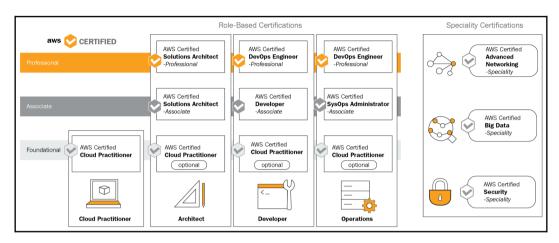
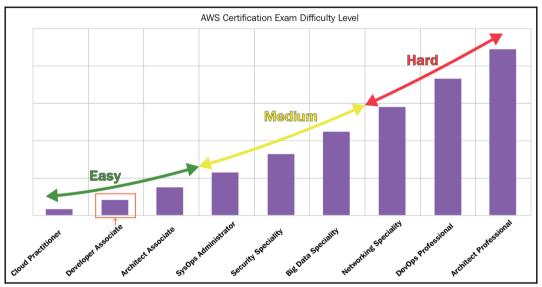
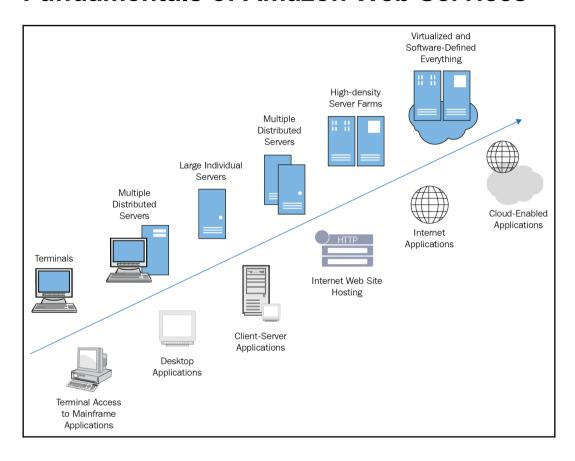
Chapter 1: Overview of AWS Certified Developer - Associate Certification

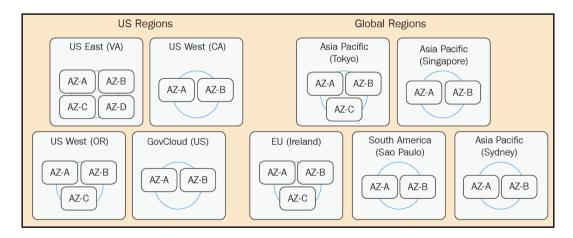




Chapter 2: Understanding the Fundamentals of Amazon Web Services

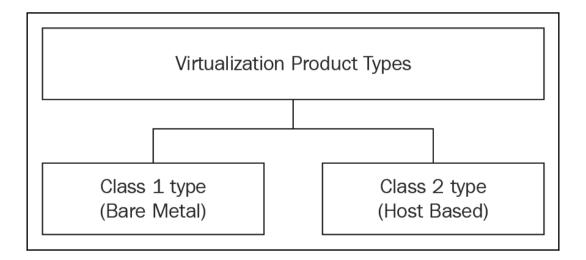


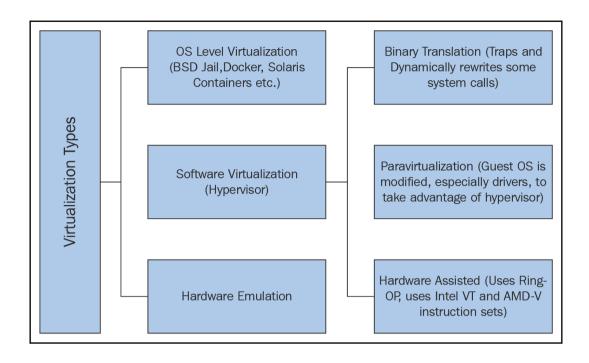
Geography	Currently available AWS Region	Number of Availability Zones
US-East	North Virgina	6
	Ohio	3
US-West	North California	3
	Oregon	3
	Mumbai	2
	Seoul	2
Asia Pacific	Singapore	3
	Sydney	3
	Tokyo	4
	Osaka-Local	1
Canada	Canada Central	2
China	Beijing	2
	Ningxia	2
Europe	Frankfurt	3
	Ireland	3
	London	3
	Paris	3
South America	Sao-Paolo	3
AWS GovCloud	US-West	3



My Software Package	laas	Paas	Saas
My Application	My Application	My Application	My Application
Data	Data	Data	Data
Runtime	Runtime	Runtime	Runtime
Middleware	Middleware	Middleware	Middleware
Operating Sys	Operating Sys	Operating Sys	Operating Sys
Virtualization	Virtualization	Virtualization	Virtualization
Servers	Servers	Servers	Servers
Storage	Storage	Storage	Storage
Networking	Networking	Networking	Networking

Managed by Me Managed by Vendor





Contact Information All fields are required. Please select the account type and complete the fields below with your contact details. Account type (1) ProfessionalPersonal Full name Company name Phone number Country/Region United States Address Street, P.O. Box, Company Name, c/o Apartment, suite, unit, building, floor, etc. City State / Province or region Postal code Check here to indicate that you have read and agree to the terms of the AWS Customer Agreement Create Account and Continue

Confirm your identity Before you can use your AWS account, you must verify your phone number. When you continue, the AWS automated system will contact you with a verification code. How should we send you the verification code? Text message (SMS)Voice call Country or region code India (+91) Cell Phone Number Security check **∢**》 n6wec Type the characters as shown above Send SMS

Select a Support Plan

AWS offers a selection of support plans to meet your needs. Choose the support plan that best aligns with your AWS usage. Learn more



Basic Plan

Free

- Included with all accounts
- 24/7 self-service access to forums and resources
- Best practice checks to help improve security and performance
- Access to health status and notifications



Developer Plan

From \$29/month

- For early adoption, testing and development
- Email access to AWS Support during business hours
- 1 primary contact can open an unlimited number of support cases
- 12-hour response time for nonproduction systems



Business Plan

From \$100/month

- For production workloads & business-critical dependencies
- 24/7 chat, phone, and email access to AWS Support
- Unlimited contacts can open an unlimited number of support cases
- 1-hour response time for production systems

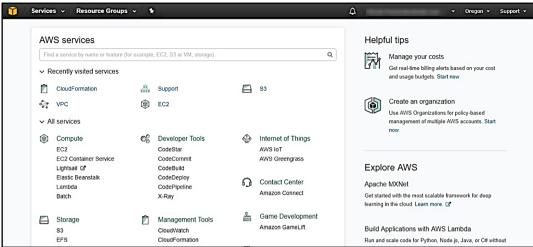
Need Enterprise level support?

Contact your account manager for additional information on running business and mission critical-workloads on AWS (starting at \$15,000/month). Learn more

▼Close Account

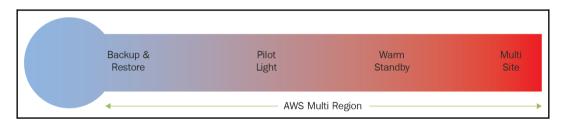
☑ I understand that by clicking this checkbox, I am willing to close my AWS account. Monthly usage of certain AWS services is calculated and billed at the beginning of the following month. If you have used these types of services this month, then at the beginning of next month you will receive a bill for usage that occurred prior to termination of your account. If you own a Reserved Instance for which you have elected to pay in monthly installments, when your account is closed you will continue to be billed your monthly recurring payment until the Reserved Instance is sold on the Reserved Instance Marketplace or it expires.

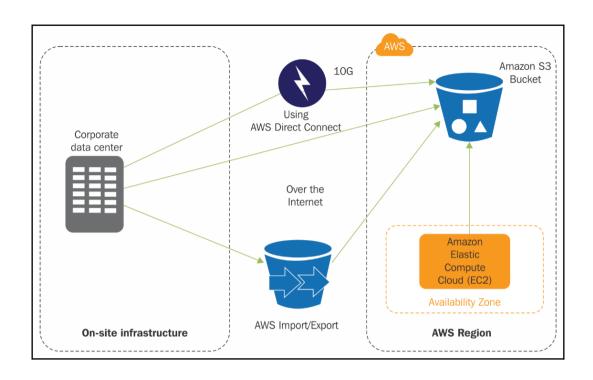
Close Account

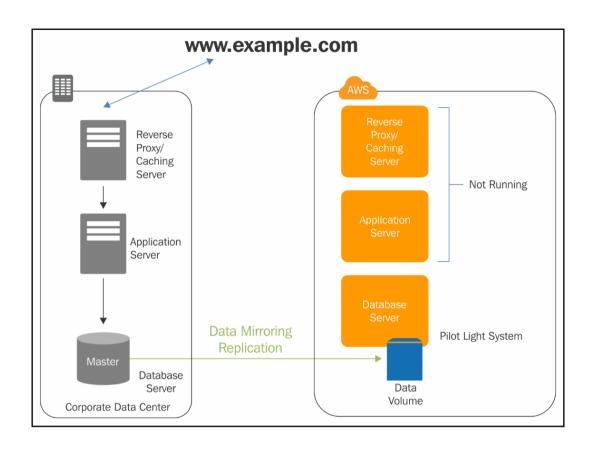


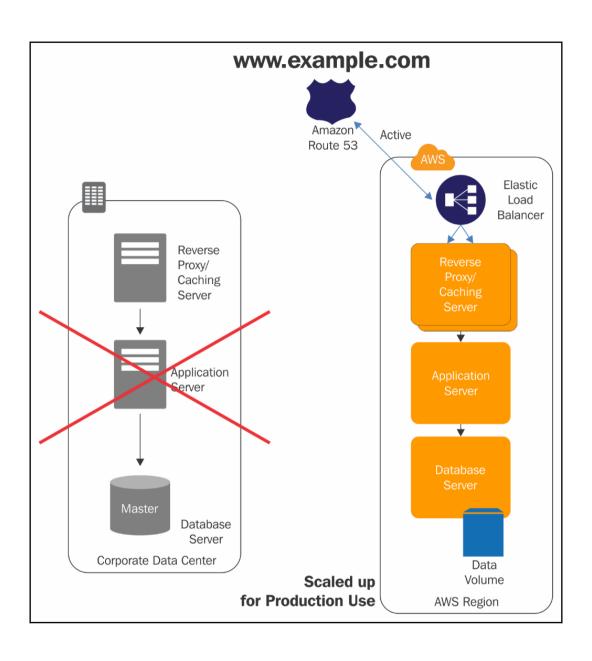


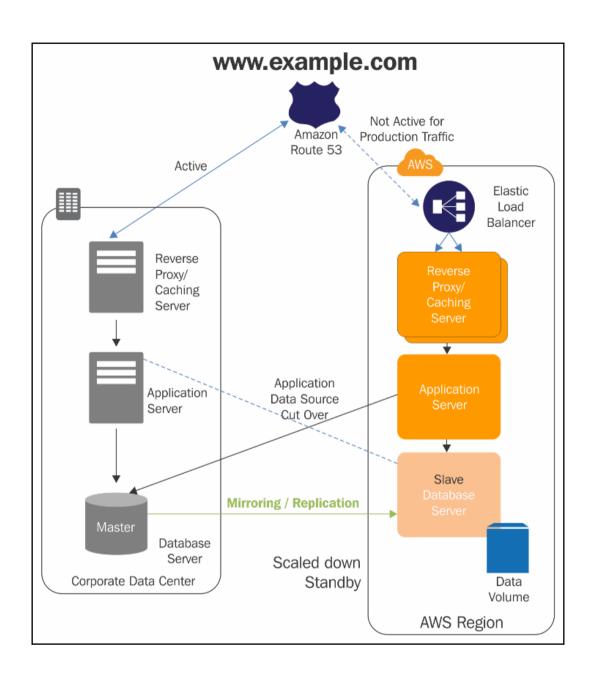
RESPONSIBLE FOR SECURITY "IN" THE CLOUD	CUSTOMER DATA						
	DECDONCIDI E FOD	PLATFORM, APPLICATIONS, IDENTITY & ACCESS MANAGEMENT					
	SECURITY	OPERATING SYSTEM, NETWORK & FIREWALL CONFIGURATION					
		CLIENT-SIDE DATA ENCRYPTION & DATA INTEGRITY AUTHENTICA	ITION			RK TRAFFIC PROTECTION PTION/INTEGRITY/IDENTITY)	
		сомрите		STORAGE	DATABAS	E	NETWORKING
M N	RESPONSIBLE FOR SECURITY "OF" THE CLOUD	AWS GLOBAL INFRASTRUCTURE			REGION	S	EDGE
				AVAILABILITY	ZONES	LOCATIONS	

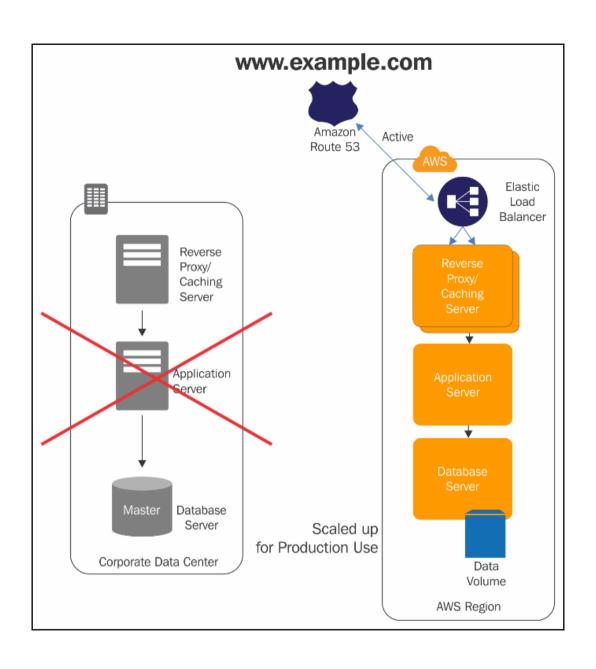


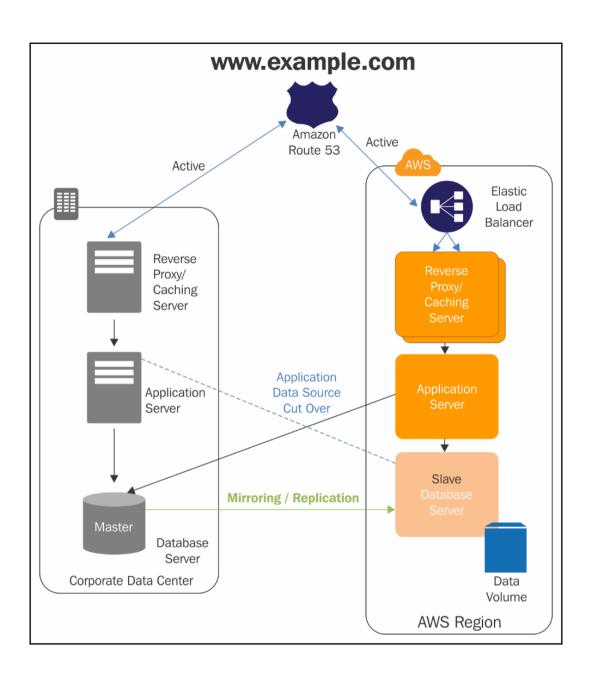


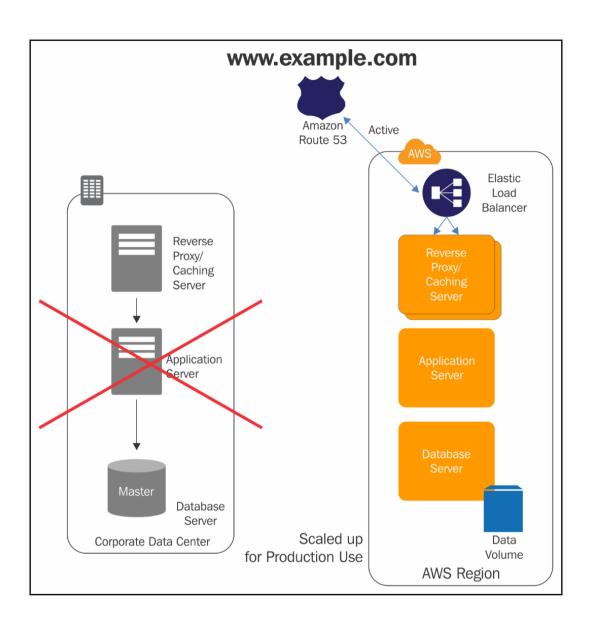












Chapter 3: Identity and Access Management (IAM)

AWS Account



Tom



Hellen

Jim

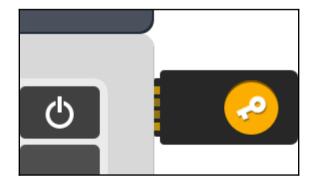
ERPApp



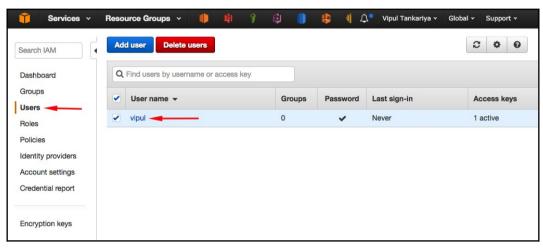
PayrollApp

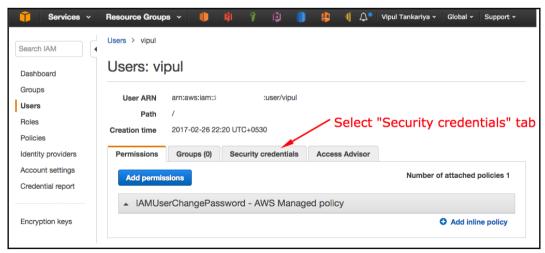


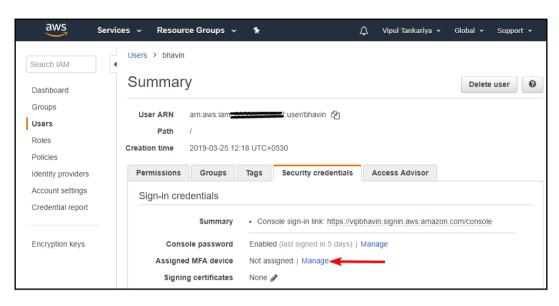
Minin	num password length:
	Require at least one uppercase letter 19
	Require at least one lowercase letter 19
	Require at least one number 19
	Require at least one non-alphanumeric character 6
~	Allow users to change their own password 6
	Enable password expiration 6
	Password expiration period (in days):
	Prevent password reuse 1
	Number of passwords to remember:
	Password expiration requires administrator reset 19
Ар	ply password policy Delete password policy

