

The screenshot shows the Amazon Bedrock console home page. The left sidebar contains navigation links for Discover, Test, Infer, Tune, and Model catalog. The main content area features a blue banner for 'New models available' (Qwen3-32B) and 'Introducing the new Tokenizer'. Below this is the 'Overview' section with a 'Model catalog' card and a 'Model spotlight' card for 'Qwen3-Coder-480B'. A 'View Model catalog' button is present in the catalog card. The bottom right corner shows a weather widget for 40°F Cloudy.

The screenshot shows the 'Knowledge Bases' page under the Amazon Bedrock console. The left sidebar includes 'Discover', 'Test', 'Infer', 'Tune', and 'Knowledge Bases'. A blue banner at the top introduces S3 Vectors as a vector store (currently in preview). The main content area has tabs for 'Knowledge Bases' and 'Chat with your document'. The 'Knowledge Bases' section contains a 'How it works' section with three steps: 1. Create a Knowledge Base with a Vector store or Structured data store; 2. Test the Knowledge Base by querying it; 3. Use the Knowledge Base by integrating it into an application. To the right, there is a sidebar for 'Amazon Q' with a message from the AI assistant and a text input field for asking questions about AWS.

The screenshot shows the Amazon Bedrock Knowledge Base configuration page. On the left, a sidebar lists categories like Discover, Test, Infer, Tune, and Build. The main content area displays a green success message: "Amazon OpenSearch Serverless vector database is ready." Below this, another message states: "Knowledge Base 'knowledge-base-quick-start-myagent' created successfully. Sync one or more data sources to index your content for searching. Syncing can take from a few minutes to a few hours." A "Go to data sources" button is present. The knowledge base overview section includes fields for Knowledge Base name (knowledge-base-quick-start-myagent), Knowledge Base ID (ABE4KTBA25), Knowledge Base description (empty), Service Role (AmazonBedrockExecutionRoleForKnowledgeBase\_ju6bv), Status (Available), and Created date (November 14, 2025, 10:33 (UTC-05:00)). The Log Deliveries and Retrieval-Augmented Generation (RAG) type sections are also visible. The Data source (1) section shows a single data source entry with options to Sync, Stop sync, or Add. The bottom navigation bar includes CloudShell, Feedback, and various AWS service icons.

This screenshot shows the same Amazon Bedrock Knowledge Base configuration page after a sync operation. A green message at the top indicates "Sync completed for data source - 'knowledge-base-myagent-data-source'". The rest of the interface is identical to the first screenshot, showing the knowledge base overview, data source list, and navigation bar.

The screenshot shows the Amazon Bedrock Agent builder interface. On the left, a sidebar lists various features under 'Discover', 'Test', 'Infer', and 'Tune'. The main area is titled 'Agent builder' and shows a success message: 'Agent: agent-1234 was successfully created.' Below this, there are tabs for 'Manual', 'Assistant', 'Test' (which is selected), 'Prepare', and 'Save'. The 'Agent details' section contains fields for 'Agent name' (set to 'agent-1234'), 'Agent description - optional' (with a placeholder 'Enter description'), and 'Agent resource role' (set to 'Create and use a new service role'). A dropdown menu for 'AmazonBedrockExecutionRoleForAgents\_VBK4PCMQ5XJ' is open. The 'Test Agent' panel on the right has a message input field 'Enter your message here' and a 'Run' button.

This screenshot is nearly identical to the one above, showing the same interface and success message for creating an agent. However, the 'Agent resource role' dropdown now shows a different value: 'arn:aws:iam::203081517573:role/service-role/AmazonBedrockEx...'. The 'Test Agent' panel remains the same.

