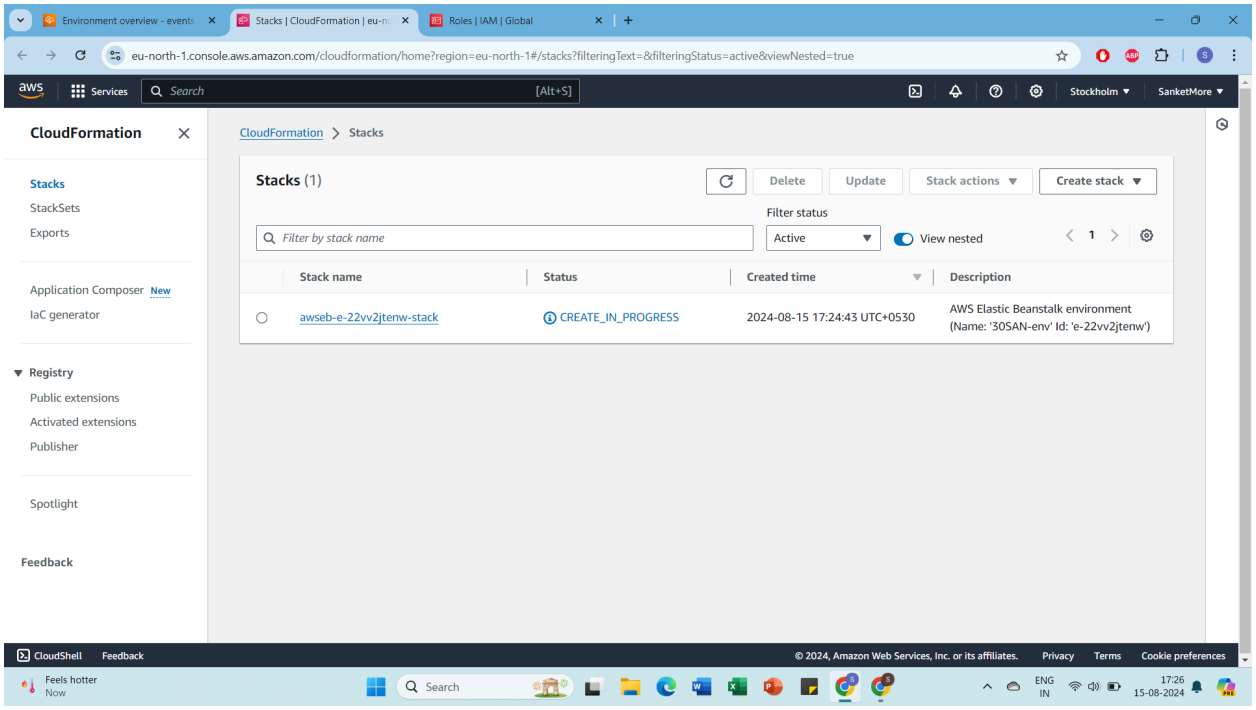
Environment overview - events
Stacks | CloudFormation | eu-north-1
Roles | IAM | Global
eu-north-1.console.aws.amazon.com/cloudformation/home?region=eu-north-1#/stacks?filteringText=&filteringStatus=active&viewNested=true
Services
Search
[Alt+S]
Stockholm
SanketMore
CloudFormation
Stacks
StackSets
Exports
Application Composer New
IaC generator
Registry
Public extensions
Activated extensions
Publisher
Spotlight
Feedback
CloudFormation > Stacks
Stacks (1)
Delete
Update
Stack actions
Create stack
Filter by stack name
Filter status
Active
View nested
Stack name
Status
Created time
Description
awseb-e-22vv2jtenw-stack
CREATE_IN_PROGRESS
2024-08-15 17:24:43 UTC+0530
AWS Elastic Beanstalk environment (Name: '30SAN-env' Id: 'e-22vv2jtenw')
CloudShell
Feedback
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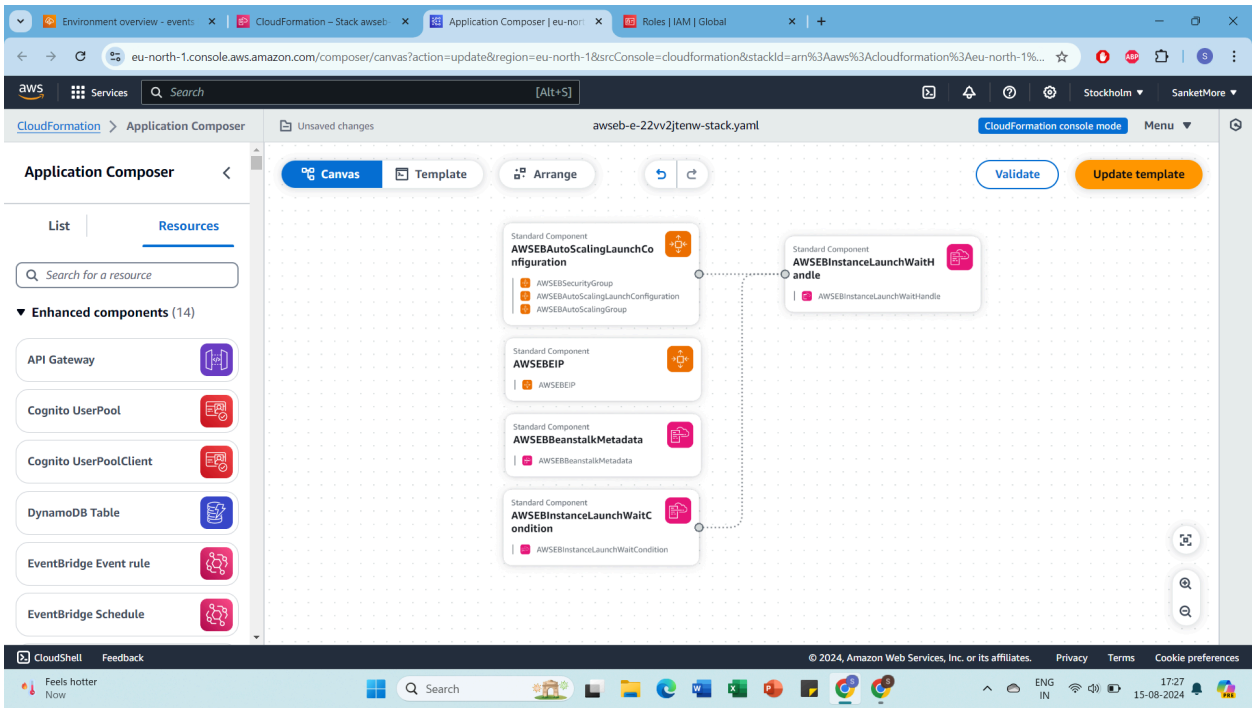
Cookie preferences
Feels hotter
Now
Search
ENG
IN
17:26
15-08-2024


Environment overview - events
CloudFormation – Stack awseb
Application Composer | eu-north-1
Roles | IAM | Global
eu-north-1.console.aws.amazon.com/composer/canvas?action=update&region=eu-north-1&srcConsole=cloudformation&stackId=arn%3Aaws%3Acloudformation%3Aeu-north-1%...