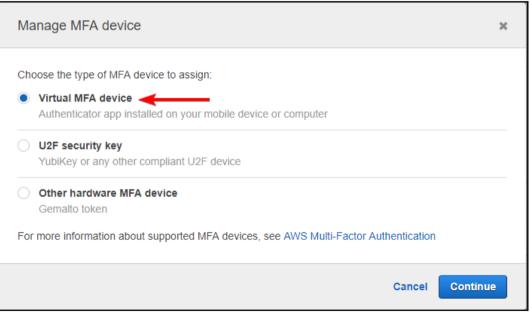












Set up virtual MFA device

×

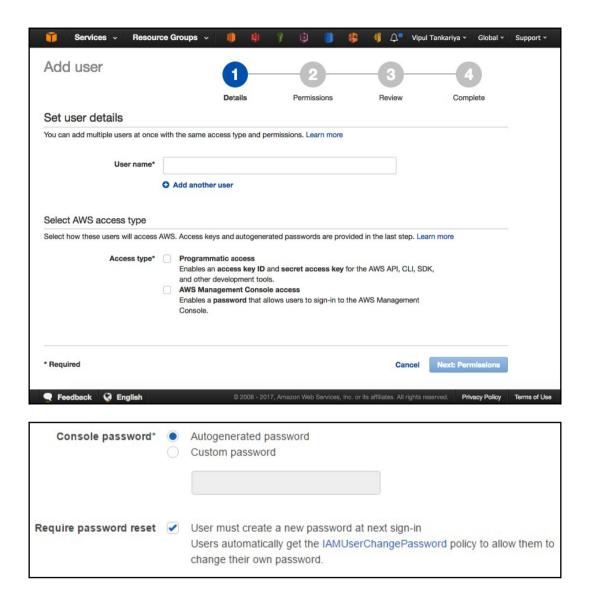
 Install a compatible app on your mobile device or computer See a list of compatible applications

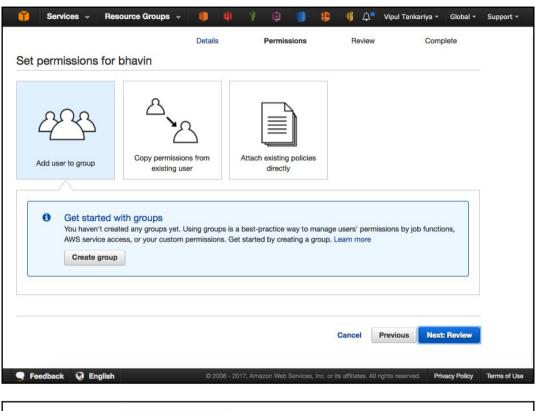
Virtual MFA Applications

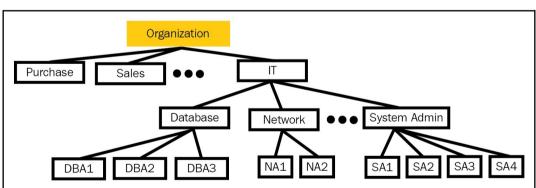
Applications for your smartphone can be installed from the application store that is specific to your phone type. The following table lists some applications for different smartphone types.

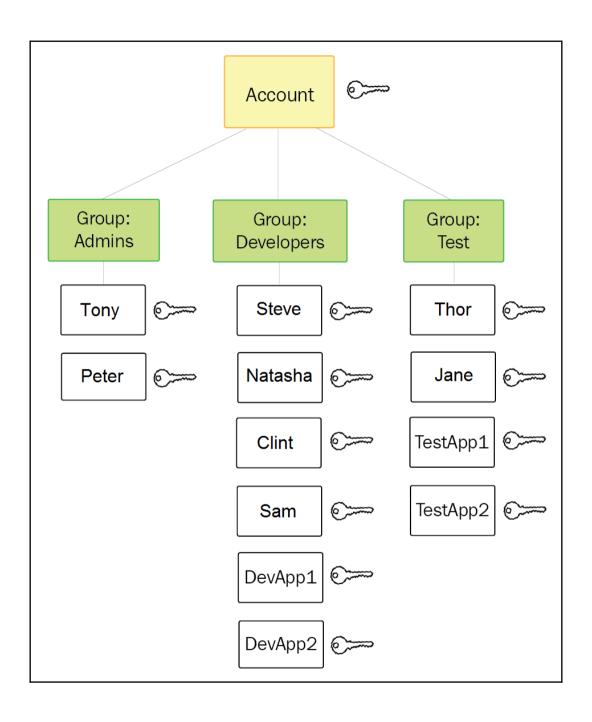
Android	Google Authenticator; Authy 2-Factor Authentication
iPhone	Google Authenticator; Authy 2-Factor Authentication
Windows Phone	Authenticator
Blackberry	Google Authenticator

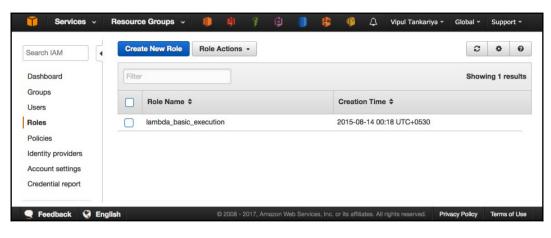
Set up virtual MFA device	×
Install a compatible app on your mobile device or computer See a list of compatible applications	
2. Use your virtual MFA app and your device's camera to scan the QR code	
Show QR code Alternatively, you can type the secret key. Show secret key	
3. Type two consecutive MFA codes below	
MFA code 1	
MFA code 2	
Cancel Previous Assign	MFA