The screenshot shows the Amazon Bedrock Agent builder interface. On the left, a sidebar lists various features under 'Discover', 'Test', 'Infer', and 'Tune'. The main area is titled 'Agent builder' with tabs for 'Manual' (selected), 'Assistant', 'Test', 'Prepare', and 'Save'. A success message box at the top right contains three items: 'Successfully added Knowledge Base knowledge-base-quick-start-myagent to agent. Prepare the agent to keep its details up to date.', 'Agent: agent-1234 was successfully updated. Prepare the agent to keep its details up to date.', and 'Agent: agent-1234 was successfully prepared.' Below this is the 'Agent details' section, which includes fields for 'Agent name' (set to 'agent-1234'), 'Agent description - optional' (with placeholder 'Enter description'), and 'Agent resource role' (radio button selected for 'Create and use a new service role'). To the right is the 'Test Agent' panel, which displays a message input field 'Enter your message here' and a large 'Run' button. The status bar at the bottom indicates '© 2025, Amazon Web Services, Inc. or its affiliates.' and shows the date and time as '14-11-2025'.

The screenshot shows the Amazon Bedrock Test Agent interface. The left sidebar is identical to the previous screenshot. The main area is titled 'Test Agent' and shows a user message 'What are the best restaurants around here?'. Below it, a response card provides information about local restaurants, mentioning Five Guys, Wendy's, McDonald's, Taco Bell, Chipotle, and Domino's. The response card also includes a note about Starbucks and Dunkin' Donuts being the most common coffee shops near me. To the right is the 'Trace' panel, which is currently active. It shows a 'Pre-Processing Trace' tab with the sub-section 'No trace steps available'. It instructs the user to 'Select a response from the left to see the trace here.' The status bar at the bottom indicates '© 2025, Amazon Web Services, Inc. or its affiliates.' and shows the date and time as '14-11-2025'.

The screenshot shows the AWS Lambda console interface. At the top, there are tabs for 'Info' and 'Tutorials'. The 'Tutorials' tab is active, displaying a 'Create a simple web app' section with a brief description and a bulleted list of steps:

- Build a simple web app, consisting of a Lambda function with a function URL that outputs a webpage
- Invoke your function through its function URL

Below this, there is a 'Learn more' link and a 'Start tutorial' button.

The main content area displays the function details:

- Description:** smart-service-lambda
- Last modified:** 3 seconds ago
- Function ARN:** arn:aws:lambda:us-east-1:203081517573:function:smart-service-lambda
- Function URL:** (Info)

On the left, there are tabs for 'Diagram' and 'Template'. Below the diagram, there are buttons for '+ Add trigger' and '+ Add destination'. At the bottom, there are tabs for 'Code', 'Test', 'Monitor', 'Configuration', 'Aliases', and 'Versions'.

The 'Code' tab is selected, showing the code editor with the following Python code:lambda\_function.py
# Import boto3
import boto3
sns = boto3.client("sns")
ses = boto3.client("ses")

def lambda\_handler(event, context):
 # Get the event details
 action = event.get("action")
 message = event.get("message")
 phone = event.get("phone")
 email = event.get("email")

 # Send SMS
 if action == "sendSMS" and phone and message:
 sns.publish(PhoneNumber=phone, Message=message)
 return {"status": "SMS sent"}

 # Send Email
 if action == "sendEmail" and email and message:
 ses.send\_email(
 Source=email,
 Destination={"ToAddresses": [email]},
 Message={
 "Subject": {"Data": "Deals for you"},
 "Body": {"Text": {"Data": message}},
 },
 )

This screenshot is identical to the one above, showing the AWS Lambda function overview page for 'smart-service-lambda'. The 'Code' tab is selected, displaying the same Python code for the lambda function.

The screenshot shows the AWS Lambda console interface. A success message at the top states: "The test event \*testSendSMS\* was successfully saved." The main area displays the code source for a Lambda function named "lambda\_function.py". The function contains a single line of Python code defining a handler function:

```
def lambda_handler(event, context):
```

The "TEST EVENTS" section shows a successful test event named "testSendSMS" with the response:

```
{"status": "SMS sent"}
```

Function logs indicate a successful execution with a duration of 226.48 ms and memory usage of 128 MB.

The right sidebar features a "Tutorials" tab with a "Create a simple web app" section. It includes a list of steps:

- Build a simple web app, consisting of a Lambda function with a function URL that outputs a webpage
- Invoke your function through its function URL

Buttons for "Learn more" and "Start tutorial" are also present.