Services
Search
[Alt+S]
Stockholm
SanketMore
CloudFormation > Application Composer
Unsaved changes
awseb-e-22vv2jtenw-stack.yaml
CloudFormation console mode
Menu
Application Composer
List
Resources
Search for a resource
Enhanced components (14)
API Gateway
Cognito UserPool
Cognito UserPoolClient
DynamoDB Table
EventBridge Event rule
EventBridge Schedule
Canvas
Template
Arrange
Validate
Update template
Standard Component
AWSEBAutoScalingLaunchConfiguration
AWSEBSecurityGroup
AWSEBAutoScalingLaunchConfiguration
AWSEBAutoScalingGroup
Standard Component
AWSEBInstanceLaunchWaitHandle
AWSEBInstanceLaunchWaitHandle
Standard Component
AWSEBEIP
AWSEBEIP
Standard Component
AWSEBBeanstalkMetadata
AWSEBBeanstalkMetadata
Standard Component
AWSEBInstanceLaunchWaitCondition
AWSEBInstanceLaunchWaitCondition
CloudShell
Feedback
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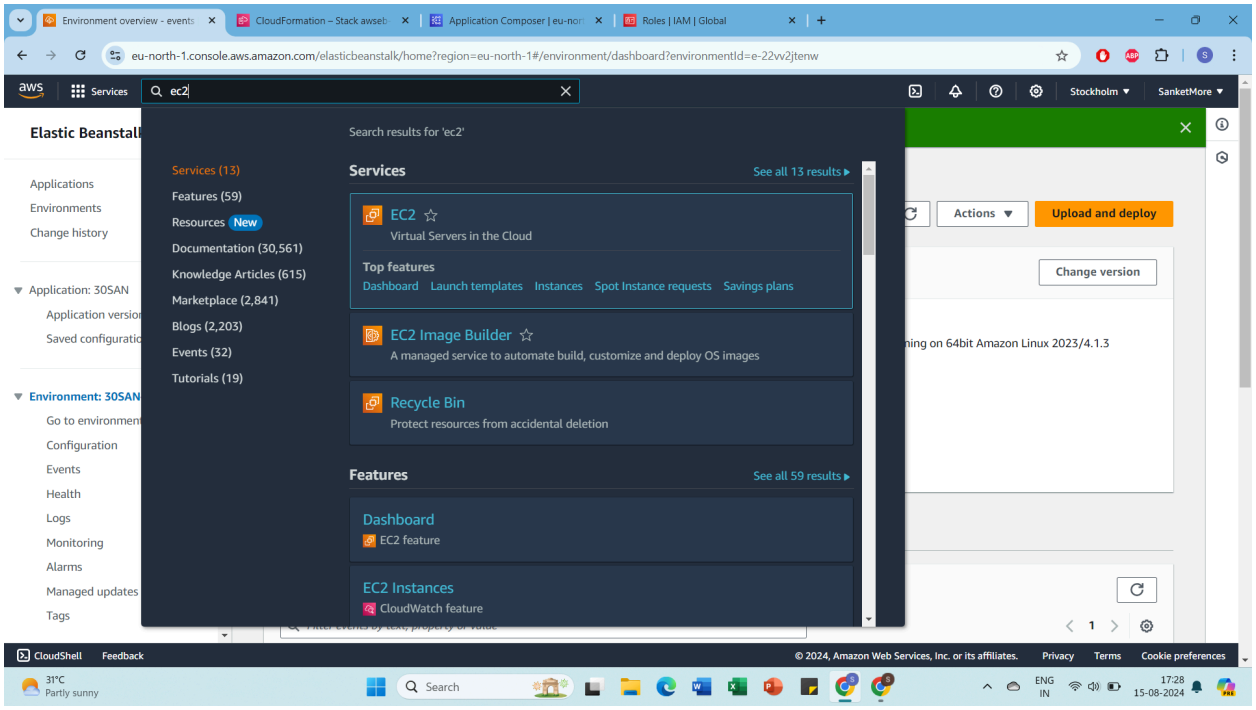
Feels hotter
Now
Search
ENG
IN
17:27
15-08-2024


Environment overview - events
CloudFormation – Stack awseb
Application Composer | eu-north
Roles | IAM | Global
eu-north-1.console.aws.amazon.com/elasticbeanstalk/home?region=eu-north-1#/environment/dashboard?environmentId=e-22vv2jtenw
aws
Services
ec2
Stockholm
SanketMore