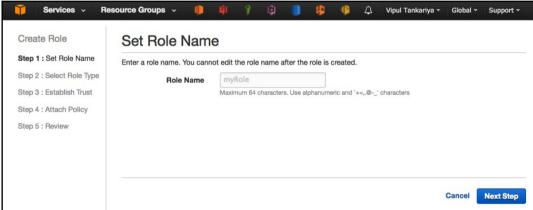


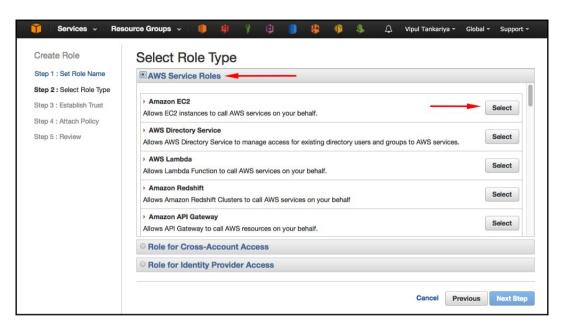


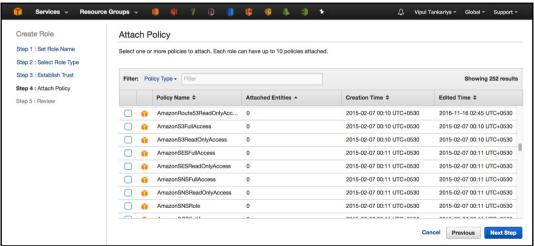


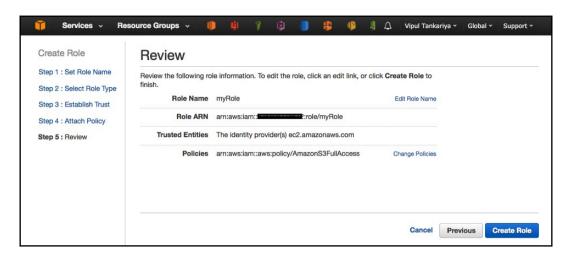


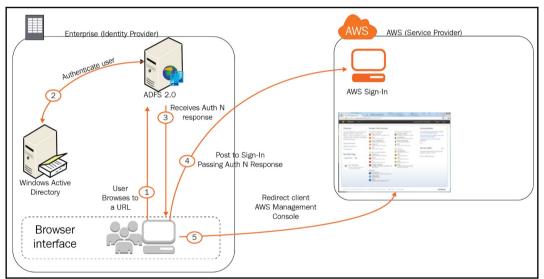


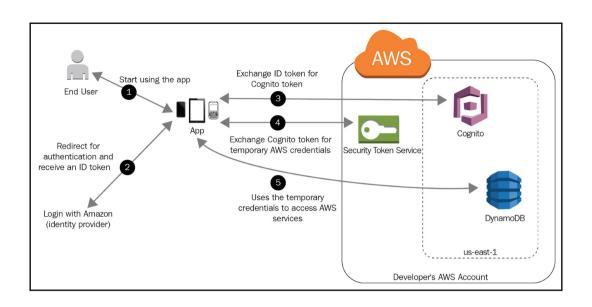




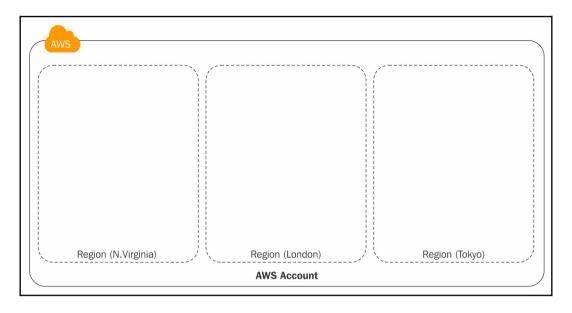


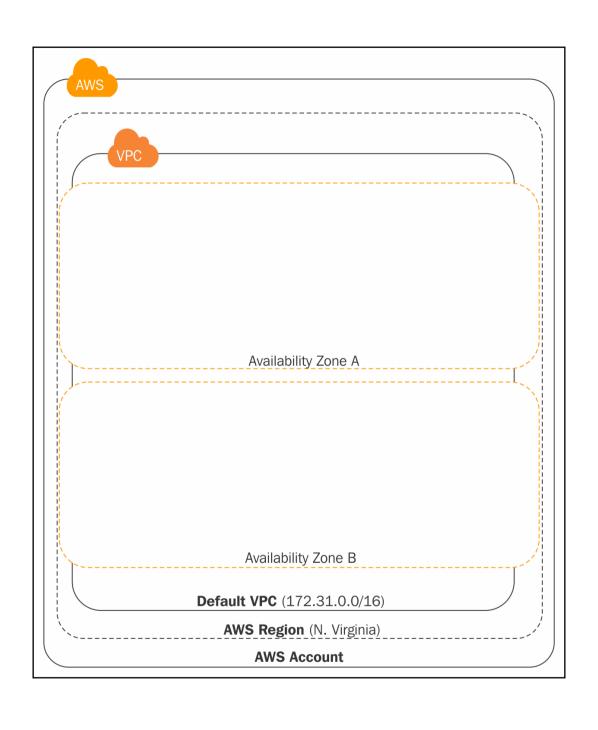


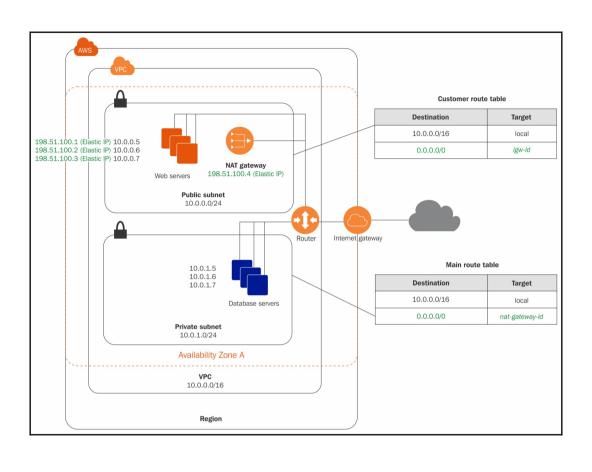


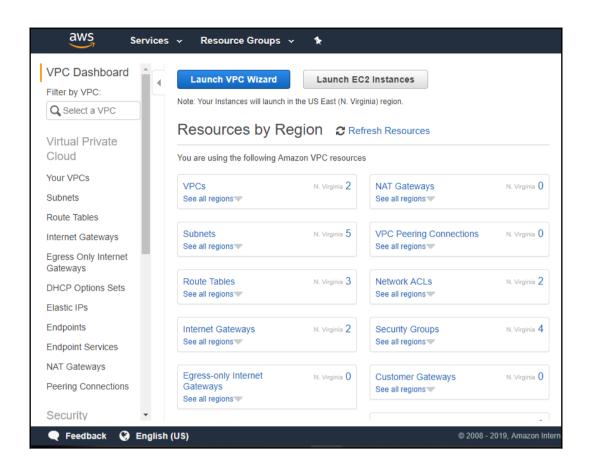


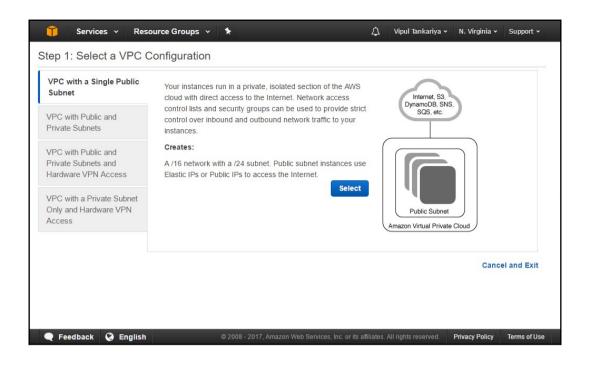
Chapter 4: Virtual Private Clouds

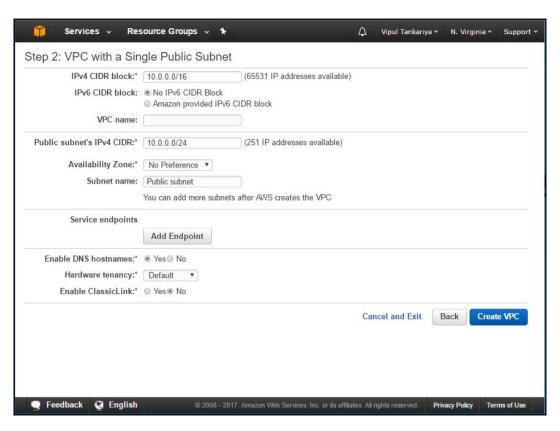


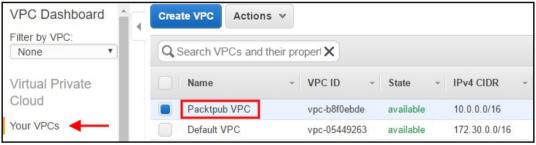


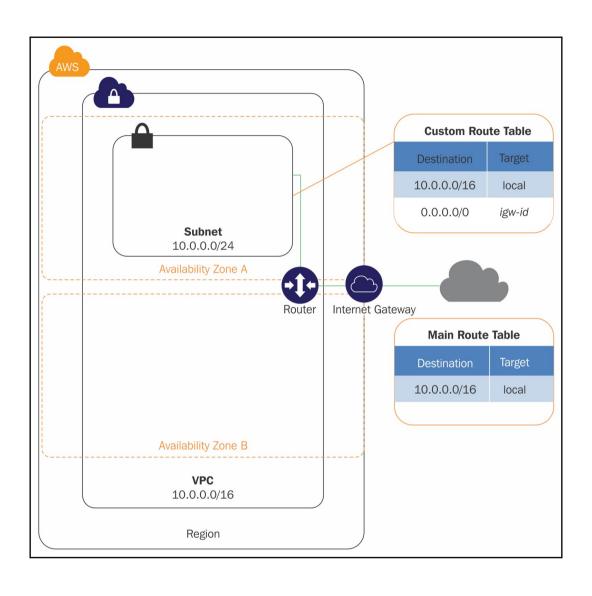


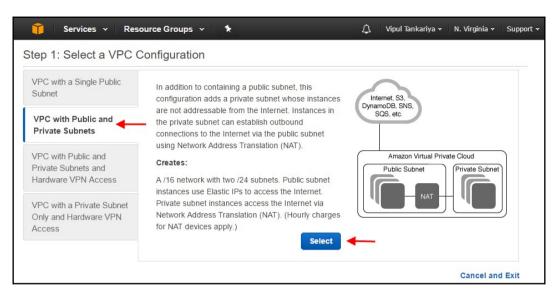


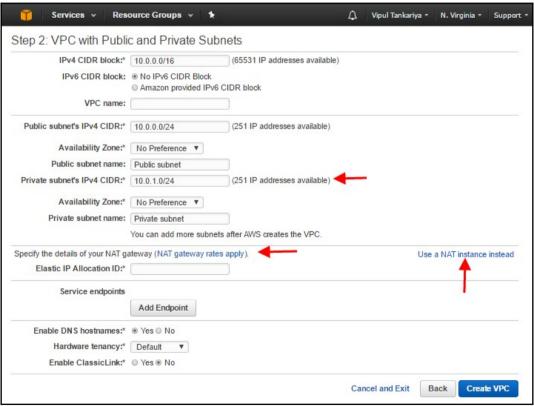


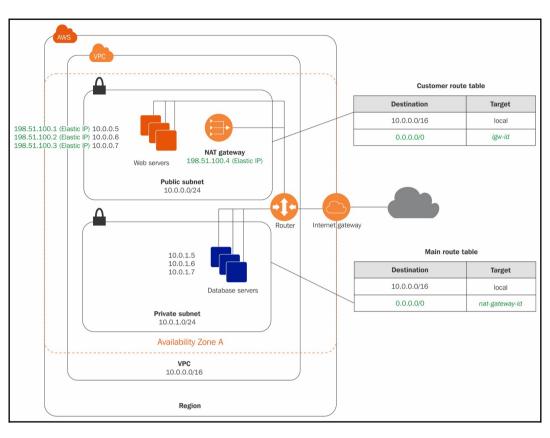




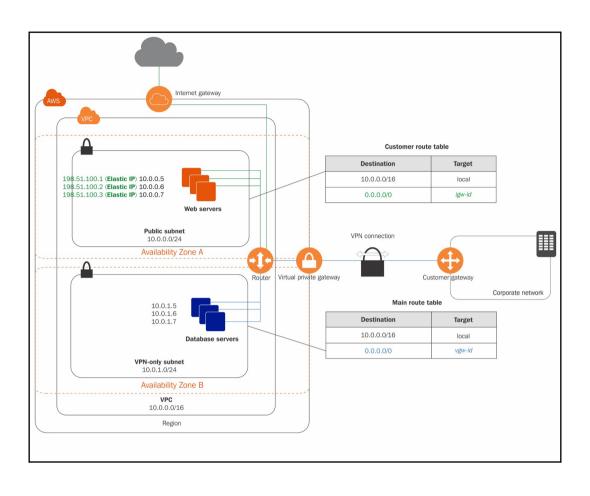


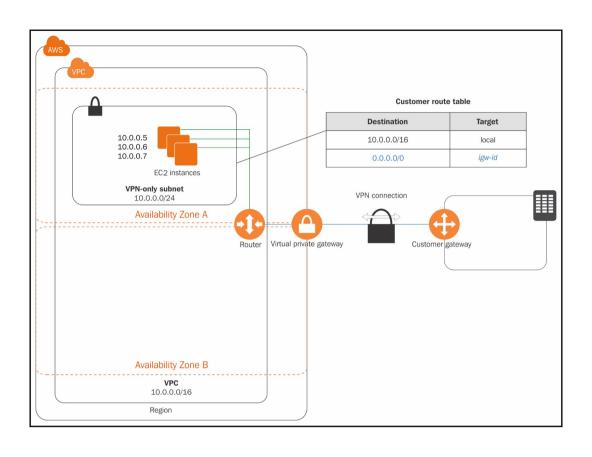


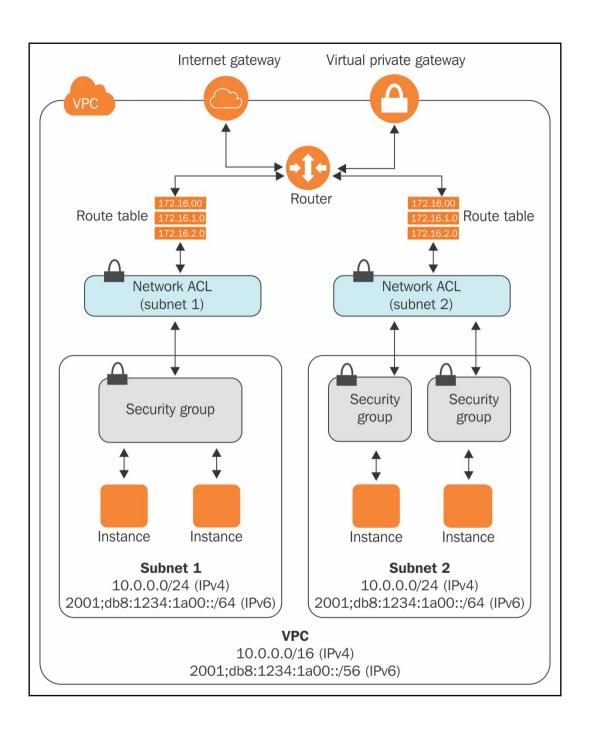


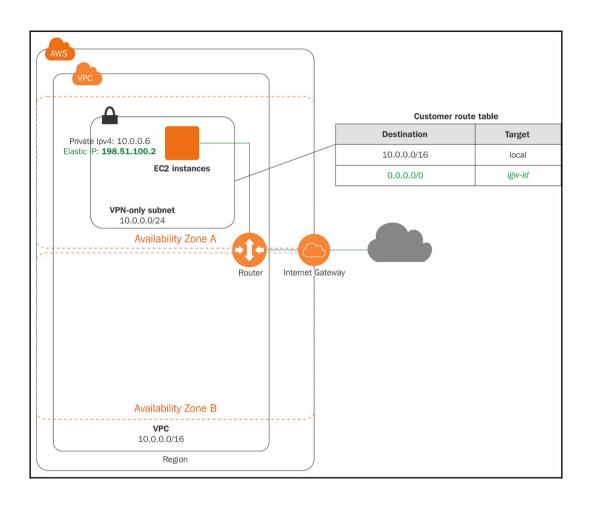


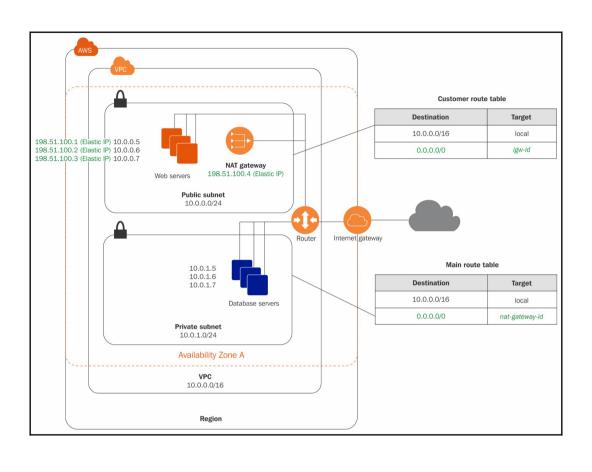




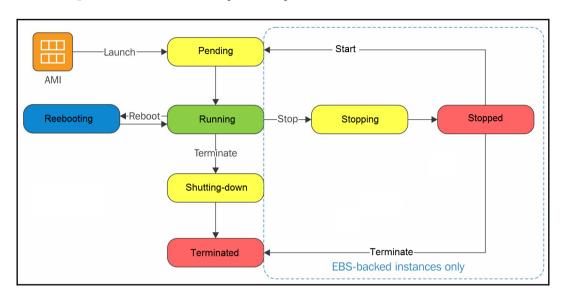


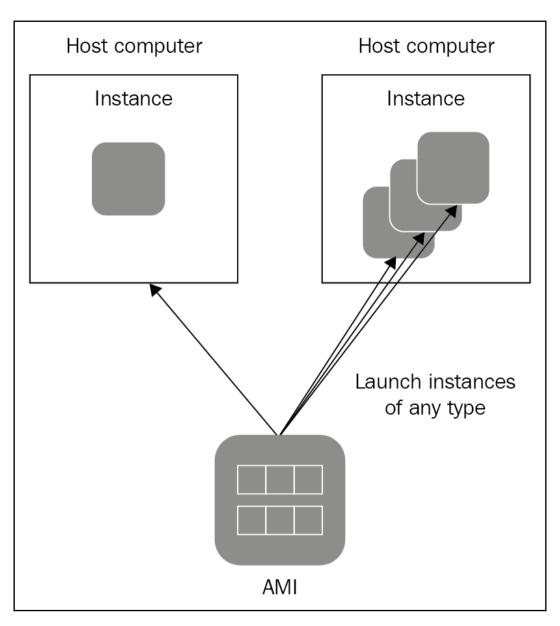




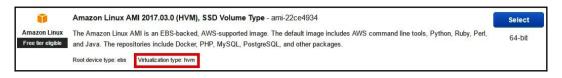


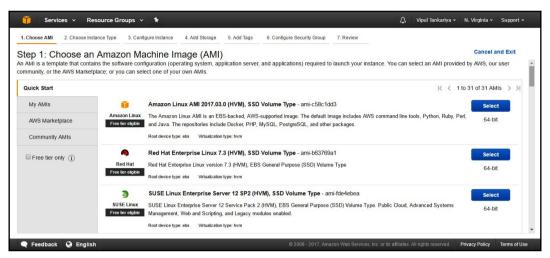
Chapter 5: Getting Started with Elastic Compute Cloud (EC2)

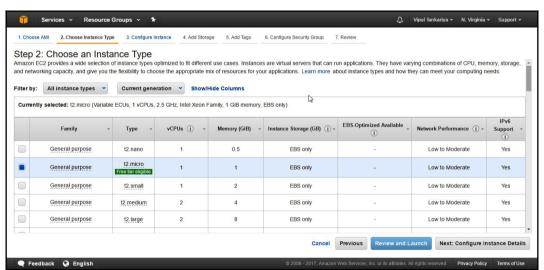


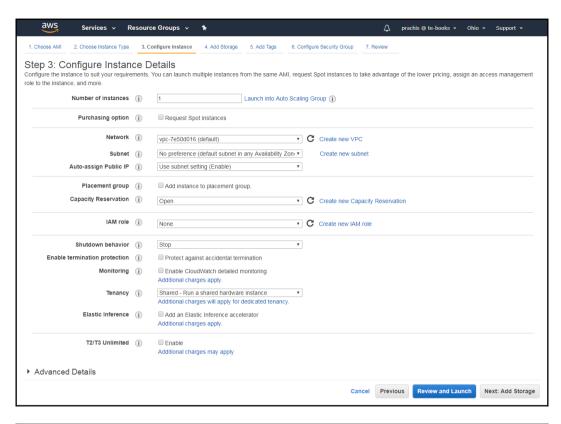


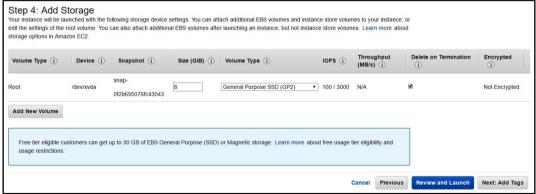


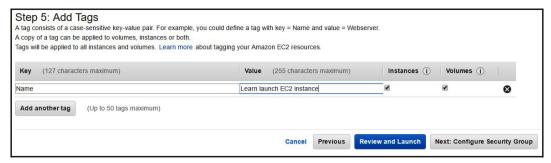


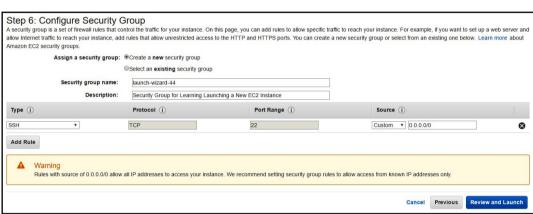


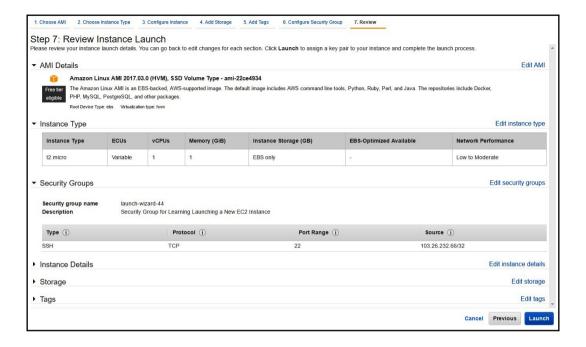


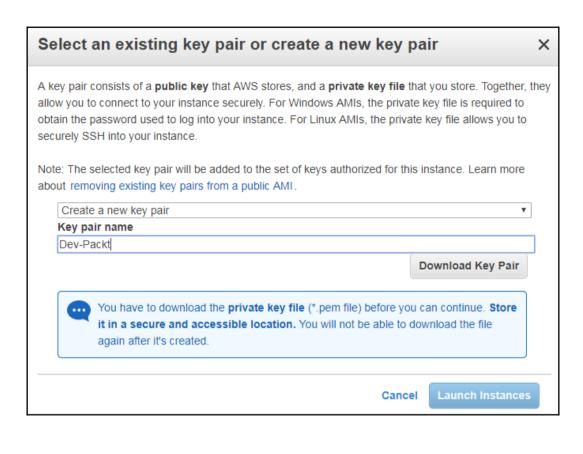


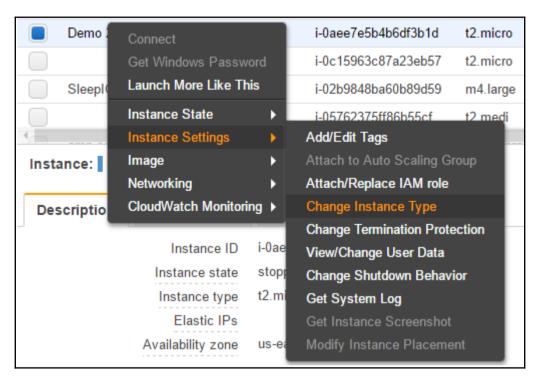








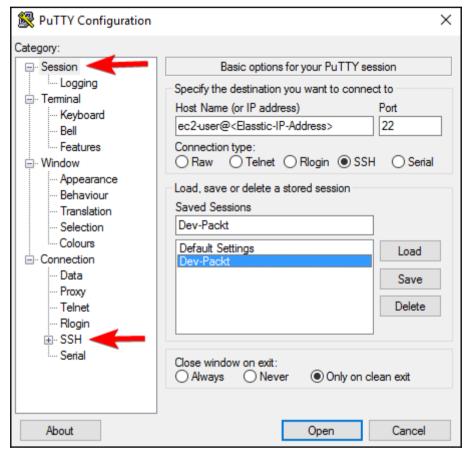


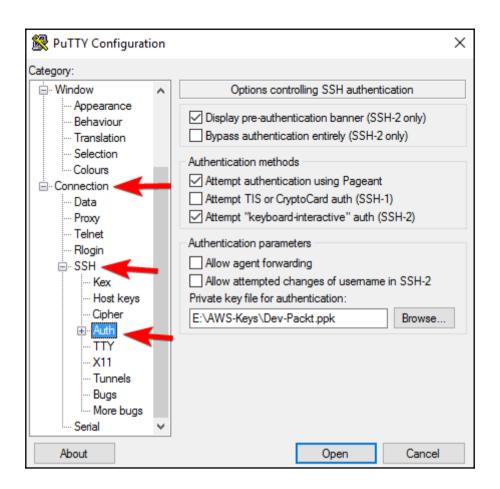


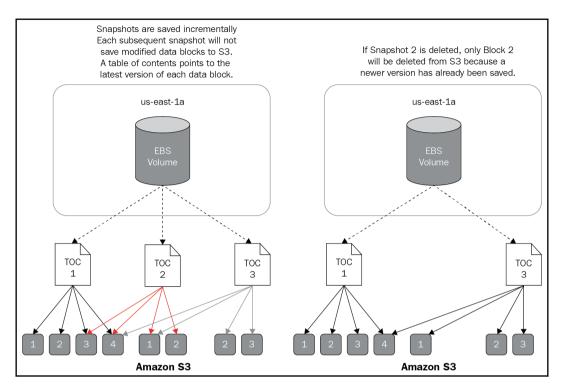
File <u>n</u> ame:	•	PuTTY Private Key Files (*.ppk) ▼
_		PuTTY Private Key Files (*.ppk)
		All Files (*.*)

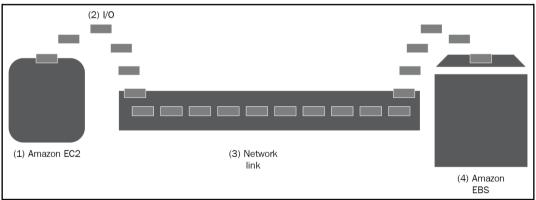
Parameters		
Type of key to generate: SSH-1 (RSA)	SSH-2 RSA	○ SSH-2 DSA
Number of bits in a generated key:		2048