The screenshot shows the AWS IAM Roles page. A success message at the top states: "Policies have been successfully attached to role." The main area displays a table of attached policies:

Policy name	Type	Attached entities
AmazonBedrockFullAccess	AWS managed	3
AmazonSESFullAccess	AWS managed	1
AmazonSNSFullAccess	AWS managed	2
AWSLambdaBasicExecutionRole-7c3568fa...	Customer managed	1

The "Permissions boundary" section is set to "not set".

The "Generate policy based on CloudTrail events" section indicates no requests to generate a policy in the past 7 days.

The bottom of the screen shows the standard AWS navigation bar and system status indicators.

Screenshot of the AWS End User Messaging - Request originator page.

The page shows a step-by-step process:

- Step 1: Select country (United States)
- Step 2: Define use case (Estimated monthly message volume: Less than 5000, Company Headquarters: Local, Two-way SMS messaging: No, International sending: No)
- Step 3: Select originator type (Number type: Product Long code, Registration: -, Number capabilities: Voice, Cost estimate: View pricing details)
- Step 4: Review and request

At the bottom, there is a CloudShell link and a feedback section.

Screenshot of the AWS End User Messaging - Phone numbers page showing a successfully added long code.

The success message states: "Success: New long code +12065576782 was successfully added to your account."

The number details for +12065576782 are displayed:

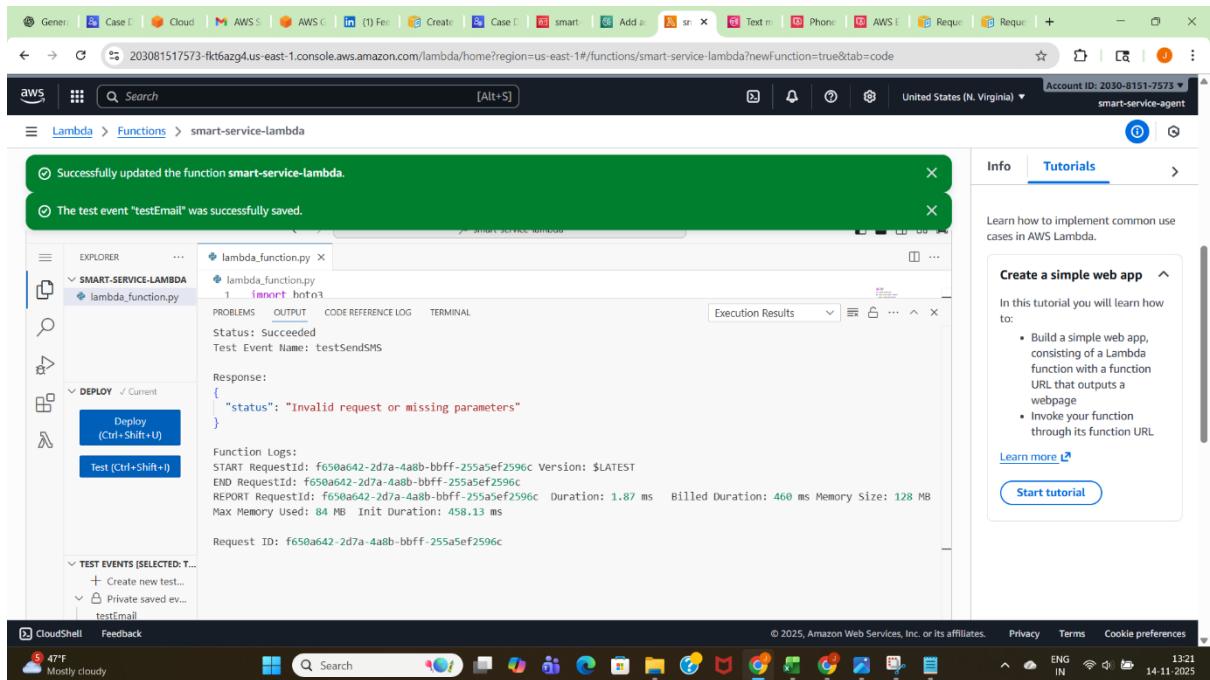
Capability	Phone number ID	Status
Voice	phone-adda3308c0cd439695d9652f99368a5f	Pending
Phone number type	Amazon Resource Name (ARN)	Creation date
Long code	arn:aws:sms-voice:us-east-1:203081517573:phone-number/phone-adda3308c0cd439695d9652f99368a5f	November 14, 2025 12:41 PM (UTC-05:00)
Message type	Phone pool	Monthly fee
Transactional	-	\$1.00
Country		
United States		