Elastic Beanstalk
Applications
Environments
Change history
Application: 30SAN
Application version
Saved configuration
Environment: 30SAN
Go to environment
Configuration
Events
Health
Logs
Monitoring
Alarms
Managed updates
Tags
Search results for 'ec2'
Services (13)
Features (59)
Resources New
Documentation (30,561)
Knowledge Articles (615)
Marketplace (2,841)
Blogs (2,203)
Events (32)
Tutorials (19)
Services
See all 13 results
EC2
Virtual Servers in the Cloud
Top features
Dashboard
Launch templates
Instances
Spot Instance requests
Savings plans
EC2 Image Builder
A managed service to automate build, customize and deploy OS images
Recycle Bin
Protect resources from accidental deletion
Features
See all 59 results
Dashboard
EC2 feature
EC2 Instances
CloudWatch feature
Actions
Upload and deploy
Change version
ning on 64bit Amazon Linux 2023/4.1.3
CloudShell
Feedback
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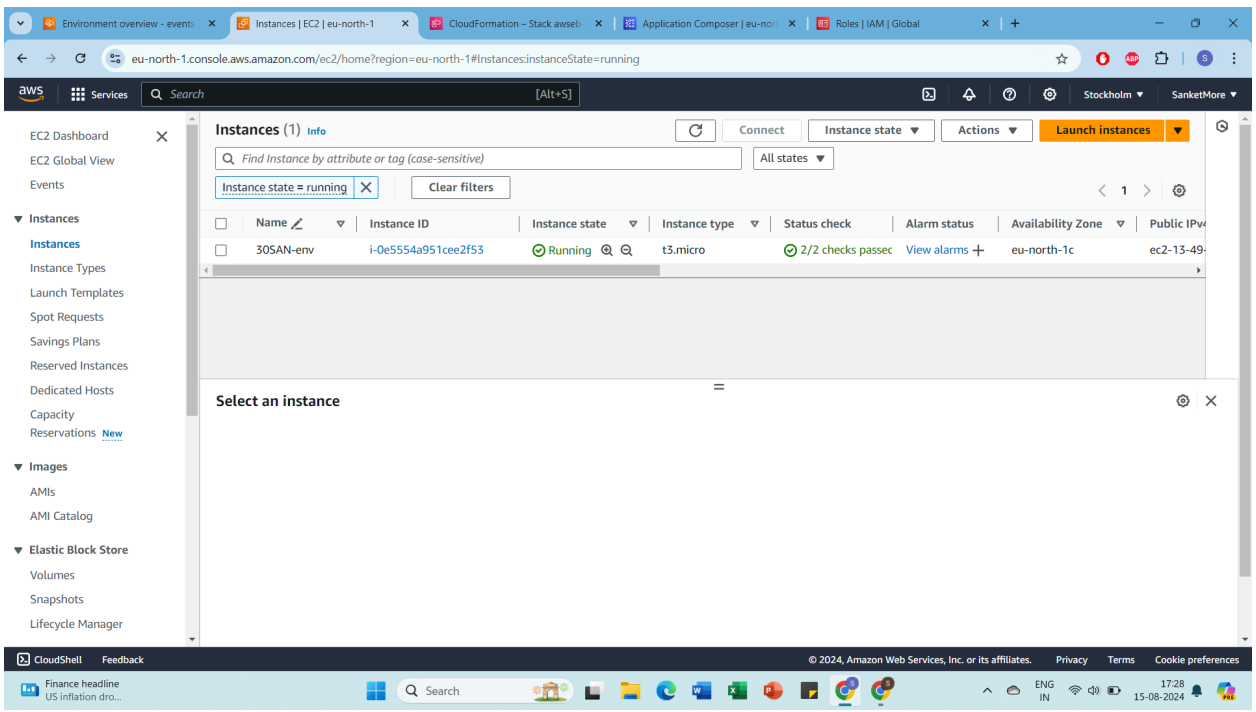
Search
ENG
IN
17:28
15-08-2024


Environment overview - events
Instances | EC2 | eu-north-1
CloudFormation – Stack awseb
Application Composer | eu-north
Roles | IAM | Global
eu-north-1.console.aws.amazon.com/ec2/home?region=eu-north-1#Instances:instanceState=running
aws
Services
Search