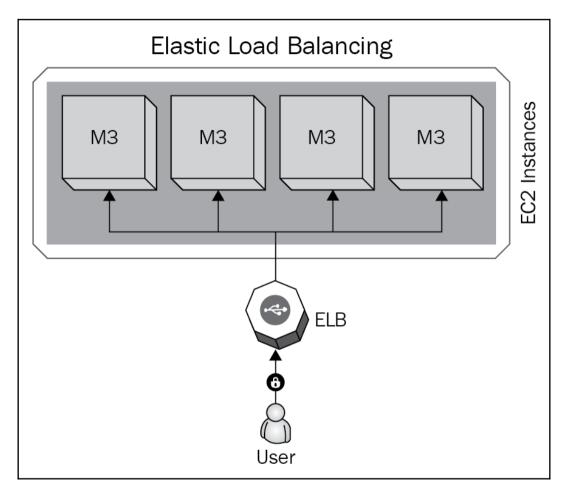


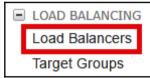


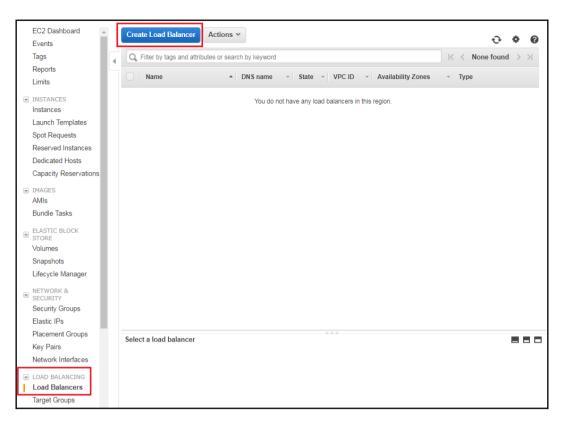


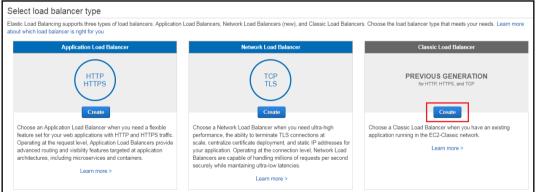


Chapter 6: Handling Application Traffic with ELB



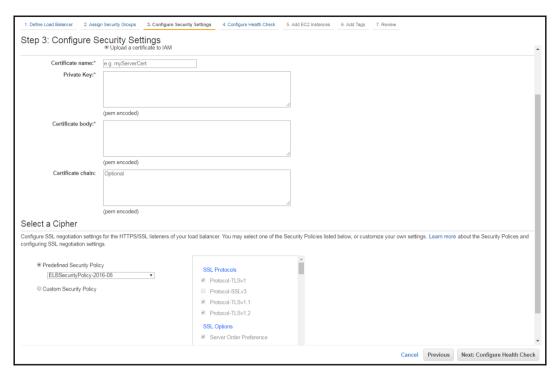




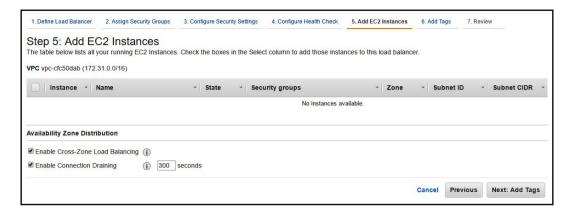


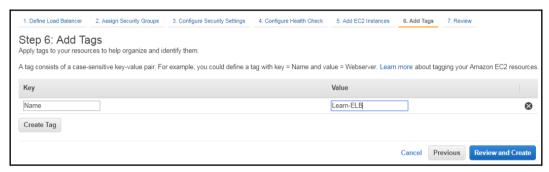






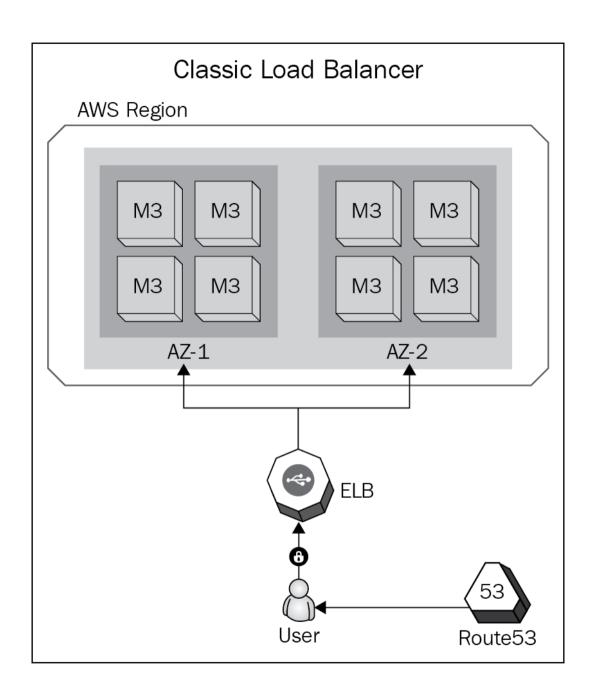


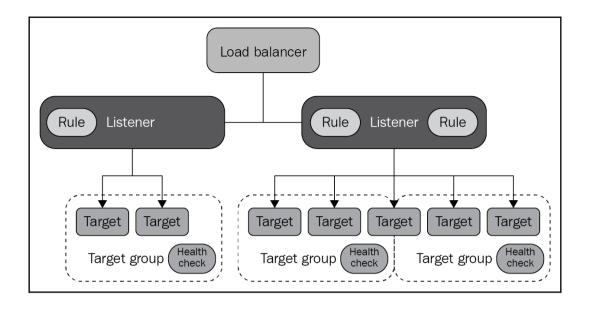




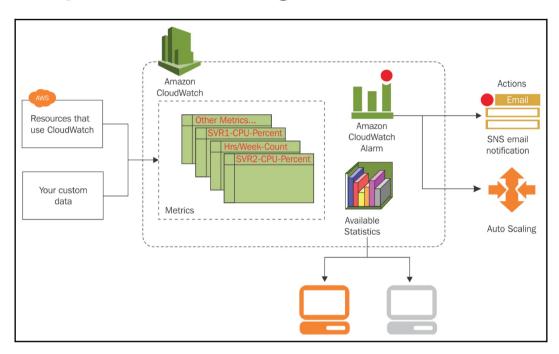


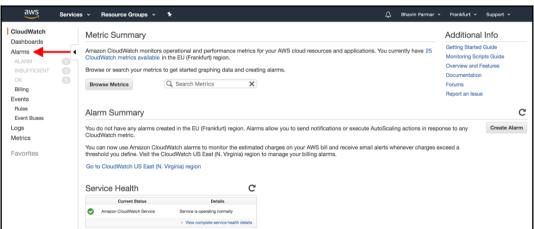




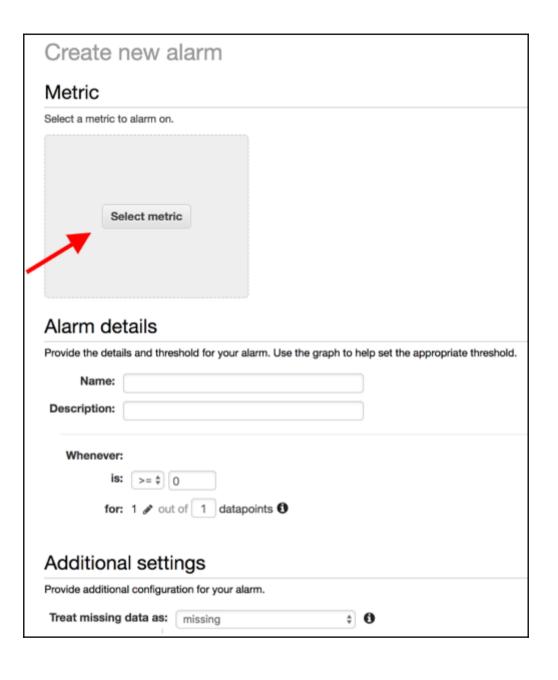


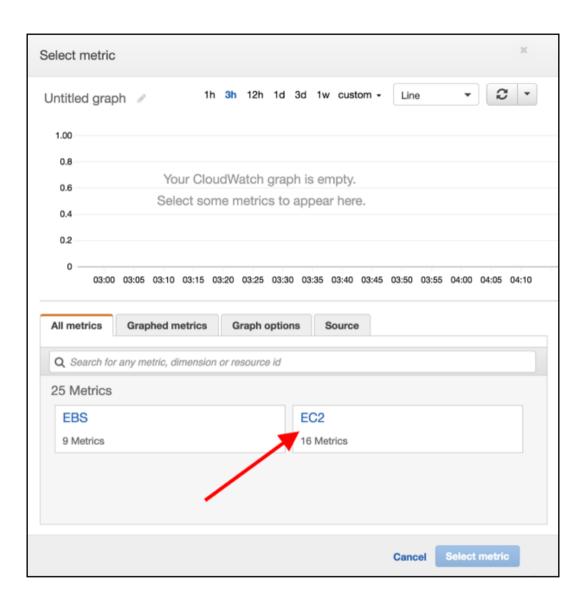
Chapter 7: Monitoring with CloudWatch

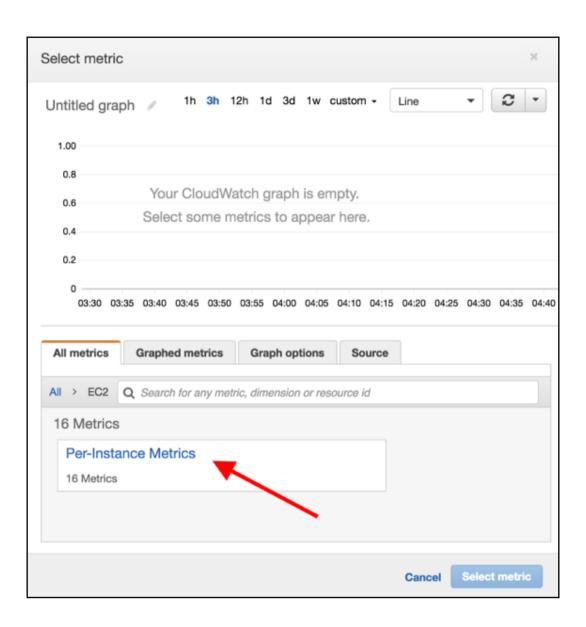


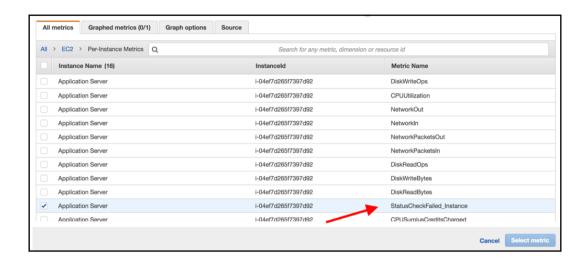




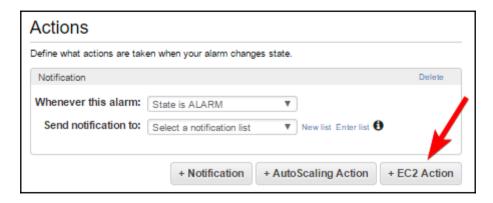




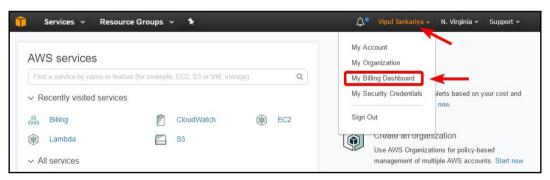


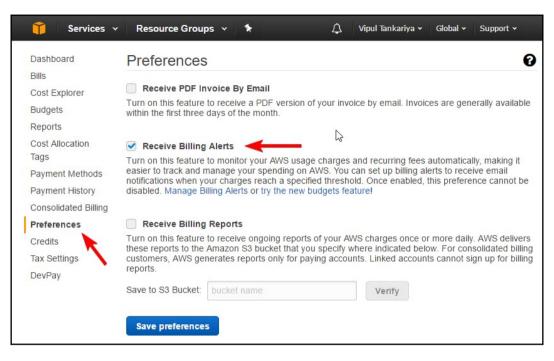


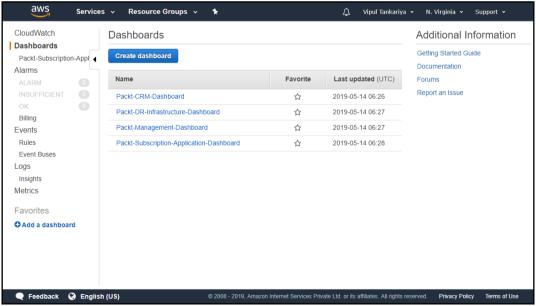
Create new alarm		
Metric / Edit		
This alarm will trigger when the blue line goes up to or above the red line for 1 datapoints within 5 minutes		
	1	
1.00	Namespace: Metric Name:	StatusCheckFailed_Instance
		i-04ef7d265f7397d92
0.8	InstanceName:	Application Server
0.6	Period:	5 Minutes
	Statistic:	Average
0.4		
0.2		
StatusCheckFailed_Instance >= 0 for 1 datapoints		
03:30 04:30 05:30 06:30		
StatusCheckFailed_Instance		
Alarm details		
Provide the details and threshold for your alarm. Use the graph to help set the appropriate threshold.		
Name:		
Description:		
Description:		
Whenever: StatusCheckFailed_Instance		
is: >= \$ 0		
for: 3 out of 3 datapoints •		
Additional settings		
Provide additional configuration for your alarm.		
Treat missing data as: missing \$	0	
Actions		
Define what actions are taken when your alarm changes state.		
Notification	t	Delete
Whenever this alarm: State is ALARM \$		
Send notification to: Select a notification list New	list Enter list 6	
+ Notification + AutoScaling Action + I	EC2 Action	
Cancel	ate Alarm	

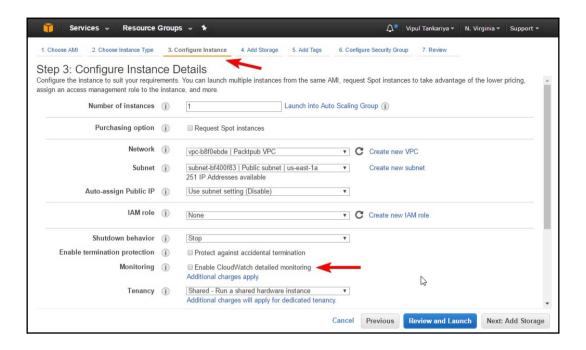






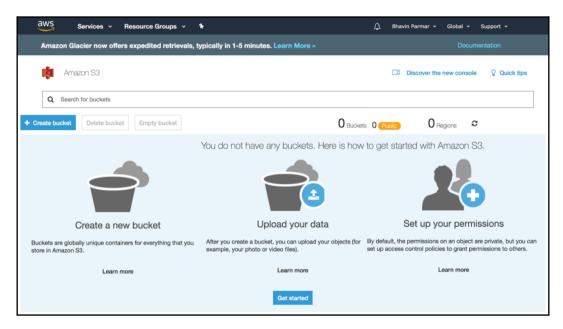




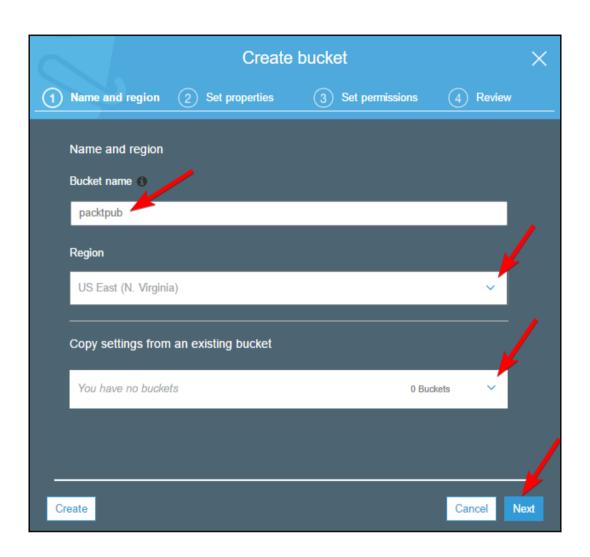


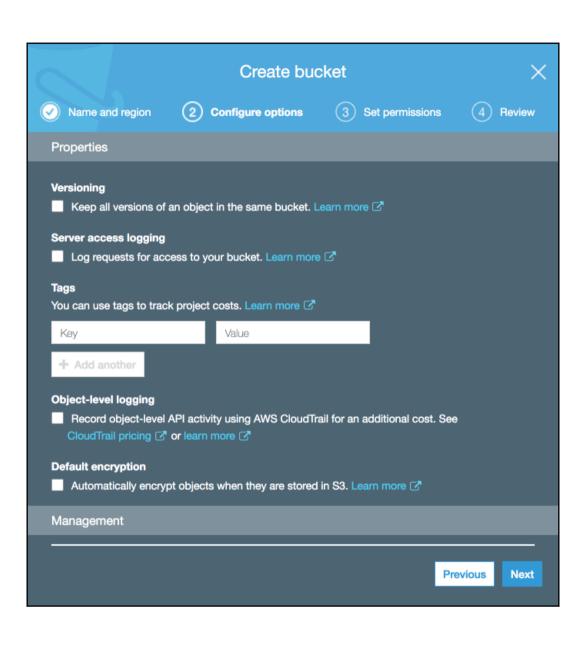
Chapter 8: Simple Storage Service, Glacier, and CloudFront

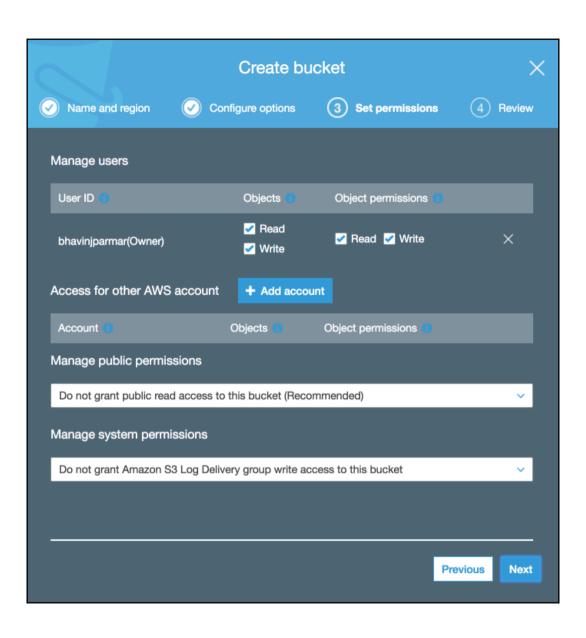
https://packtpub.s3.amazonaws.com/books/acda-guide.pdf
Bucket
Name
S3 Endpoint
Key