Below the number details, there is a "Two-way SMS" section with an "Edit settings" button.

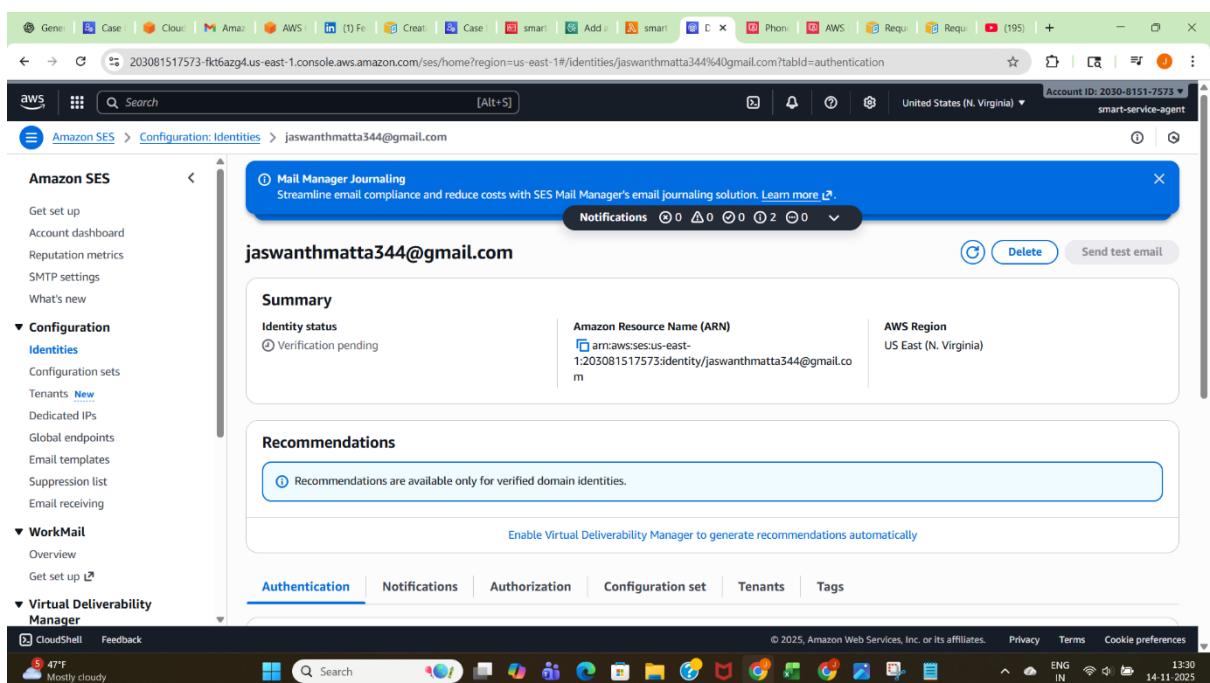
On the left sidebar, the "Phone numbers" section is expanded, showing options like Sender IDs, Registrations, Configuration sets, and Opt-out lists.

At the bottom, there is a CloudShell link and a feedback section.

Screenshot of the AWS Lambda console showing the successful update of the function "smart-service-lambda". The Lambda function code is displayed in the code editor, and the test event "testEmail" is successfully saved. The Lambda function has a status of Succeeded, and the response indicates an invalid request or missing parameters. A tooltip provides information on how to implement common use cases in AWS Lambda.