[Alt+S]
Stockholm
SanketMore
EC2 Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations New
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Instances (1) Info
Connect
Instance state
Actions
Launch instances
Find Instance by attribute or tag (case-sensitive)
All states
Instance state = running
Clear filters
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Public IPv4
30SAN-env
i-0e5554a951cee2f53
Running
t3.micro
2/2 checks passed
View alarms
eu-north-1c
ec2-13-49-
Select an instance
CloudShell
Feedback
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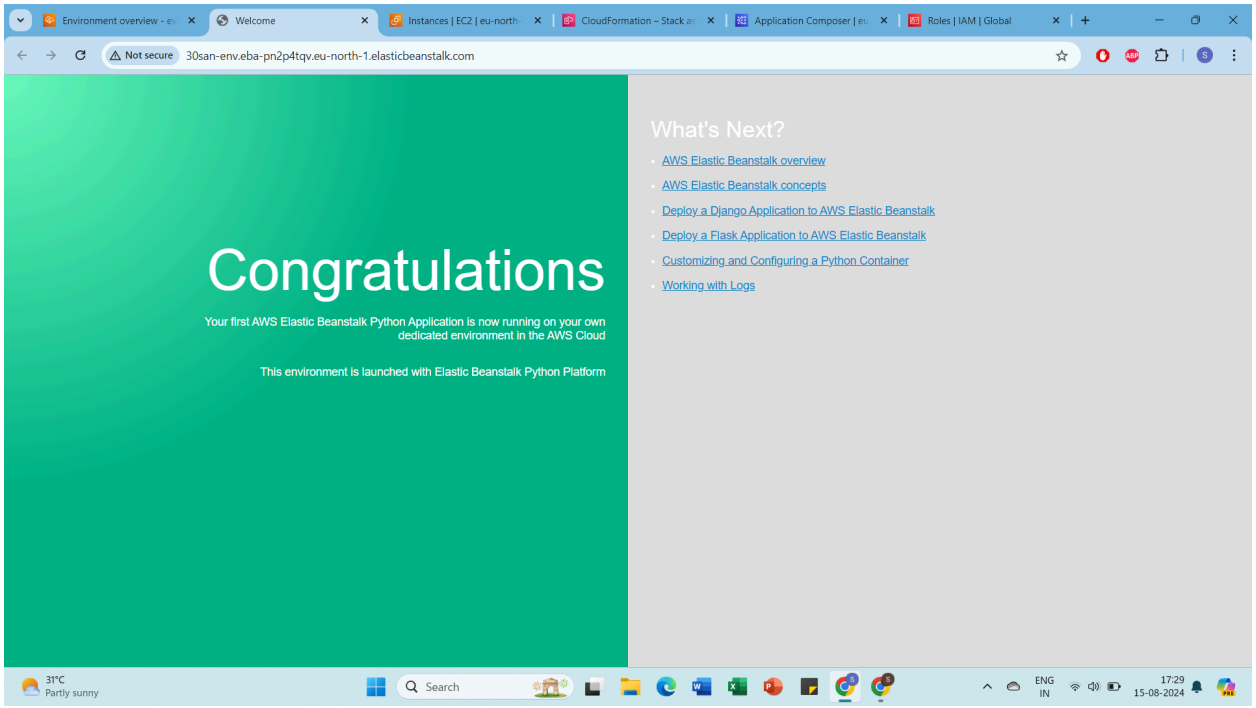
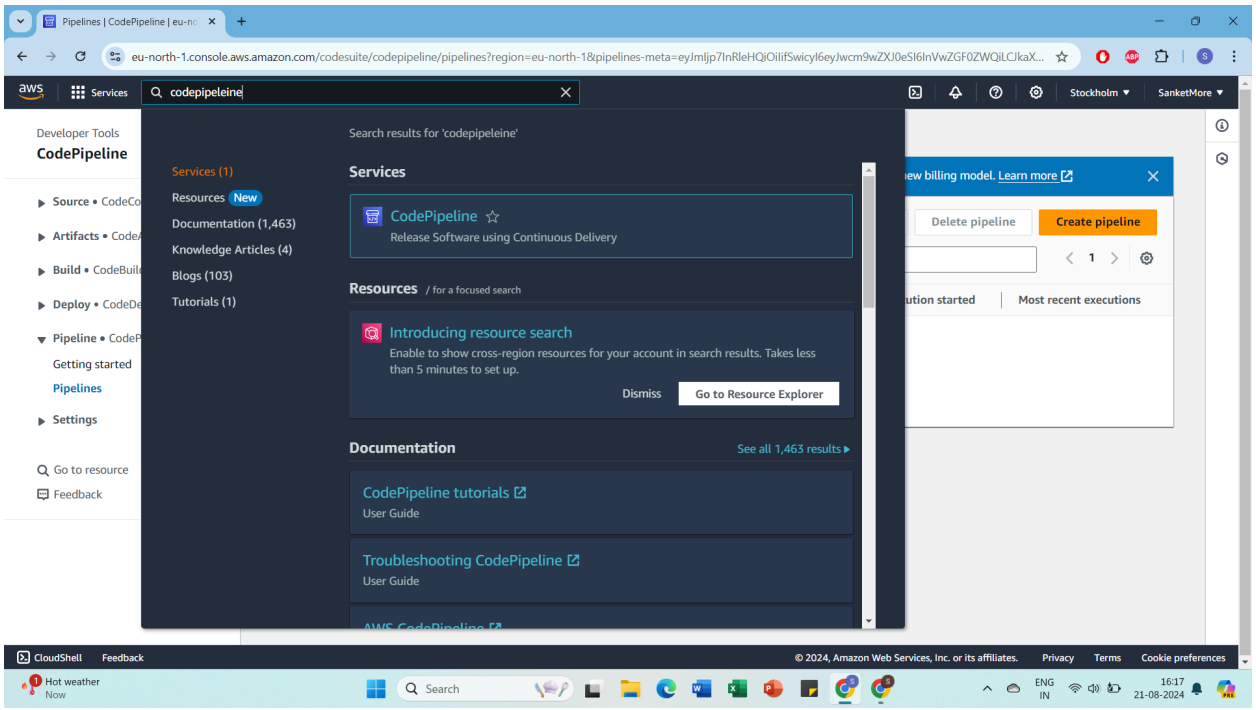
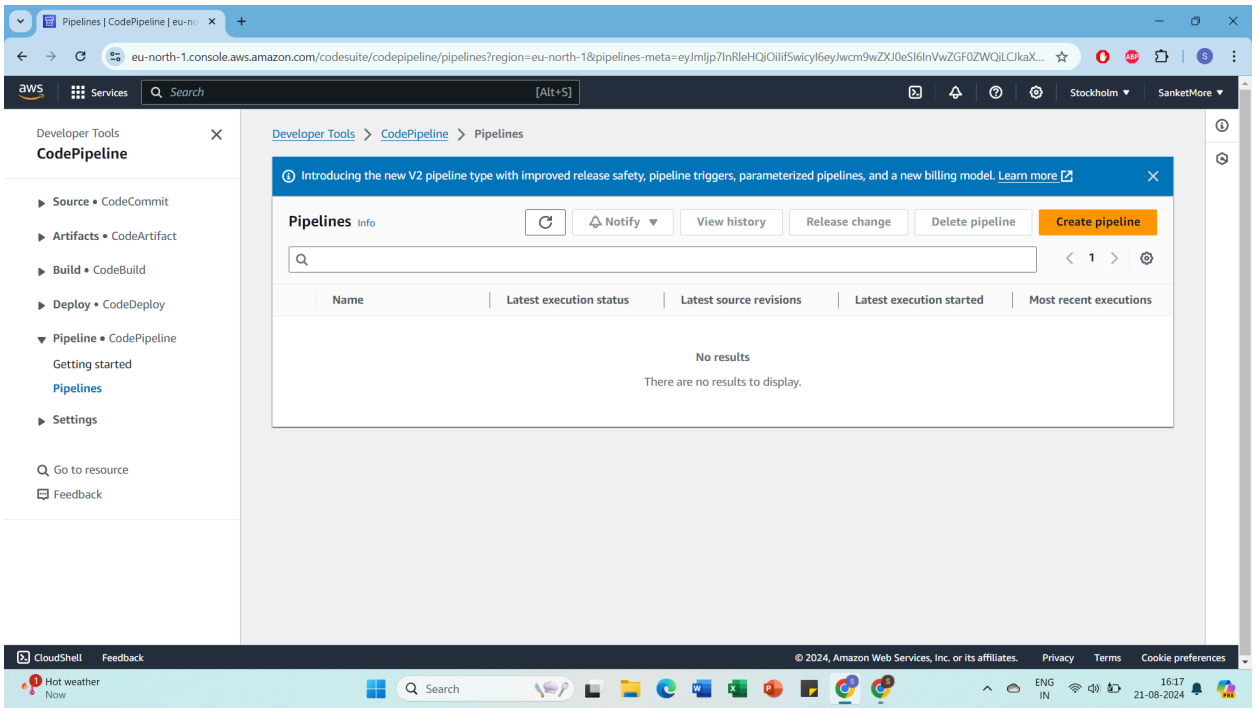
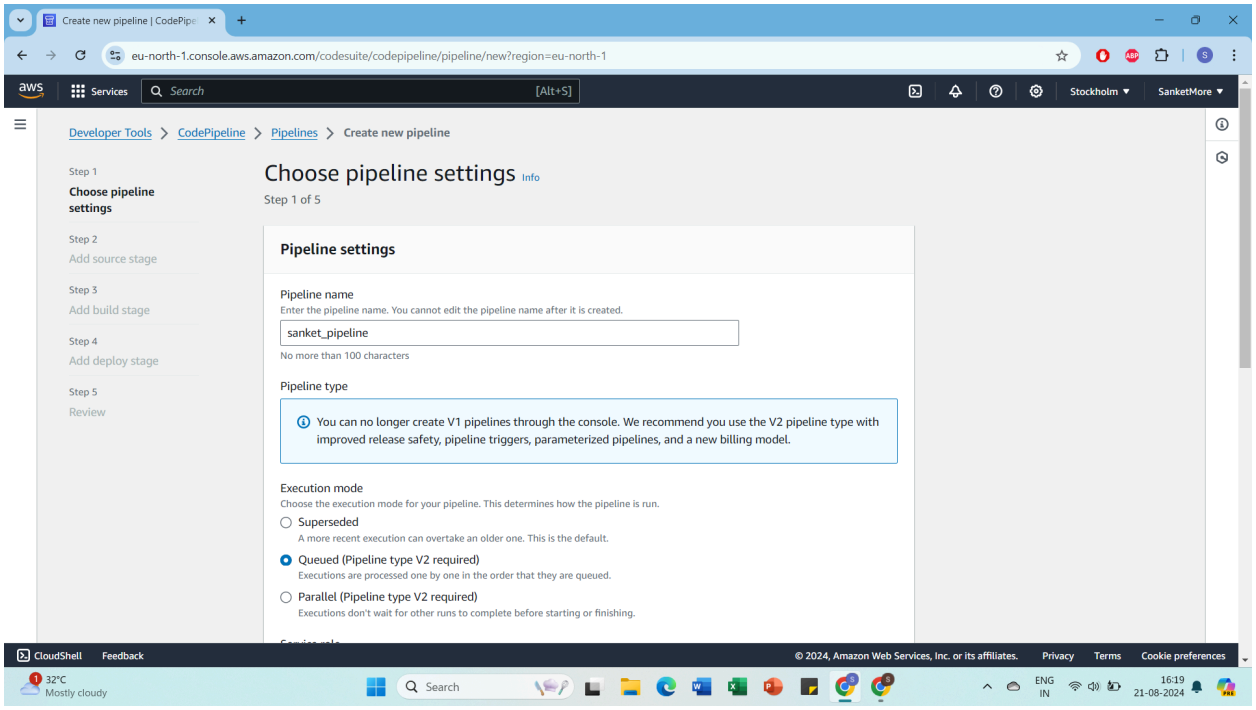
Cookie preferences
Finance headline
US inflation dro...
Search
ENG
IN
17:28
15-08-2024


Environment overview - ev
Welcome
Instances | EC2 | eu-north
CloudFormation – Stack av
Application Composer | eu
Roles | IAM | Global
Not secure
30san-env.eba-pn2p4tqv.eu-north-1.elasticbeanstalk.com
Congratulations
Your first AWS Elastic Beanstalk Python Application is now running on your own dedicated environment in the AWS Cloud
This environment is launched with Elastic Beanstalk Python Platform
What's Next?