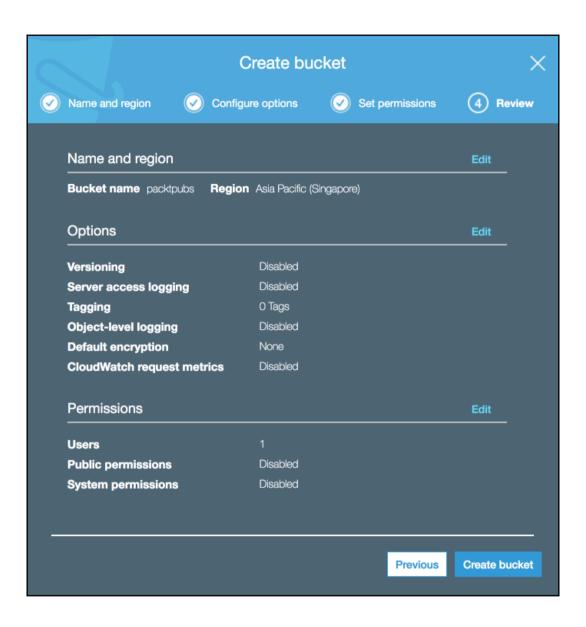


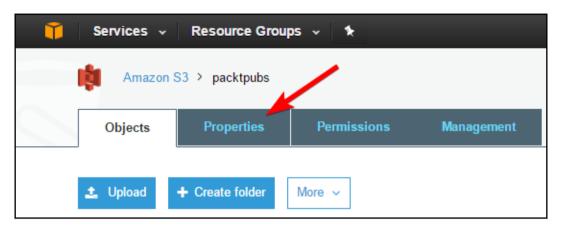


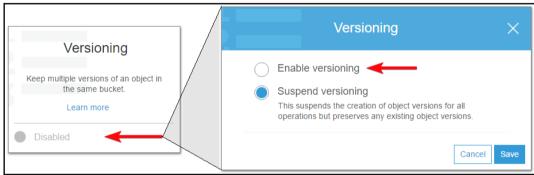


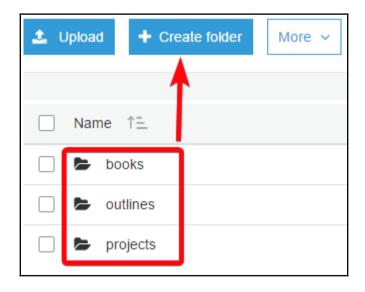


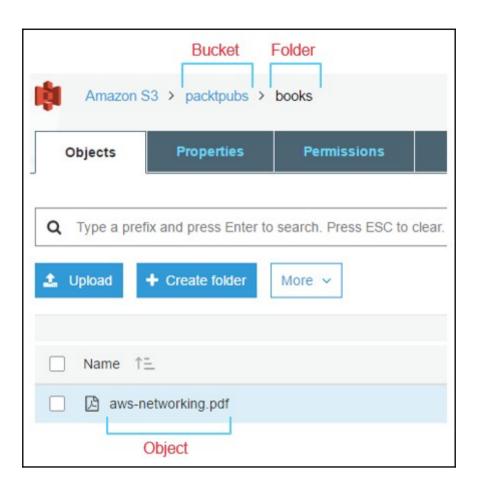


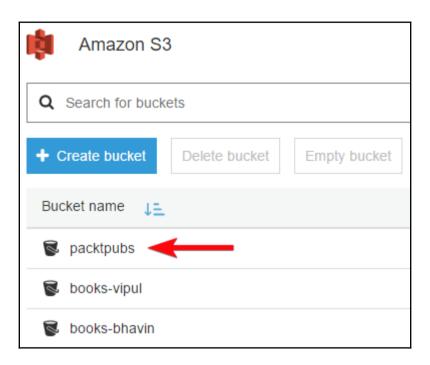




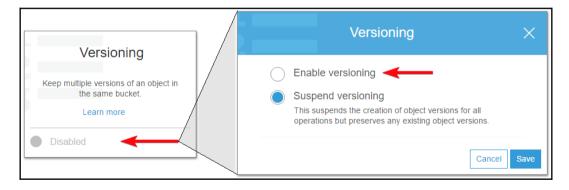


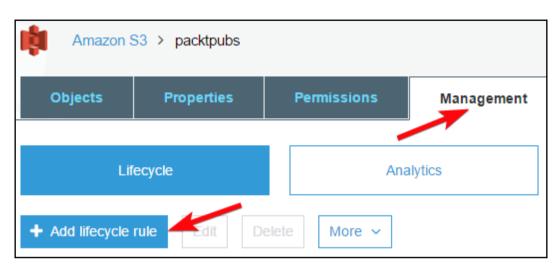


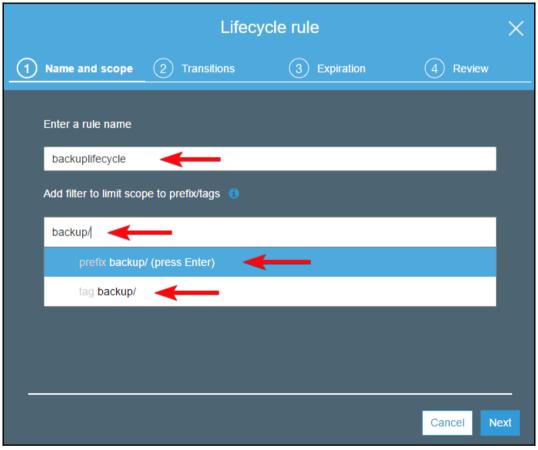


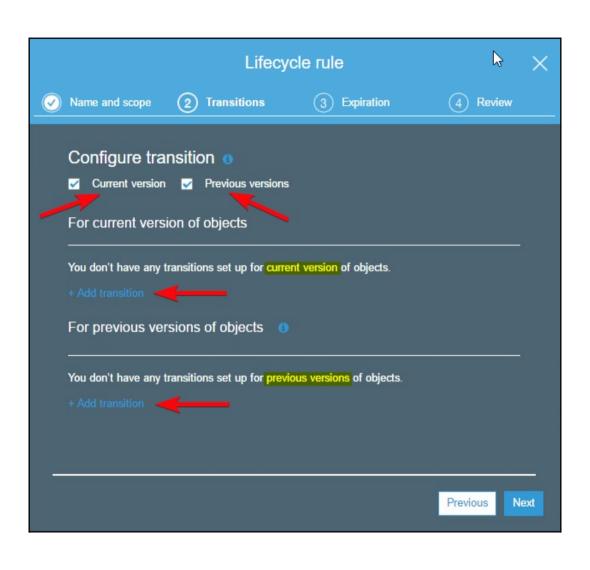


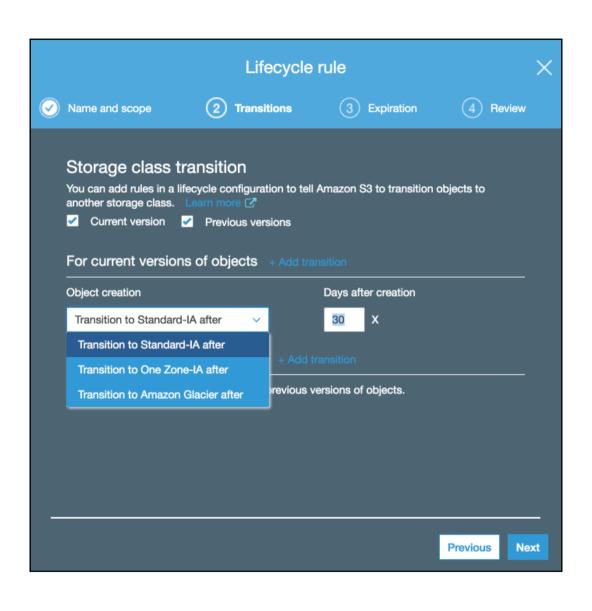










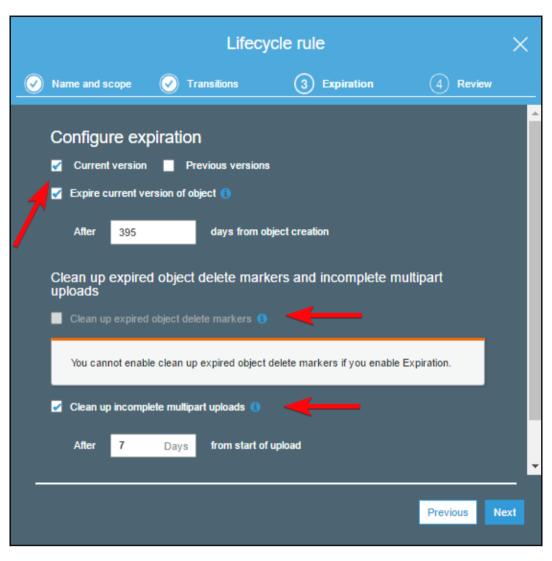


Configure expiration

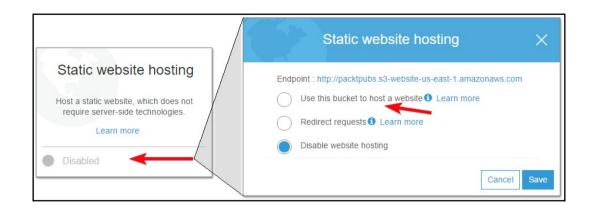
Current version Previous versions

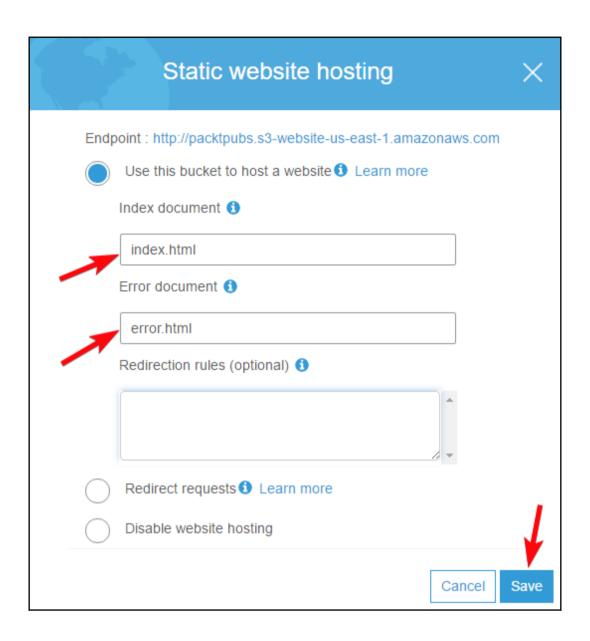
Clean up expired object delete markers and incomplete multipart uploads

- Clean up expired object delete markers (1)
- Clean up incomplete multipart uploads ()