Screenshot of the AWS SES console showing the configuration of identities for the email address "jaswanthmatta344@gmail.com". The identity status is verification pending, and the ARN is listed as arn:aws:ses:us-east-1:203081517573:identity/jaswanthmatta344@gmail.com. The AWS Region is set to US East (N. Virginia). The Recommendations section indicates that recommendations are available only for verified domain identities. The Authentication tab is selected.



The screenshot shows the AWS SES Identity configuration page. The identity status is verified. The Amazon Resource Name (ARN) is arn:aws:ses:us-east-1:203081517573:identity/jaswanthmatta344@gmail.com. The AWS Region is US East (N. Virginia). The Recommendations section indicates that recommendations are available only for verified domain identities. The Authentication tab is selected. The page includes a summary, recommendations, and tabs for Notifications, Authorization, Configuration set, Tenants, and Tags.

The screenshot shows the Gmail inbox. An email from complaints@email-abuse.amazonaws.com is open. The subject is FW:SEs. The message body is as follows:

Hello.  
This is an example of a complaint email response.  
Thank you,  
-Amazon SES Mailbox Simulator

----- Forwarded message -----  
From: jaswanthmatta344@gmail.com  
To: complain@simulator.amazonaws.com  
Cc:  
Bcc:  
Date: Fri, 14 Nov 2025 18:34:36 +0000  
Subject: SEs

At the bottom, there are buttons for Reply, Forward, and a trash icon.

Successfully updated the function smart-service-lambda.

Code source Info

EXPLORER lambda\_function.py

lambda\_function.py

```
def lambda_handler(event, context):
```

PROBLEMS OUTPUT CODE REFERENCE LOG TERMINAL

Status: Succeeded

Test Event Name: testEmail

Response:

```
{"status": "Email sent successfully"}
```

Function Logs:

```
START RequestId: c7574792-d671-44df-83f1-25b3116a106f Version: $LATEST
END RequestId: c7574792-d671-44df-83f1-25b3116a106f
REPORT RequestId: c7574792-d671-44df-83f1-25b3116a106f Duration: 342.20 ms Billed Duration: 735 ms Memory Size: 128 MB
Max Memory Used: 85 MB Init Duration: 392.10 ms
Request ID: c7574792-d671-44df-83f1-25b3116a106f
```

in:spam

Your Requested Information Spam

jaswanthmatta344@gmail.com via amazonises.com  
to me ▾

1:59PM (0 minutes ago)

Why is this message in spam? This message is similar to messages that were identified as spam in the past.

Report not spam

Hello! This is a test email from my Lambda.

Reply Forward

Inbox 6,404

Starred

Snoozed

Sent

Drafts 17

Purchases 159

Less

Important

Scheduled

All Mail

Spam 34

Trash

Manage labels

Create new label

Labels +

Upgrade →

The screenshot shows the AWS Lambda console interface. On the left, there's a sidebar with options like SMART-SERVICE-LAMBDA, Deploy, Test, and Environment Variables. The main area displays the function code (lambda\_function.py) and its execution results. The status is 'Succeeded' with the message 'Test Event Name: NewEvent'. The response body includes a JSON object indicating success: "messageVersion": "1.0", "response": { "actionGroup": "action\_group\_myagent", "function": "sendEmail", "functionResponse": { "responseState": "SUCCESS", "responseBody": { "TEXT": { "body": "Email successfully sent to jaswanthmatta344@gmail.com" } } } }. Below this, the function logs show a request from Bedrock with the message "Email successfully sent to jaswanthmatta344@gmail.com". To the right, there's a 'Tutorials' panel titled 'Create a simple web app' with a 'Start tutorial' button.