AWS Elastic Beanstalk overview
AWS Elastic Beanstalk concepts
Deploy a Django Application to AWS Elastic Beanstalk
Deploy a Flask Application to AWS Elastic Beanstalk
Customizing and Configuring a Python Container
Working with Logs
31°C
Partly sunny
Search
ENG
IN
17:29
15-08-2024

Code Deployment using Codepipeline:






Create new pipeline | CodePipe
eu-north-1.console.aws.amazon.com/codesuite/codepipeline/pipeline/new?region=eu-north-1
Services
Search
[Alt+S]
Stockholm
SanketMore
Developer Tools > CodePipeline > Pipelines > Create new pipeline
Step 1
Choose pipeline settings
Step 2
Add source stage
Step 3
Add build stage
Step 4
Add deploy stage
Step 5
Review
Choose pipeline settings Info
Step 1 of 5
Pipeline settings
Pipeline name
Enter the pipeline name. You cannot edit the pipeline name after it is created.
sanket_pipeline
No more than 100 characters
Pipeline type
You can no longer create V1 pipelines through the console. We recommend you use the V2 pipeline type with improved release safety, pipeline triggers, parameterized pipelines, and a new billing model.
Execution mode
Choose the execution mode for your pipeline. This determines how the pipeline is run.
Superseded
A more recent execution can overtake an older one. This is the default.
Queued (Pipeline type V2 required)
Executions are processed one by one in the order that they are queued.
Parallel (Pipeline type V2 required)
Executions don't wait for other runs to complete before starting or finishing.
CloudShell
Feedback
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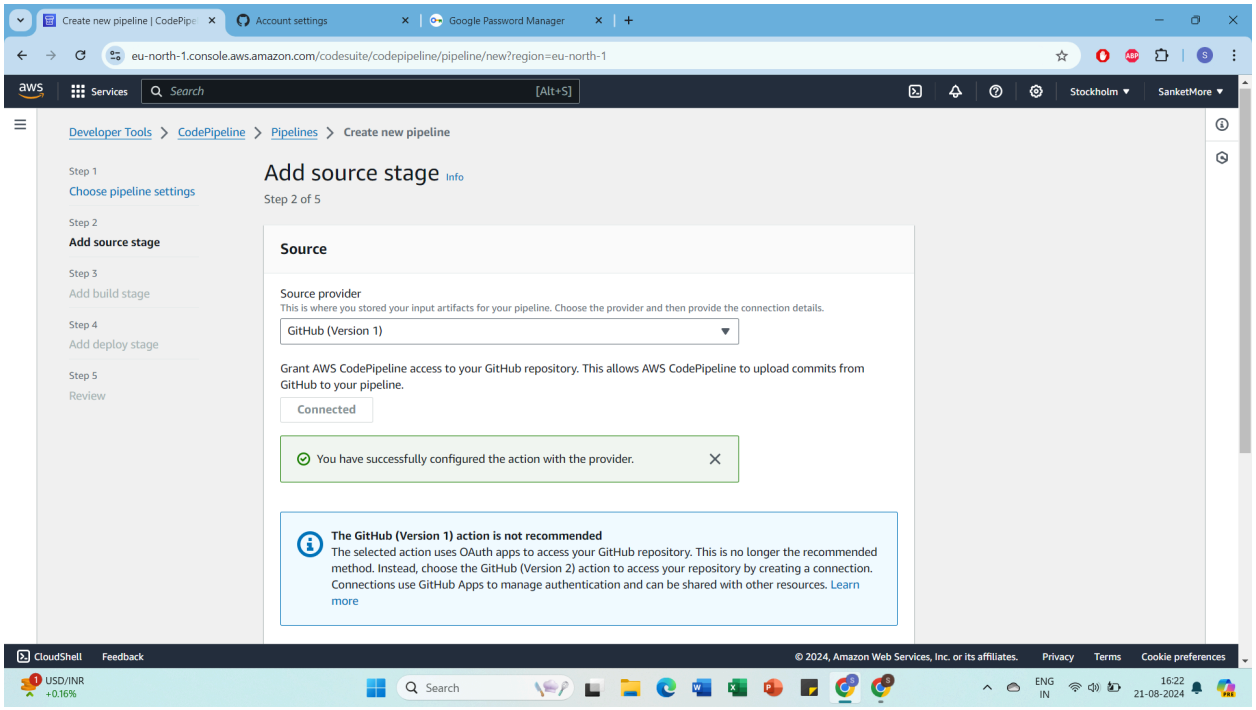
32°C
Mostly cloudy
Search
ENG
IN
16:19
21-08-2024


Create new pipeline | CodePipe
Account settings
Google Password Manager
eu-north-1.console.aws.amazon.com/codesuite/codepipeline/pipeline/new?region=eu-north-1
Services
Search
[Alt+S]
Stockholm
SanketMore
Developer Tools > CodePipeline > Pipelines > Create new pipeline
Step 1
Choose pipeline settings
Step 2
Add source stage
Step 3
Add build stage
Step 4
Add deploy stage
Step 5
Review
Add source stage Info
Step 2 of 5
Source
Source provider
This is where you stored your input artifacts for your pipeline. Choose the provider and then provide the connection details.
GitHub (Version 1)
Grant AWS CodePipeline access to your GitHub repository. This allows AWS CodePipeline to upload commits from GitHub to your pipeline.
Connected
You have successfully configured the action with the provider.
The GitHub (Version 1) action is not recommended
The selected action uses OAuth apps to access your GitHub repository. This is no longer the recommended method. Instead, choose the GitHub (Version 2) action to access your repository by creating a connection. Connections use GitHub Apps to manage authentication and can be shared with other resources. Learn more
CloudShell
Feedback
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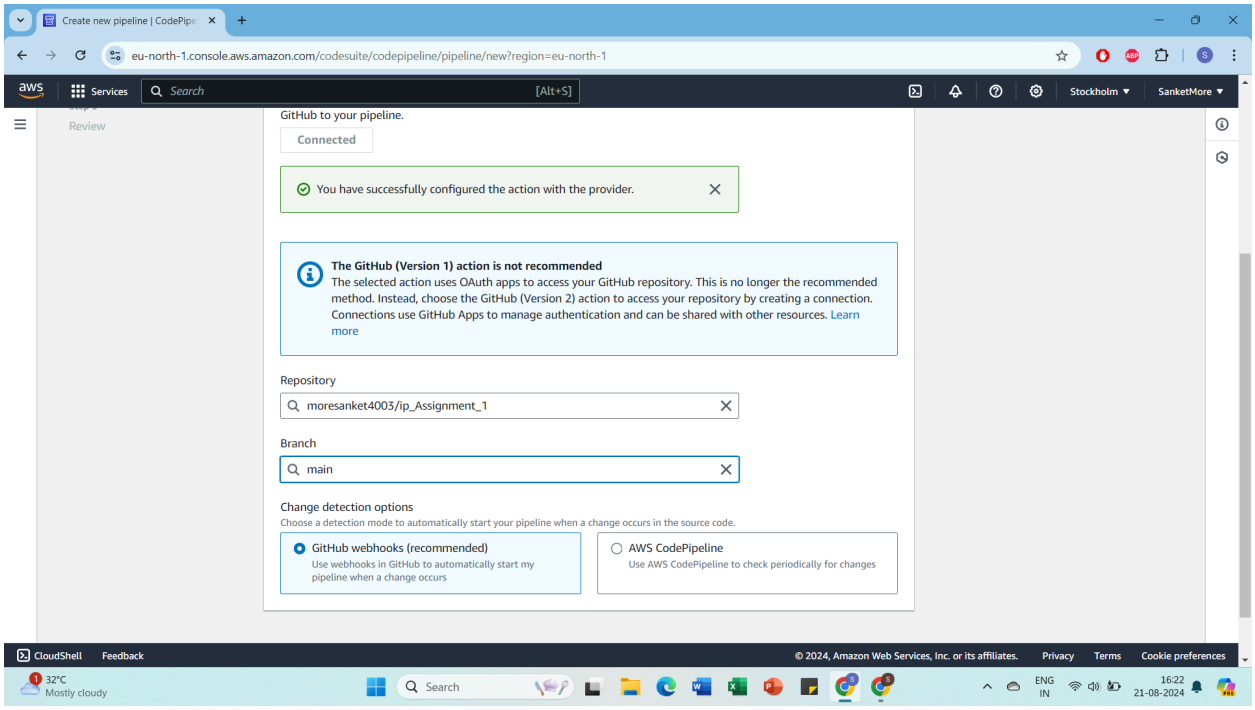
Cookie preferences
USD/INR
+0.16%
Search
ENG
IN
16:22
21-08-2024


Create new pipeline | CodePipe
eu-north-1.console.aws.amazon.com/codesuite/codepipeline/pipeline/new?region=eu-north-1
aws
Services
Search
[Alt+S]
Stockholm
SanketMore
Review
GitHub to your pipeline.