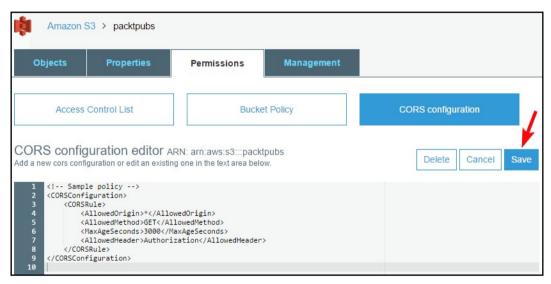




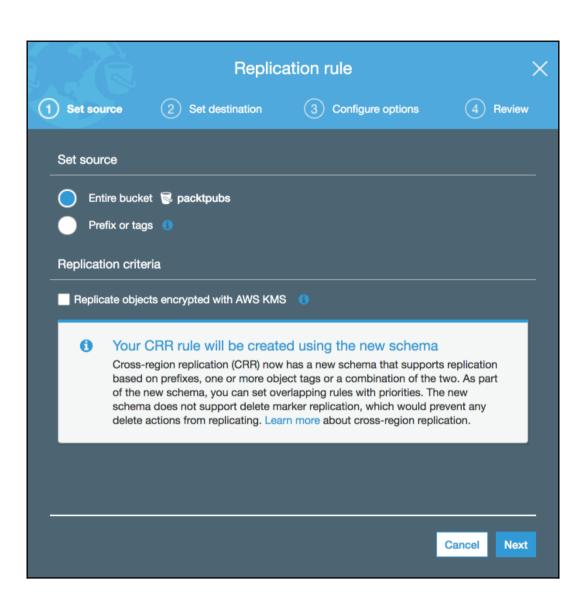


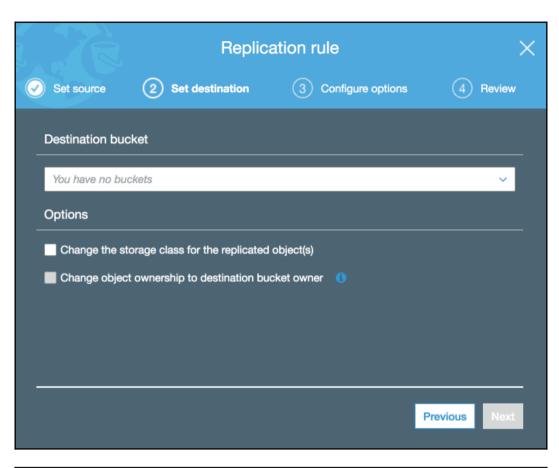




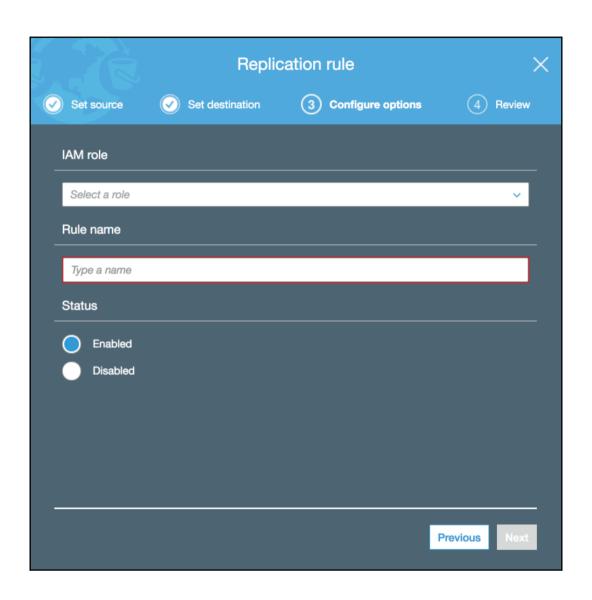


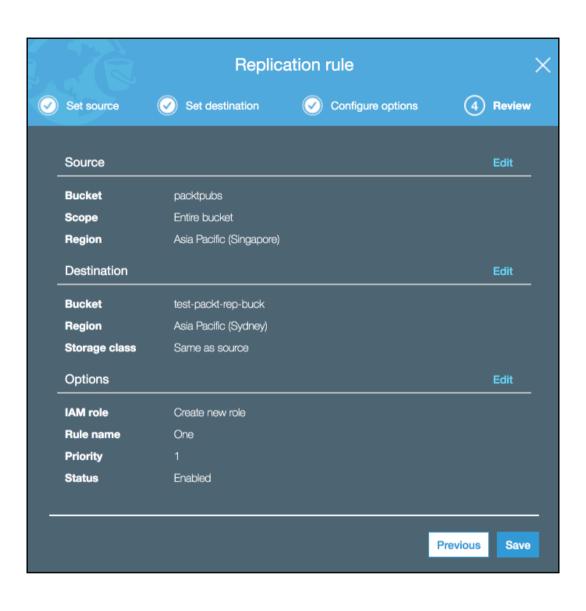


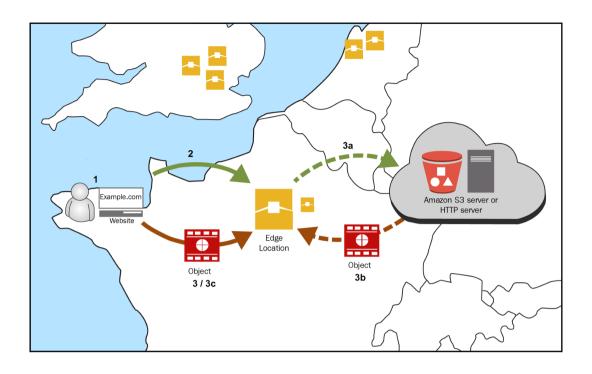


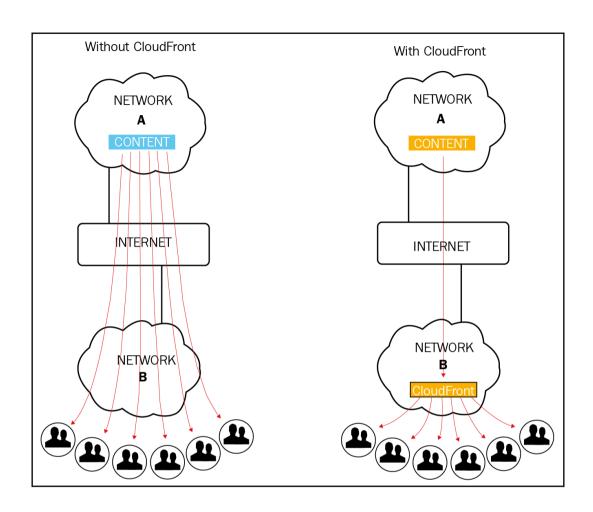


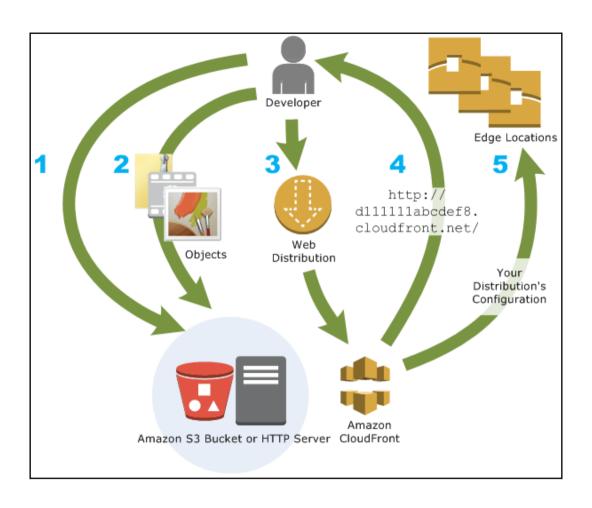




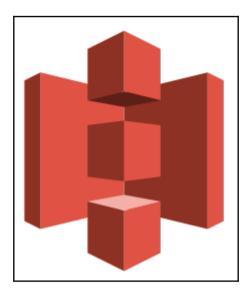


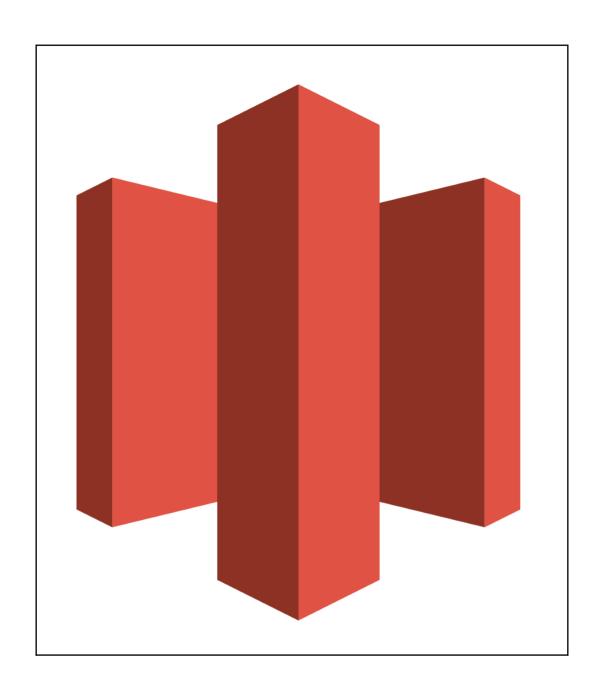


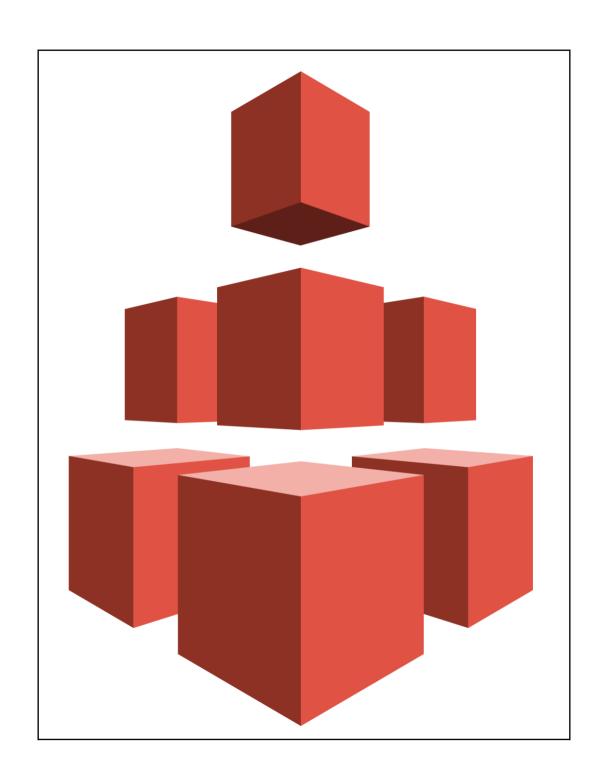


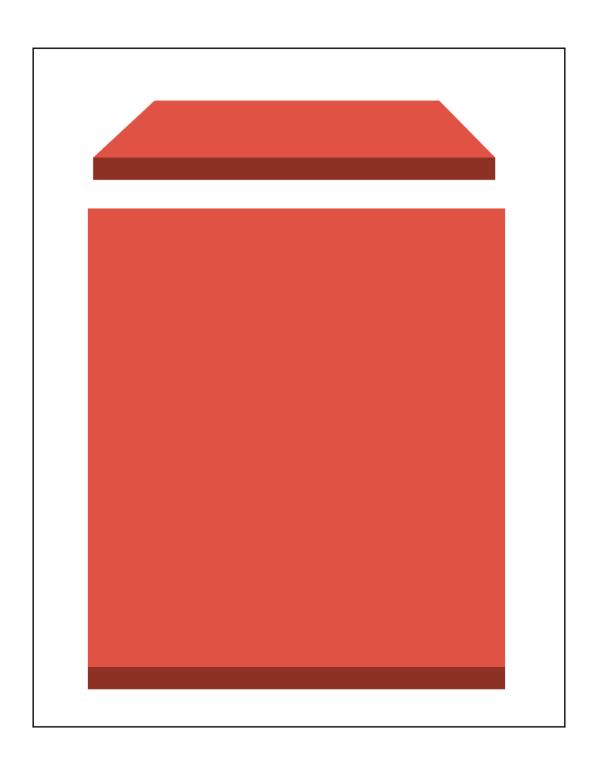


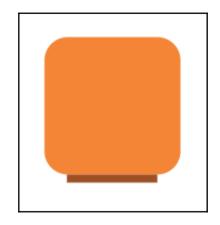
Chapter 9: Other AWS Storage Options

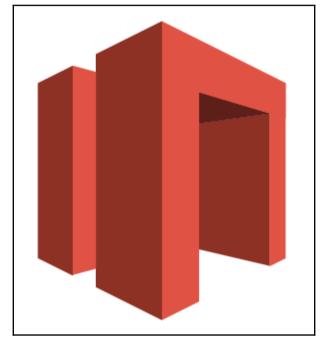


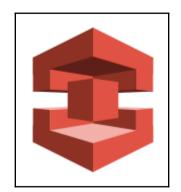




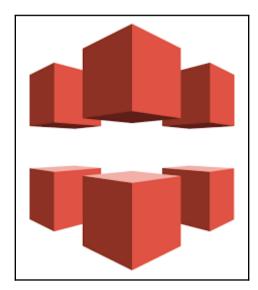


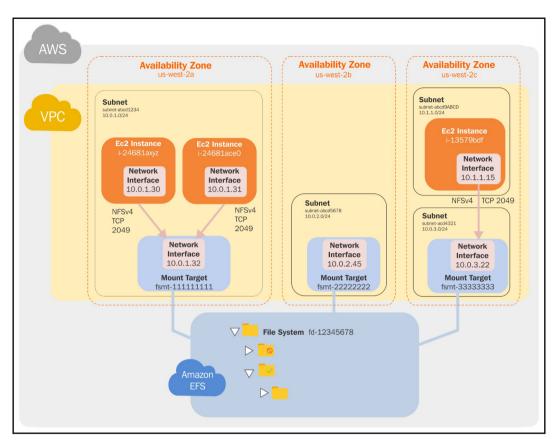


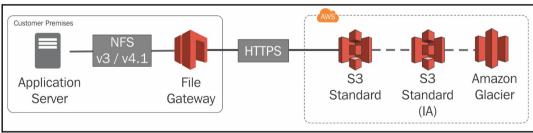


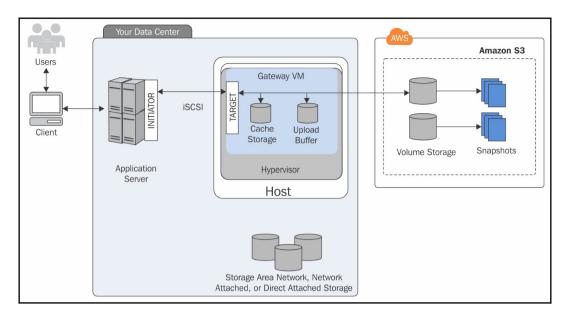


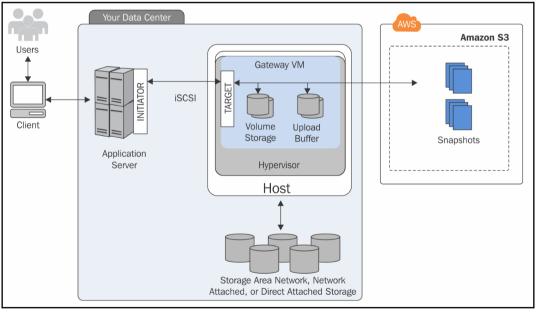


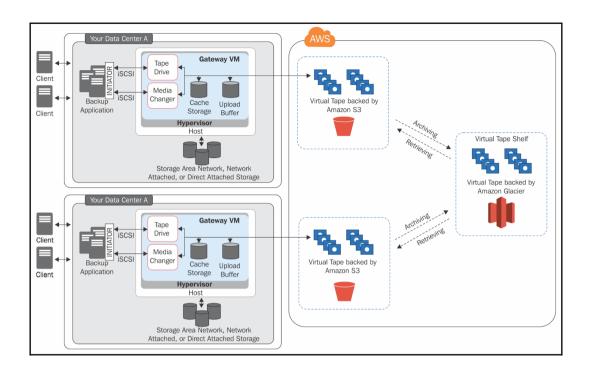




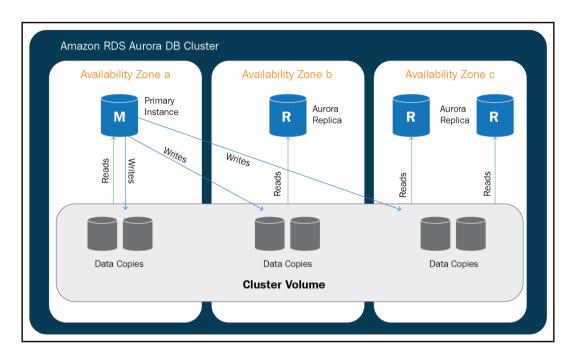


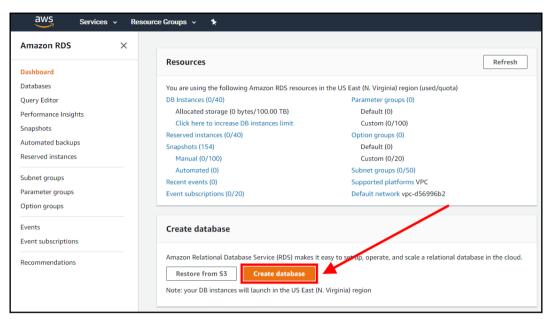


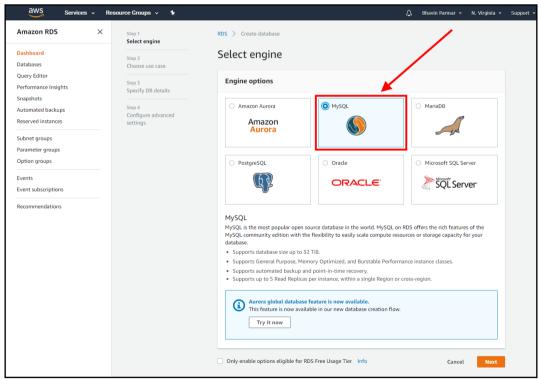


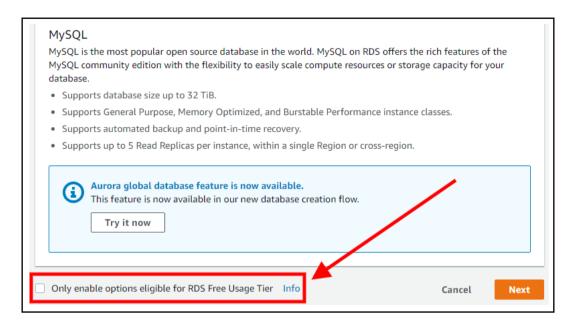


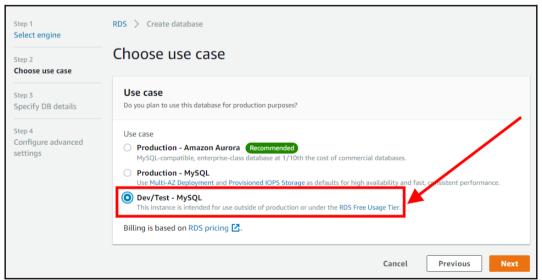
Chapter 10: AWS Relational Database Service

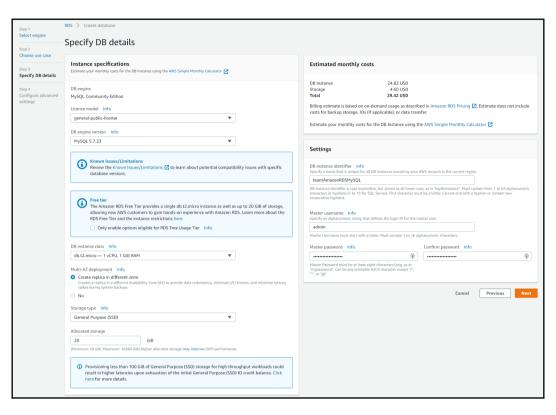


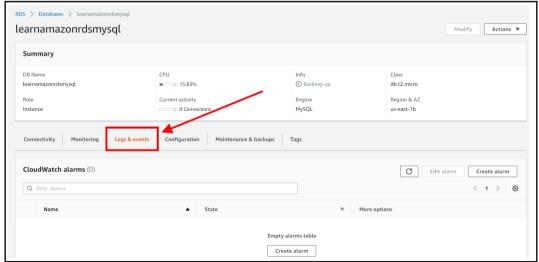


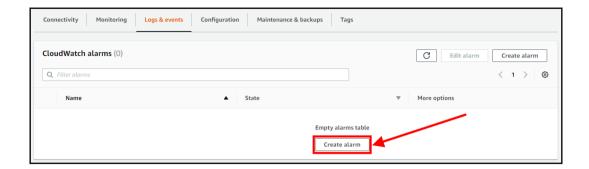


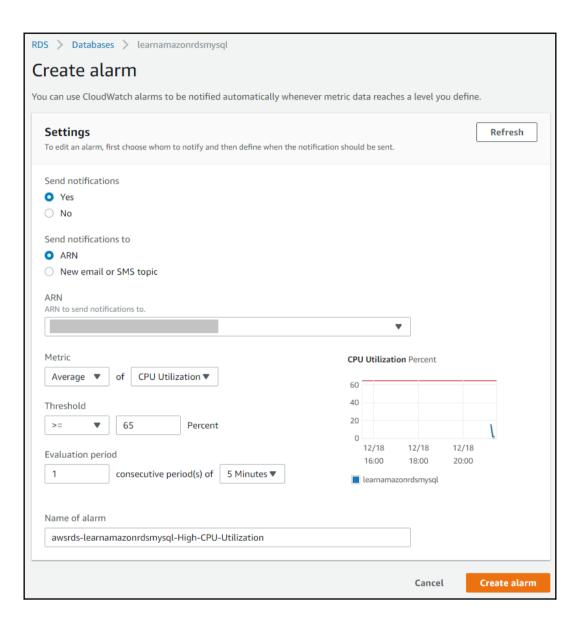


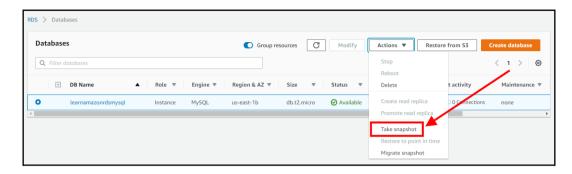


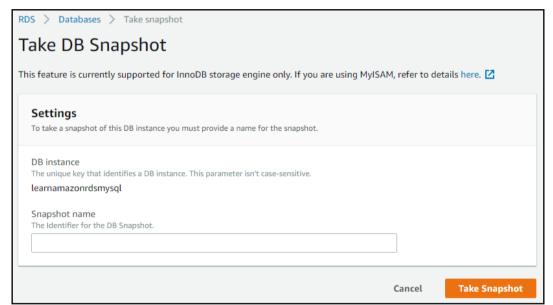


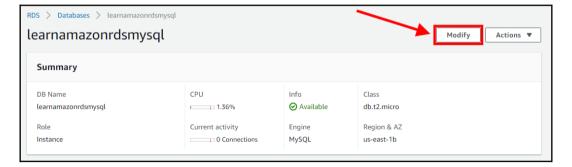












Summary of modifications You are about to submit the following modifications. Only values that will change are displayed. Carefully verify your changes and click Modify DB Instance. Attribute **Current value** New value DB instance class db.t2.micro db.t2.small Scheduling of modifications When to apply modifications O Apply during the next scheduled maintenance window Current maintenance window: tue:05:38-tue:06:08 Apply immediately The modifications in this request and any pending modifications will be asynchronously applied as soon as possible, regardless of the maintenance window setting for this database instance. Potential unexpected downtime

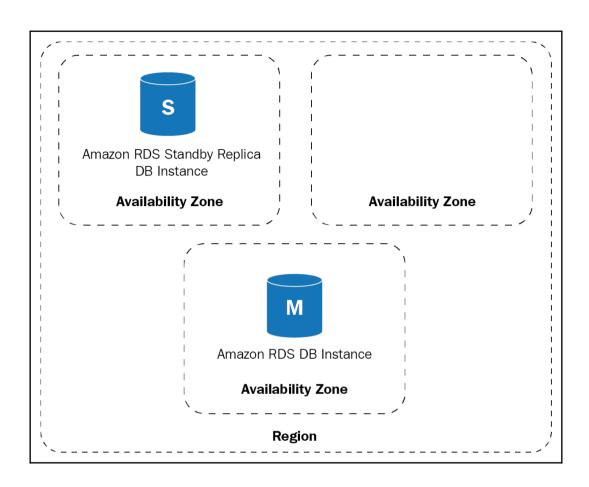
If you choose to apply changes immediately, please note that any changes in the pending modifications queue are also applied. If any of the pending modifications require downtime, choosing this option can cause

unexpected downtime.

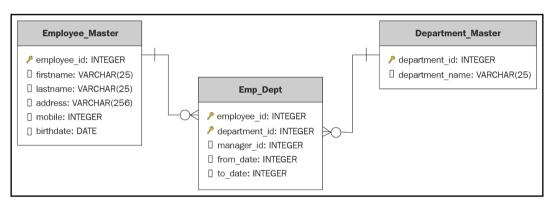
Cancel

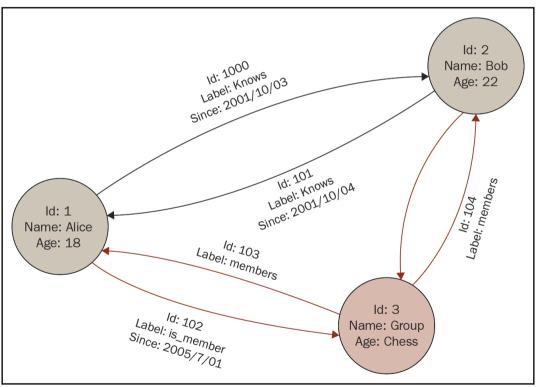
Back

Modify DB Instance

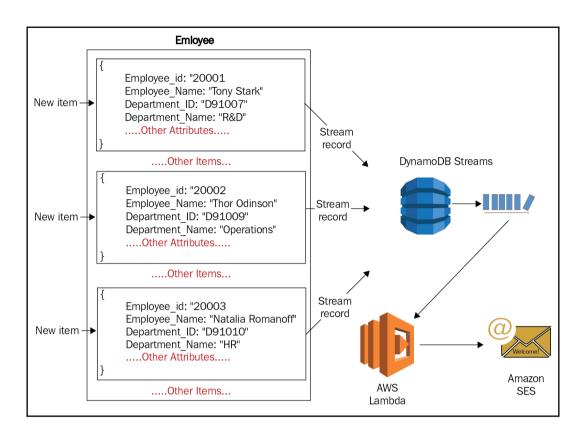


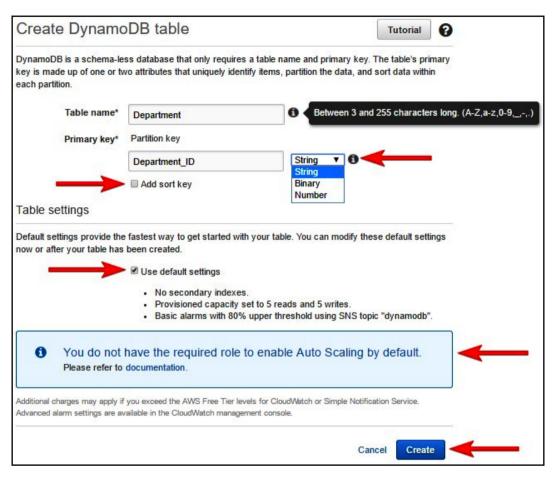
Chapter 11: AWS DynamoDB - A NoSQL Database Service



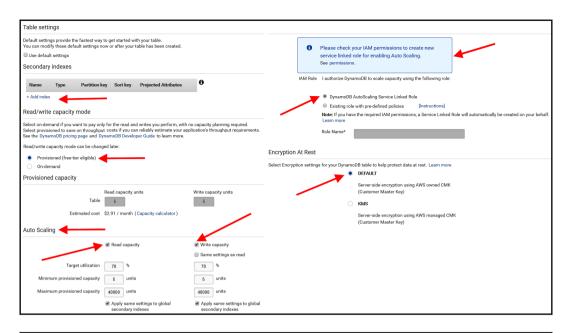


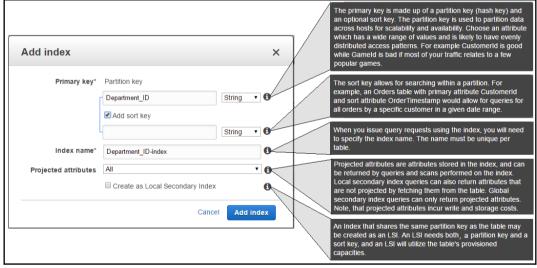
```
Attribute
                     employee id:"10002",
                     firstname: "Thor",
Item 1
                     lastname: "Odinson",
                     birthdate: "1983-08-11"
                     employee id:"10001",
                     firstname: "Tony",
                     lastname: "Stark",
                     birthdate: "1965-04-04"
Item 2
                     address: {
                            street: "10880, Malibu Point",
                            city: "Malibu",
                            state: "California",
                            zip: 90265
```