The screenshot shows a Gmail inbox with a search bar containing 'in:spam'. A single email from 'jaswanthmatta344@gmail.com' is visible, with a red circle icon indicating it's spam. The subject of the email is 'Your Requested Information'. The email body contains the text: 'Hello! This is a test email from Bedrock-style event.' At the bottom of the email, there are 'Reply', 'Forward', and 'Report not spam' buttons. The left sidebar shows the user's inbox, starred, snoozed, sent, drafts, purchases, less, important, scheduled, all mail, and a highlighted 'Spam' folder containing 34 items. The bottom of the screen shows a taskbar with various application icons.

The screenshot shows the AWS Lambda Agent builder interface. On the left, a sidebar lists various features like Chat / Text playground, Image / Video playground, Watermark detection, Tokenizer, Infer, Tune, Build, and others. The main area displays two green success notifications: "Agent: agent-1234 was successfully updated. Prepare the agent to keep its details up to date." and "Agent: agent-1234 was successfully prepared." Below these, the "Agent builder" section is open, showing fields for Agent name (agent-1234), Agent description (optional), Agent resource role (Create and use a new service role or Use an existing service role selected), and a dropdown for the service role. A preview window titled "Test Agent" shows a message from "Using ODT Chan": "Find me a burger under 10 dollars and email it to jaswanthmatta344@gmail.com". The message continues with "Here are some burger deals under 10 dollars:" followed by a bulleted list: "Five Guys occasionally has a 'small cheeseburger + fries' lunch offer for around \$9.", "McDonald's recently launched a 'Buy one, get one for \$1' spicy chicken sandwich deal.", "McDonald's is offering a \$5 meal bundle which includes a McDouble, small fries, and a drink.", "Burger King has a \$3 breakfast bundle including a croissantwich and hash browns. They also run a Whopper Jr duo deal for around \$5 during evenings.", "Domino's offers a carryout special: large 1-topping pizza for \$7.99. Their mix & match deal lets you pick any 2 items for \$6.99 each (bread twists, pasta, sandwiches, pizzas, etc.).", "Little Caesars hot-n-ready pizza sometimes sells for \$5.55 depending on region.", "Chick-fil-A rewards rotate often: free nuggets, free waffle fries, or free brownie depending on branch location." At the bottom, there is a text input field "Enter your message here" and a "Run" button.

The screenshot shows a Gmail inbox with a search bar containing "in:spam". The left sidebar shows the Spam folder is selected, containing 34 messages. The main area displays an email from "jaswanthmatta344@gmail.com via amazonaws.com" with the subject "Your Requested Information". The message body contains a link to a website with a list of burger deals under \$10. Below the message, a button says "Report not spam". The bottom of the screen shows a Windows taskbar with various pinned icons and system status indicators.

The screenshot shows the Amazon Bedrock Agent builder interface. On the left, a sidebar lists various features like Chat / Text playground, Image / Video playground, Watermark detection, Tokenizer, Infer (Cross-region inference, Batch inference, Provisioned Throughput, Custom model on-demand), Tune (Custom models, Prompt router models, Imported models, Marketplace model deployment), and Build (Agents, Flows, Knowledge Bases, Automated Reasoning, Guardrails, Prompt Management). The main area displays the configuration for a 'Test Agent'. It includes sections for 'Knowledge Bases' (with one entry named 'knowledge-base-quick-start-myagent' in state 'ENABLED'), 'Guardrail details' (empty), and 'Orchestration strategy' (with tabs for Pre-processing, Orchestration, Post-processing, Knowledge Base resource, and Session summarization, all set to 'Default'). A preview window on the right shows a conversation where the agent responds to the question 'did you see any clothes in offer?' with a list of deals from Nike, H&M, and Adidas. The bottom status bar shows the date as 14-11-2025.

The screenshot shows a Gmail inbox with the search term 'in:spam' applied. The results list an email from 'jaswanthmatta344@gmail.com via amazones.com' with the subject 'Your Smart Service AI Assistant Update'. The email is marked as spam and includes a message about hoodie deals. The inbox sidebar shows labels for Inbox (6,404), Starred, Snoozed, Sent, Drafts (17), Purchases (159), Less, Important, Scheduled, All Mail, and Spam (34). The bottom status bar shows the date as 14-11-2025.