Connected
You have successfully configured the action with the provider.
The GitHub (Version 1) action is not recommended
The selected action uses OAuth apps to access your GitHub repository. This is no longer the recommended method. Instead, choose the GitHub (Version 2) action to access your repository by creating a connection. Connections use GitHub Apps to manage authentication and can be shared with other resources. Learn more
Repository
moresanket4003/ip_Assignment_1
Branch
main
Change detection options
Choose a detection mode to automatically start your pipeline when a change occurs in the source code.
GitHub webhooks (recommended)
Use webhooks in GitHub to automatically start my pipeline when a change occurs
AWS CodePipeline
Use AWS CodePipeline to check periodically for changes
CloudShell
Feedback
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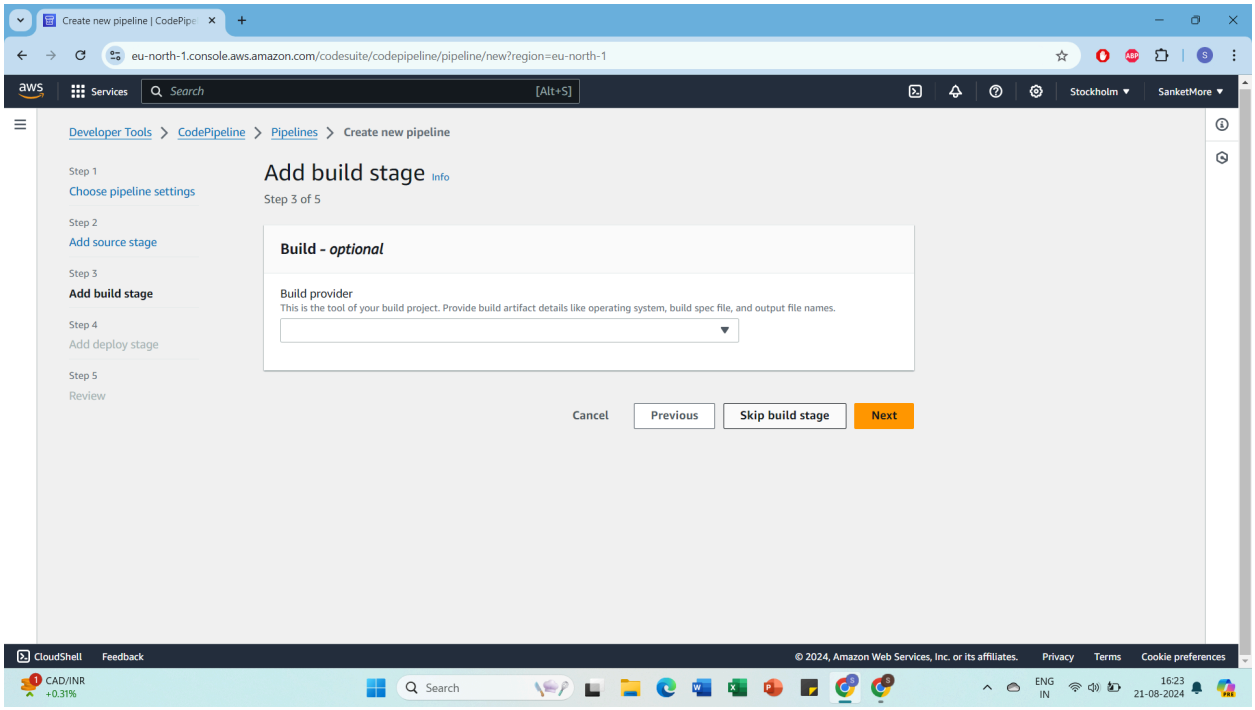
Privacy
Terms
Cookie preferences
32°C
Mostly cloudy
Search
ENG
IN
16:22
21-08-2024


Create new pipeline | CodePipe
eu-north-1.console.aws.amazon.com/codesuite/codepipeline/pipeline/new?region=eu-north-1
aws
Services
Search
[Alt+S]
Stockholm
SanketMore
Developer Tools
CodePipeline
Pipelines
Create new pipeline
Step 1
Choose pipeline settings
Step 2
Add source stage
Step 3
Add build stage
Step 4
Add deploy stage
Step 5
Review
Add build stage
Info
Step 3 of 5
Build - optional
Build provider
This is the tool of your build project. Provide build artifact details like operating system, build spec file, and output file names.