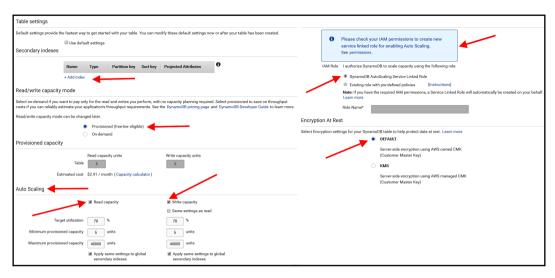


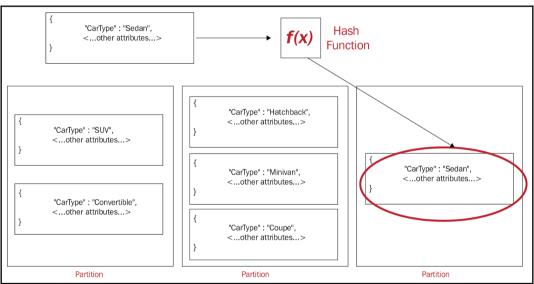


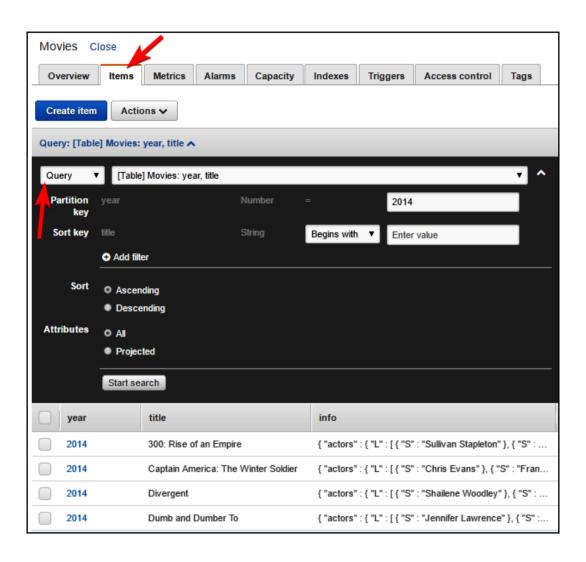


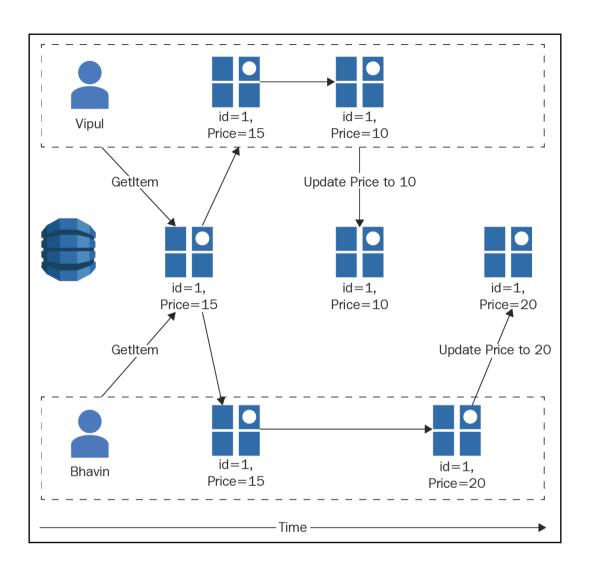


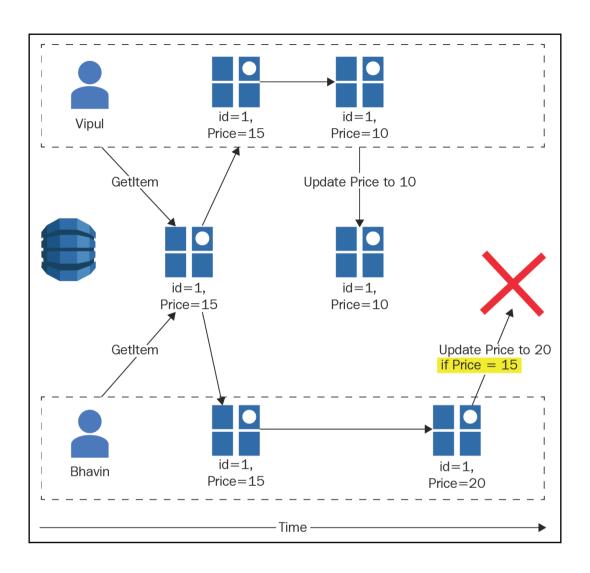




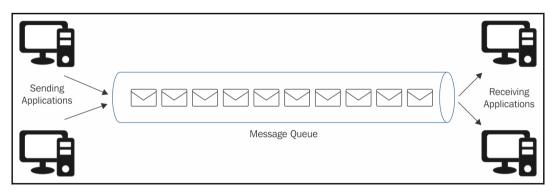


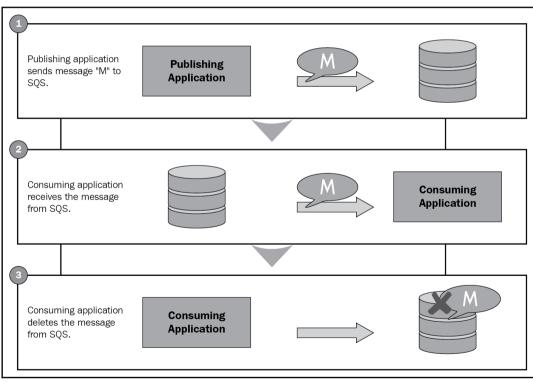


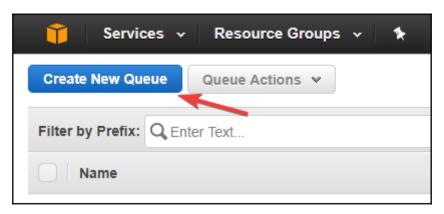


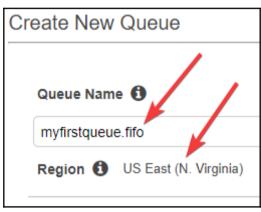


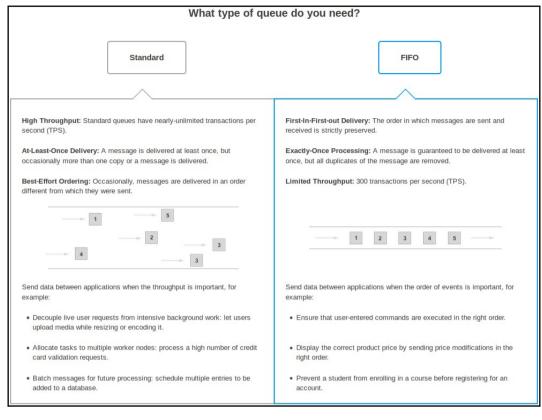
Chapter 12: Amazon Simple Queue Service (SQS)

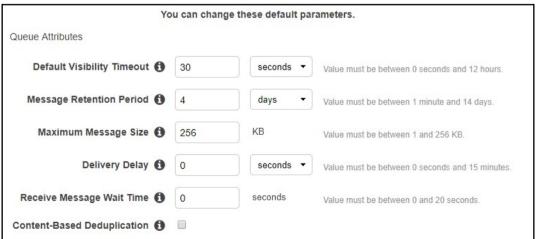










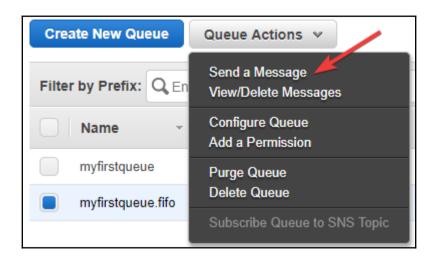


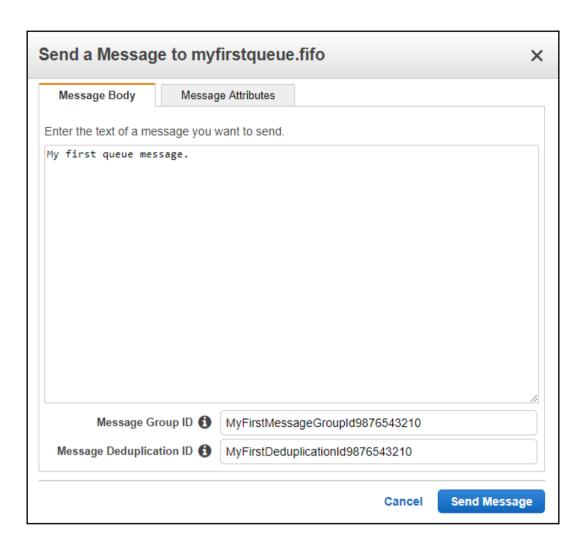


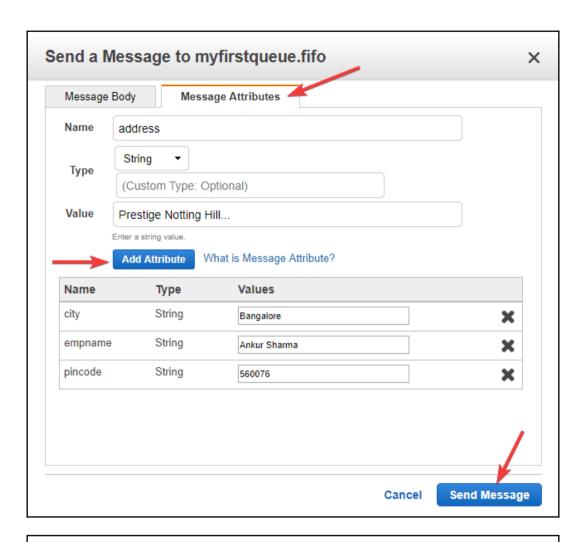












Your message has been sent and is ready to be received.

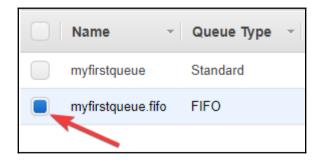
Note: It may take up to 60 seconds for the Messages Available column to update.

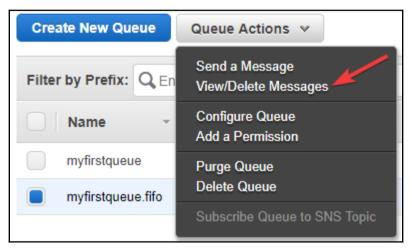
Sent Message Attributes:

Message Identifier: 83fd7112-6ce8-4723-8a9c-3c8f222f5397

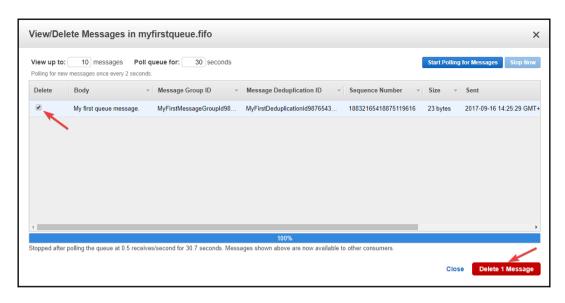
MD5 of Body: 634404ebecf889e4e4a8f26097127553
MD5 of Message Attributes: 06c8bc6f7034c7ecd2e1bbcb8d7b52eb

Sequence Number: 18832165418875119616



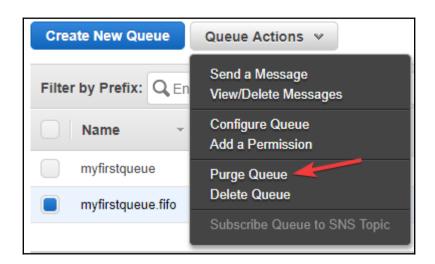




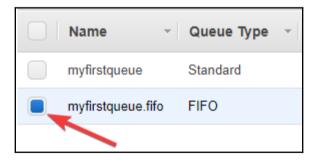


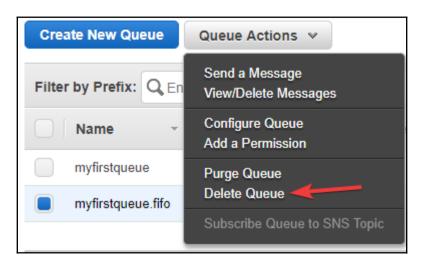


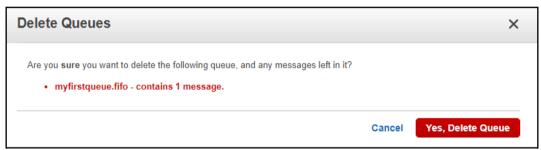


















Topic Subscription Result

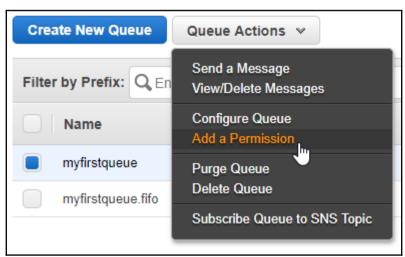


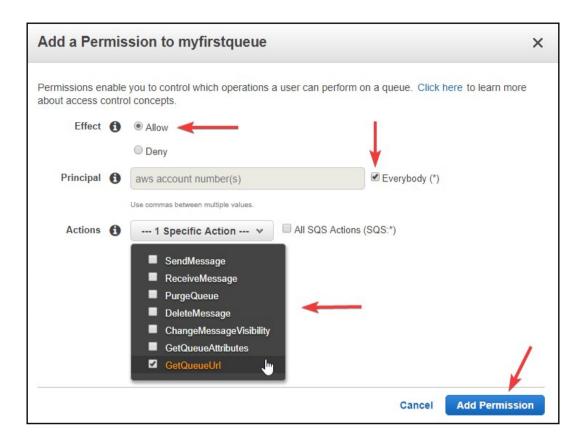
Successfully subscribed the following queue to the SNS topic MyFirstSNSTopic. Permission to receive SNS notifications was added to the queue.

· myfirstqueue

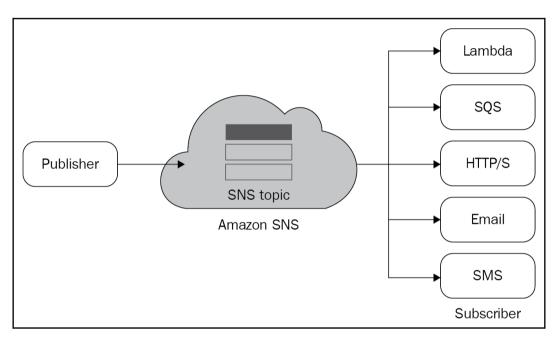


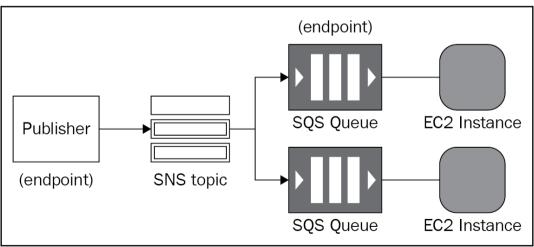






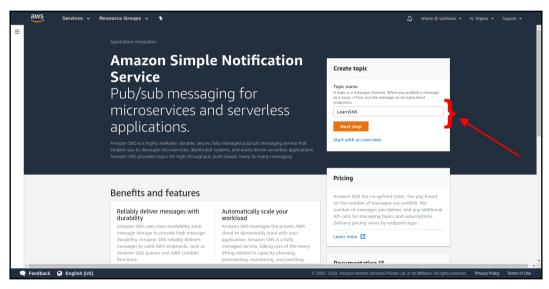
Chapter 13: Simple Notification Service (SNS)



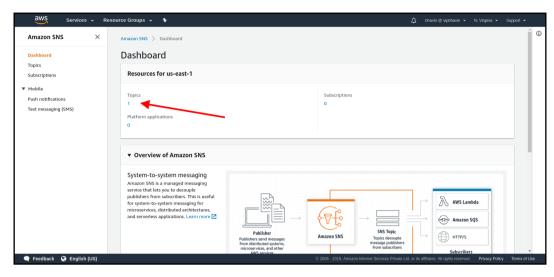






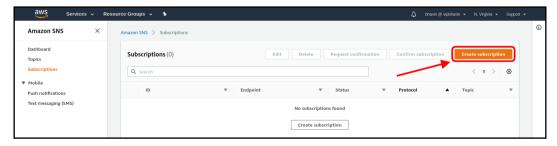


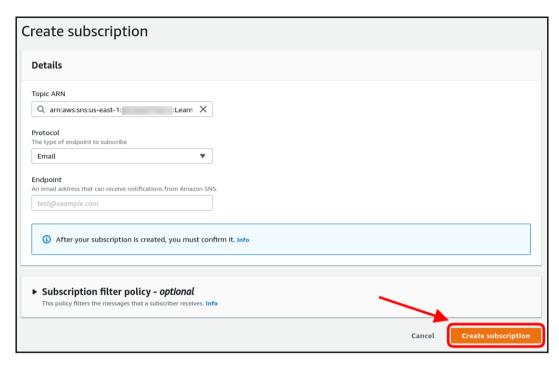
Details	
lame	
LearnSNS	
laximum 256 characters. Car	n include alphanumeric characters, hyphens (-) and underscores (_).
Display name - optional o use this topic with SMS sul	oscriptions, enter a display name. Only the first 10 characters are displayed in an SMS message. Info
LEARN-SNS	
Maximum 100 characters, inc	luding hyphens (-) and underscores (_).
Amazon SNS provides in-	ransit encryption by default. Enabling server-side encryption adds at-rest encryption to your topic.
• Access policy - o	transit encryption by default. Enabling server-side encryption adds at-rest encryption to your topic. ptional
Amazon SNS provides in- • Access policy - O This policy defines who co • Delivery retry po	transit encryption by default. Enabling server-side encryption adds at-rest encryption to your topic. ptional
Amazon SNS provides in- Access policy - O This policy defines who co Delivery retry po The policy defines how Ar Delivery status le	ptional in access your topic. By default, only the topic owner can publish or subscribe to the topic. Info Dicy (HTTP/S) - optional nazon SNS retries failed deliveries to HTTP/S endpoints. To modify the default settings, expand this section. Info
Access policy - O This policy defines who co Delivery retry po The policy defines how Ar Delivery status le	ptional in access your topic. By default, only the topic owner can publish or subscribe to the topic. Info Dicy (HTTP/S) - optional inazon SNS retries failed deliveries to HTTP/S endpoints. To modify the default settings, expand this section. Info logging - optional





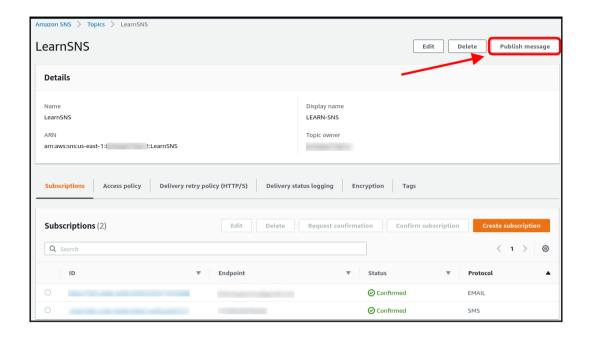




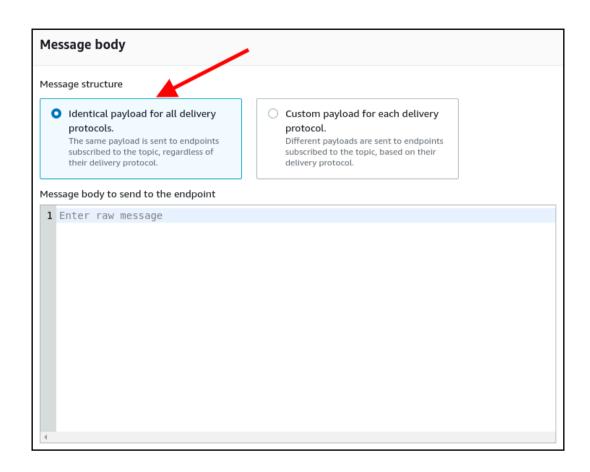


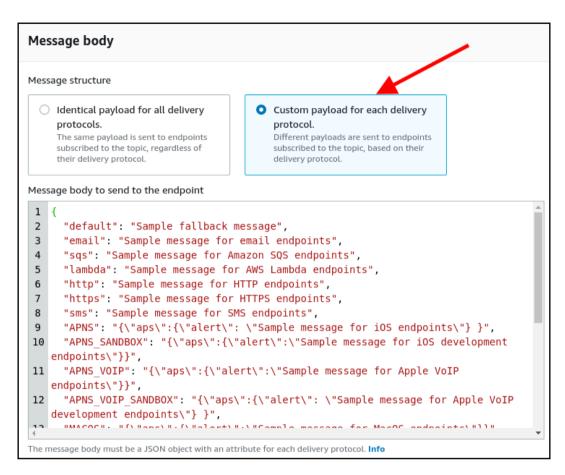






•	topic		
Message details			
Topic ARN arn:aws:sns:us-east-1:	:LearnSNS		
Subject - optional			
Enter message subject			
Maximum 100 printable ASCII characters			
Time to Live (TTL) - optional This setting applies only to mobile applicat	ion endpoints. The number of seconds th	at the push notification service has to deliver	the message to the endpoint. Info
Message body			
Message structure			
 Identical payload for all deliver protocols. The same payload is sent to endpoin subscribed to the topic, regardless of their delivery protocol. Message body to send to the endpoin	protocol. Different payloads are subscribed to the top delivery protocol.	e sent to endpoints	
1 Enter raw message			
4			
Message attributes	ed metadata items (such as timestamps	geospatial data signatures and (dentifiers) fo	or the message. Info
Message attributes let you provide structur		geospatial data, signatures, and identifiers) fo	or the message. Info
Message attributes let you provide structur	Name	Value	
Message attributes let you provide structur			or the message. Info