Cancel
Previous
Skip build stage
Next
CloudShell
Feedback
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16:23
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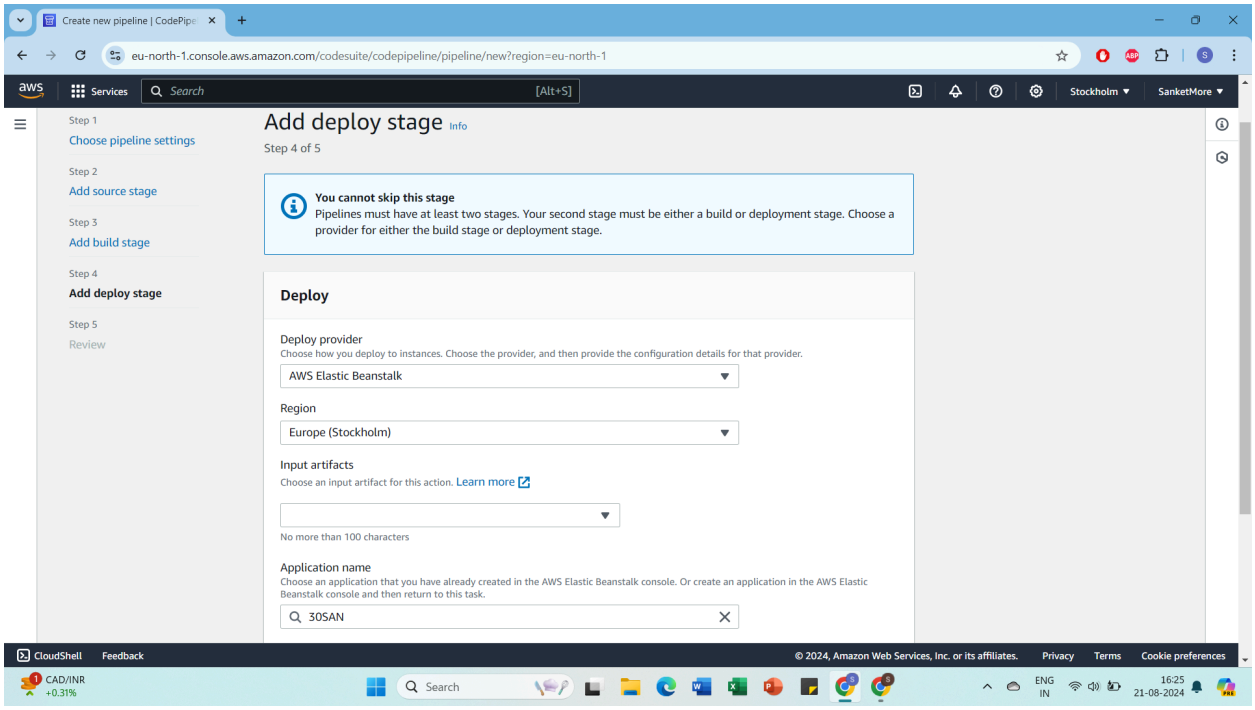
Create new pipeline | CodePipe
eu-north-1.console.aws.amazon.com/codesuite/codepipeline/pipeline/new?region=eu-north-1
aws
Services
Search
[Alt+S]
Stockholm
SanketMore
Step 1
Choose pipeline settings
Step 2
Add source stage
Step 3
Add build stage
Step 4
Add deploy stage
Step 5
Review
Add deploy stage Info
Step 4 of 5
You cannot skip this stage
Pipelines must have at least two stages. Your second stage must be either a build or deployment stage. Choose a provider for either the build stage or deployment stage.
Deploy
Deploy provider
Choose how you deploy to instances. Choose the provider, and then provide the configuration details for that provider.
AWS Elastic Beanstalk
Region
Europe (Stockholm)
Input artifacts
Choose an input artifact for this action. Learn more
No more than 100 characters
Application name
Choose an application that you have already created in the AWS Elastic Beanstalk console. Or create an application in the AWS Elastic Beanstalk console and then return to this task.
30SAN
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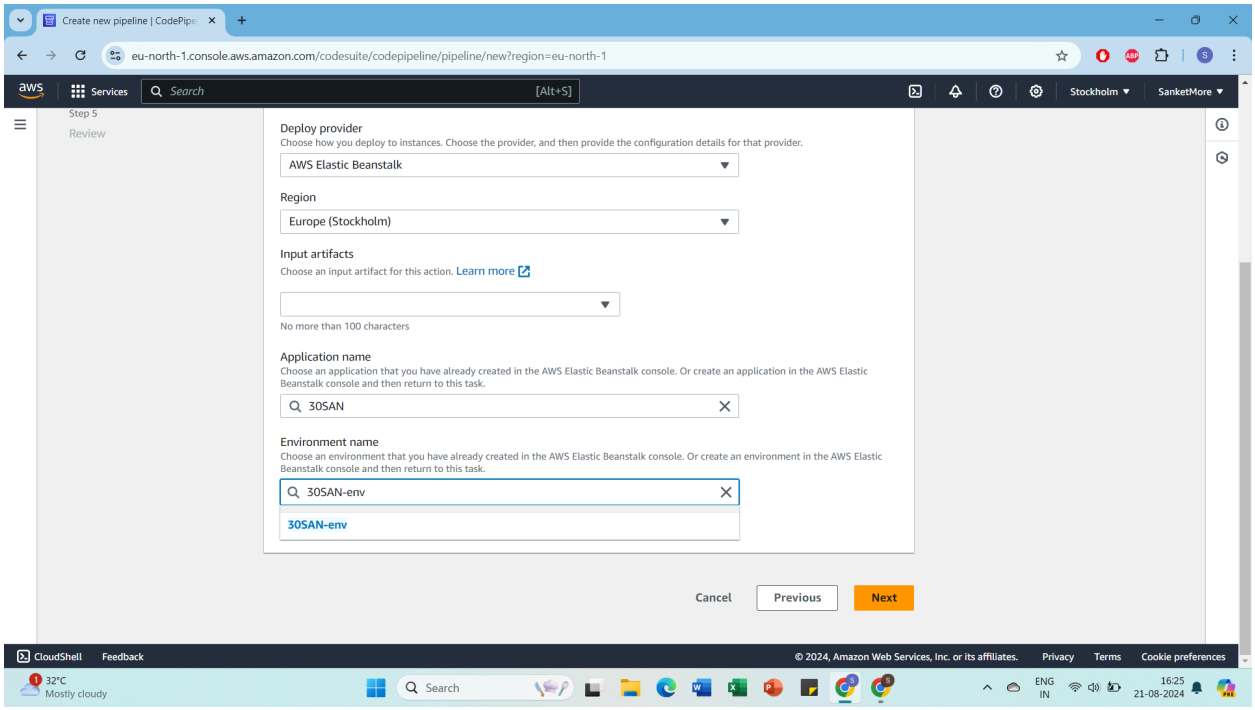
Create new pipeline | CodePipe
eu-north-1.console.aws.amazon.com/codesuite/codepipeline/pipeline/new?region=eu-north-1
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Step 5
Review
Deploy provider
Choose how you deploy to instances. Choose the provider, and then provide the configuration details for that provider.
AWS Elastic Beanstalk
Region
Europe (Stockholm)
Input artifacts
Choose an input artifact for this action. Learn more
No more than 100 characters
Application name
Choose an application that you have already created in the AWS Elastic Beanstalk console. Or create an application in the AWS Elastic Beanstalk console and then return to this task.
30SAN
Environment name
Choose an environment that you have already created in the AWS Elastic Beanstalk console. Or create an environment in the AWS Elastic Beanstalk console and then return to this task.
30SAN-env
30SAN-env
Cancel
Previous
Next
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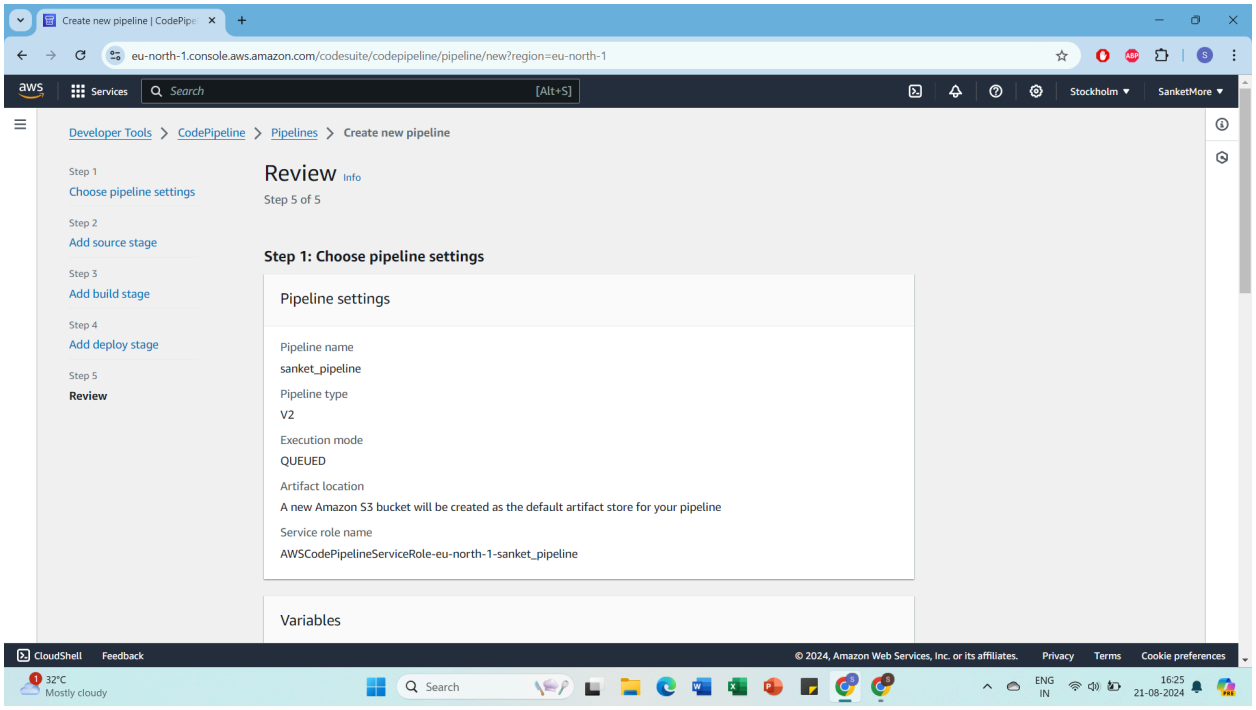
Create new pipeline | CodePipe
eu-north-1.console.aws.amazon.com/codesuite/codepipeline/pipeline/new?region=eu-north-1
Services
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Stockholm
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Developer Tools > CodePipeline > Pipelines > Create new pipeline
Step 1
Choose pipeline settings
Step 2
Add source stage
Step 3
Add build stage
Step 4
Add deploy stage
Step 5
Review
Review Info
Step 5 of 5
Step 1: Choose pipeline settings
Pipeline settings
Pipeline name
sanket_pipeline
Pipeline type
V2
Execution mode
QUEUED
Artifact location
A new Amazon S3 bucket will be created as the default artifact store for your pipeline
Service role name
AWSCodePipelineServiceRole-eu-north-1-sanket_pipeline
Variables
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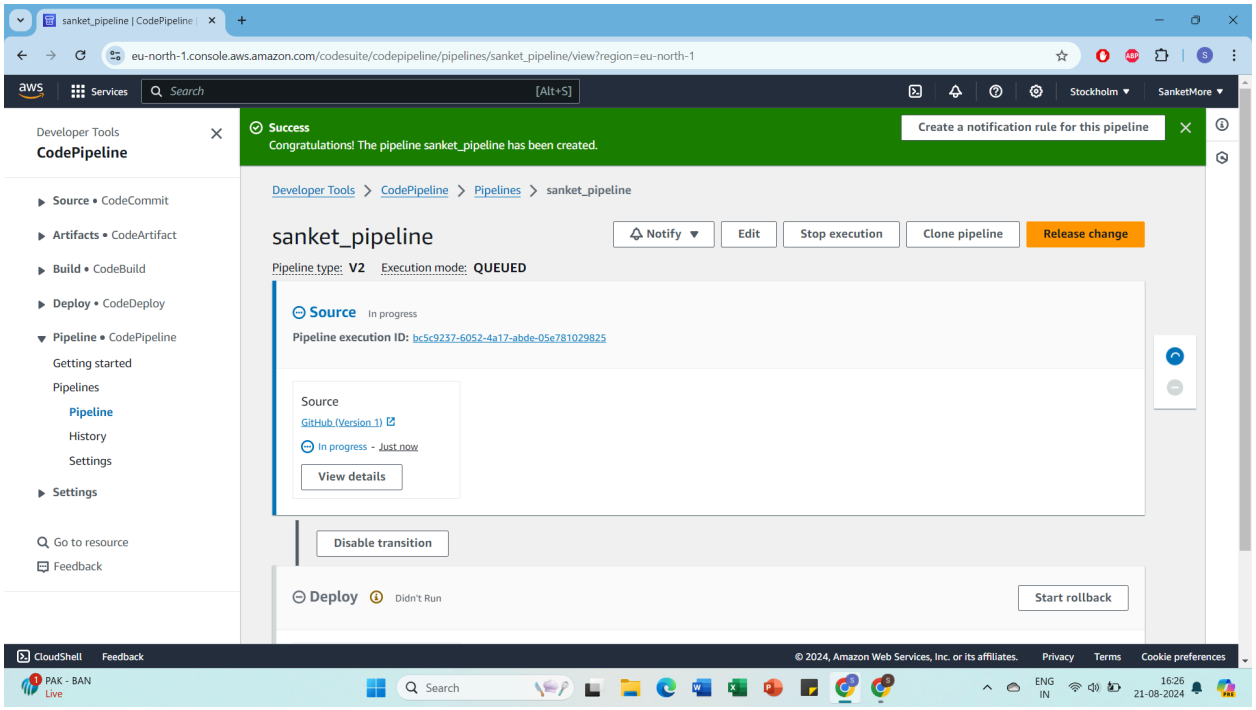
sanket_pipeline | CodePipeline
eu-north-1.console.aws.amazon.com/codesuite/codepipeline/pipelines/sanket_pipeline/view?region=eu-north-1
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Developer Tools
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Artifacts • CodeArtifact
Build • CodeBuild
Deploy • CodeDeploy
Pipeline • CodePipeline
Getting started
Pipelines
Pipeline
History
Settings
Settings
Go to resource
Feedback
Success
Congratulations! The pipeline sanket_pipeline has been created.
Create a notification rule for this pipeline
Developer Tools > CodePipeline > Pipelines > sanket_pipeline
sanket_pipeline
Notify
Edit
Stop execution
Clone pipeline
Release change
Pipeline type: V2
Execution mode: QUEUED
Source
In progress
Pipeline execution ID: bc5c9237-6052-4a17-abde-05e781029825
Source
GitHub (Version 1)
In progress - Just now
View details
Disable transition
Deploy
Didn't Run
Start rollback
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Special Offers

- Happy Hour
- Weekend Special

Home

Welcome to Italian Food, where the essence of Italy comes alive in every dish. Nestled in the heart of Thane, our restaurant offers a delightful escape to the enchanting landscapes and rich culinary traditions of Italy. From our handmade pasta to our wood-fired pizzas, each meal is crafted with passion, using the freshest ingredients and time-honored recipes passed down through generations. Whether you're enjoying a romantic dinner, a family gathering, or a special celebration, La Dolce Vita promises an unforgettable dining experience filled with warmth, flavor, and Italian hospitality. Buon Appetito!