String String.Array	ared metadata items (such as timestamps, geospatial data, signatures, and identifiers) for the message. Info			
Number				
Binary	Name	Value		
Select attribute type ▼	Enter attribute name	value or ["value1", "value2"] Remove		
Add another attribute				

	topic			
Message details				
Topic ARN am:aws:sns:us-east-1: Subject - <i>optional</i>	::LearnSNS			
Test subject line.				
Maximum 100 printable ASCII characters				
Time to Live (TTL) - optional This setting applies only to mobile applica 30 Message body	tion endpoints. The number of seconds th	at the push notification service has to deliver ti	ne message to the endpoint. I	Info
Message structure				
Identical payload for all delive protocols. The same payload is sent to endpo subscribed to the topic, regardless their delivery protocol.	protocol. Different payloads are	e sent to endpoints		
Message body to send to the endpo	nt			
<pre>3 "email": "Test notifica' 4 "sqs": "Test notifica' 5 "lambda": "Test notifica' 6 "http": "Test notifica' 7 "https": "Test notifica' 8 "sms": "Test notifica' 9 "APNS": "{\"aps\": {\"aps\": {</pre>	fication from Amazon SNS.", cation from Amazon SNS.", cation from Amazon SNS.", cation from Amazon SNS.", ation from Amazon SNS.", cation from Amazon SNS.", cation from Amazon SNS.", cation from Amazon SNS.", alert\": \"Test notification s\":{\"alert\":\"Test notification s\":{\"alert\":\"Test notification s\":\"alert\":\"Test notification s\":\"alert\":\"alert\":\""Test notification s\":\"alert\":\"a	fication from Amazon ation from Amazon SNS.\"}}", t notification from Amazon n from Amazon SNS.\"}}",		
The message body must be a JSON object	with an attribute for each delivery protoco	ol. Info	1	
Message attributes Message attributes let you provide structu	red metadata items (such as timestamps, (geospatial data, signatures, and identifiers) for	the message. Info	
Туре	Name	Value		

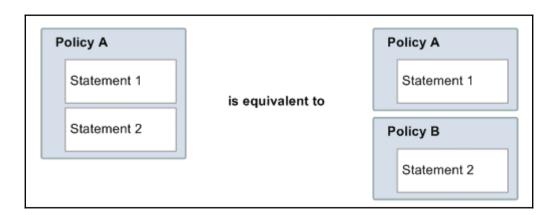


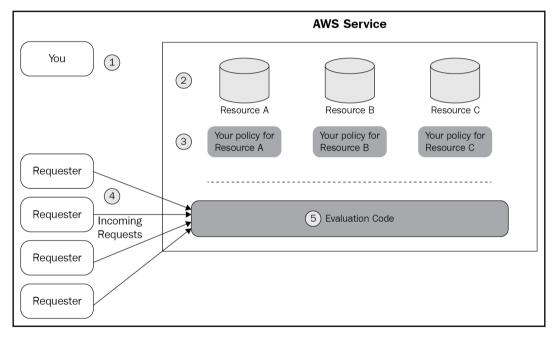


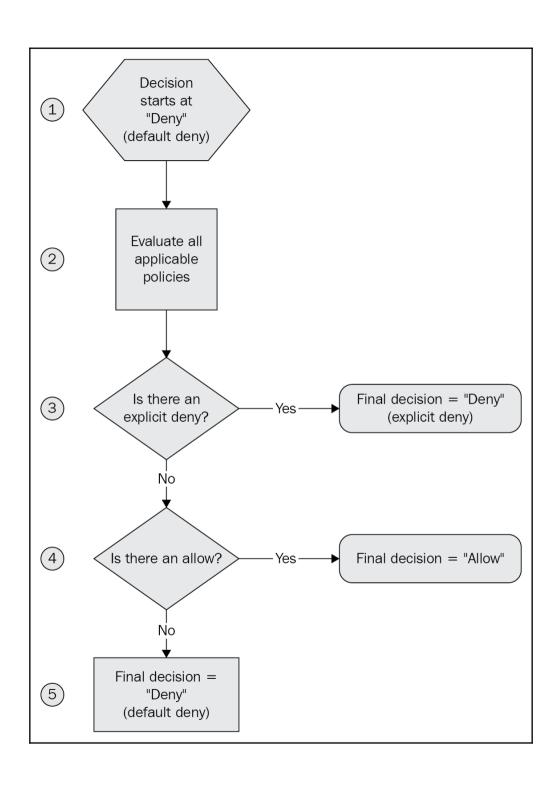






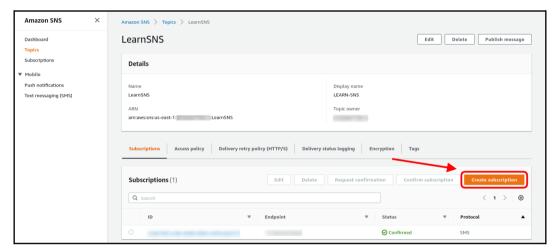


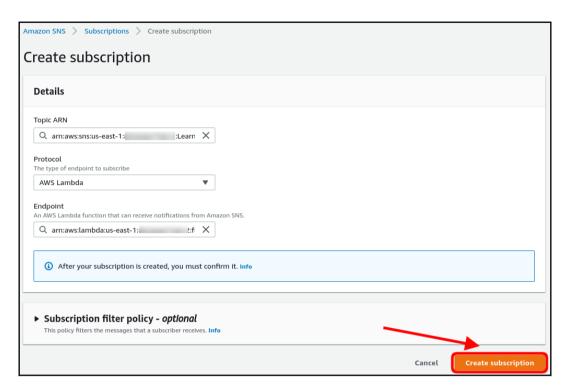




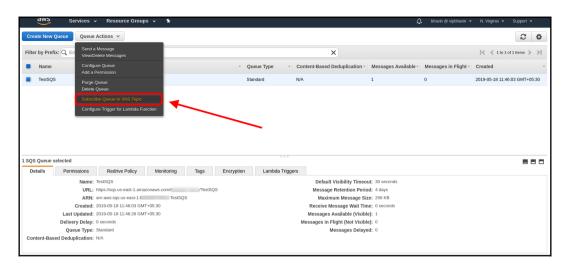


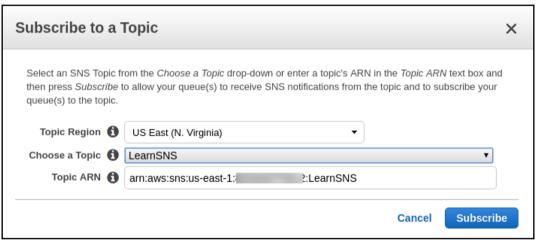












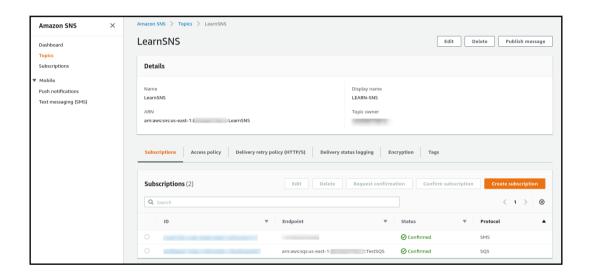
Topic Subscription Result

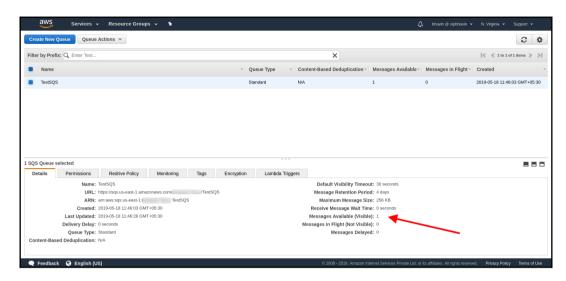


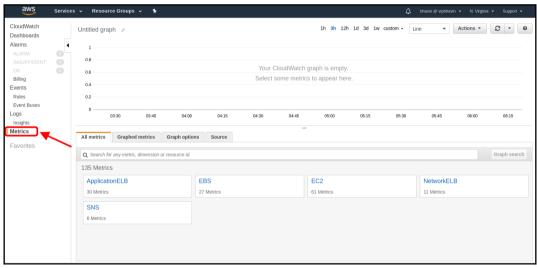
Successfully subscribed the following queue to the SNS topic LearnSNS. Permission to receive SNS notifications was added to the queue.

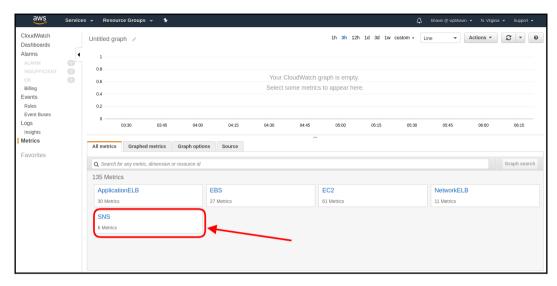
TestSQS

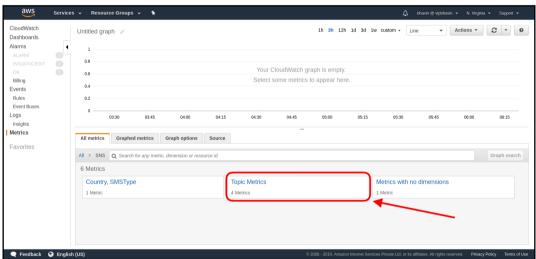
OK

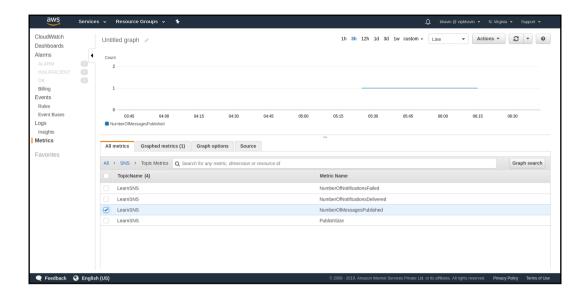




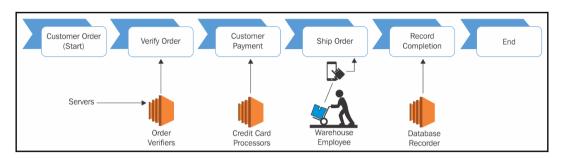


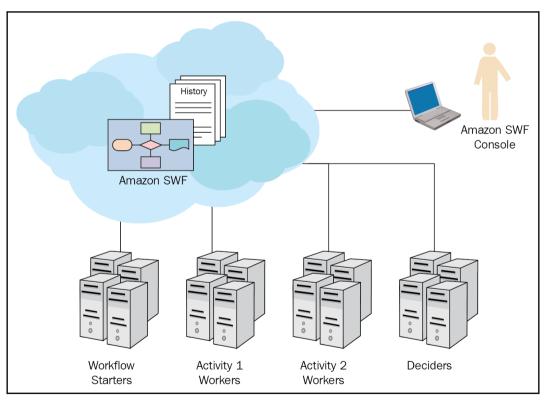


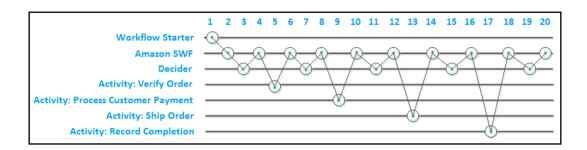




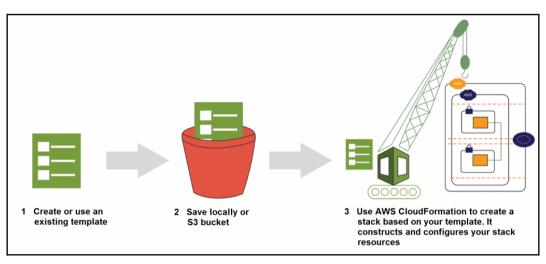
Chapter 14: AWS Simple Workflow Service (SWF)

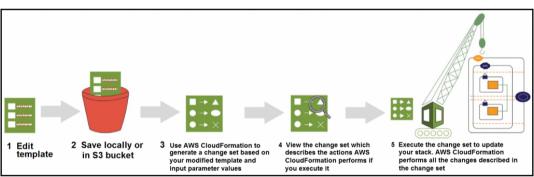




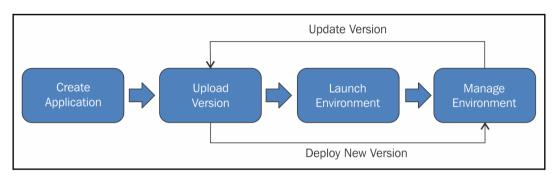


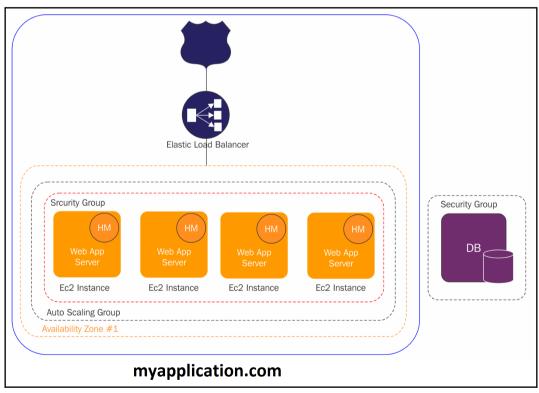
Chapter 15: CloudFormation Overview

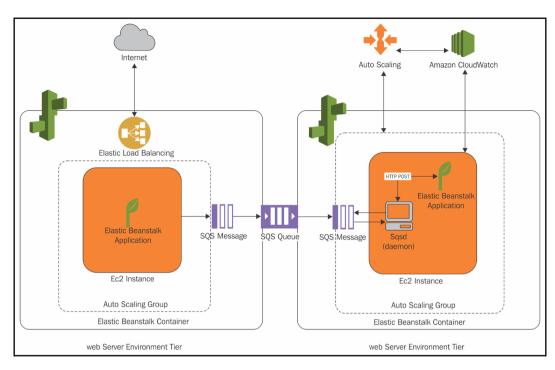




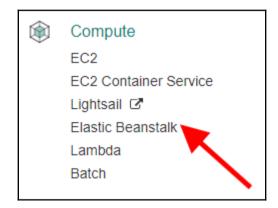
Chapter 16: Understanding Elastic Beanstalk











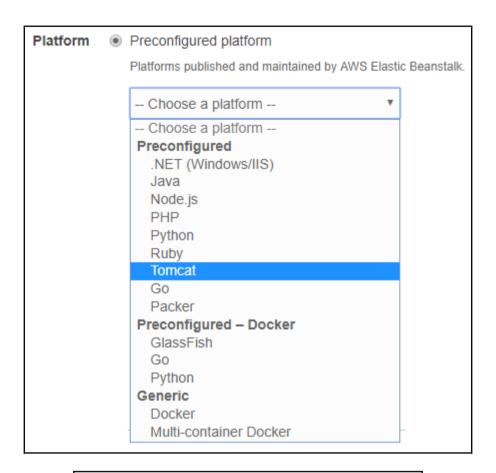


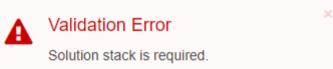
Create a web app

Create a new application and environment with a sample application or your own code. By creating an environment, you allow AWS Elastic Beanstalk to manage AWS resources and permissions on your behalf. Learn more Application information Application name getting-started Up to 100 Unicode characters, not including forward slash (/). Environment information Choose the name, subdomain, and description for your environment. These cannot be changed later. **Environment name** GettingStarted-env Domain .us-east-1.elasticbeanstalk.com Check availability Description Base configuration Web Server (Choose tier) Platforms published and maintained by AWS Elastic Beanstalk. -- Choose a platform -- Custom platform NEW Platforms created and owned by you. Learn more -- Choose a custom platform --Application code Sample application Get started right away with sample code. Upload your code Upload a source bundle from your computer or copy one from Amazon S3. ₫ Upload ZIP or WAR

Review and launch

Cancel







Configure GettingStarted-env

Start from a preset that matches your use case or choose Custom configuration to unset recommended values and use the service's default values.

Configuration presets

Low cost (Free Tier eligible)

High availability

Custom configuration

Platform 64bit Amazon Linux 2017.03 v2.6.3 running Tomcat 8 Java 8 Change platform configuration

Tags

Tags: none

Modify

Software

AWS X-Ray: disabled Rotate logs: disabled (default) Log streaming: disabled (default) Environment properties: 0

Modify

Instances

EC2 instance type: t1.micro
EC2 image ID: ami-5d063026
Root volume type: container default
Root volume size (GB): container default
Root volume IOPS: container default

Modify

Capacity

Environment type: load balancing, auto scaling Availability Zones: Any

Instances: 1-4

Modify

Load balancer

Port: HTTP on port 80 Secure port: disabled Cross-zone load balancing: disabl Connection draining: disabled (de

Modify

Rolling updates and deployments

Deployment policy: All at once Rolling updates: disabled Health check; disabled

Modify

Security

Service role: aws-elasticbeanstalk-service-role

Virtual machine key pair: --

Virtual machine instance profile: aws-elasticbeanstalk-ec2-role

Modify

Monitoring

Health check path: blank
Health reporting system: basic

Modify

Notifications

Email address: --

Modify

Network

VPC: --

Load balancer visibility: public

Load balancer subnets: none

Associate public IP address: -

Instance subnets: none Security groups: none

Modify

Database

Engine: --

Instance class: -

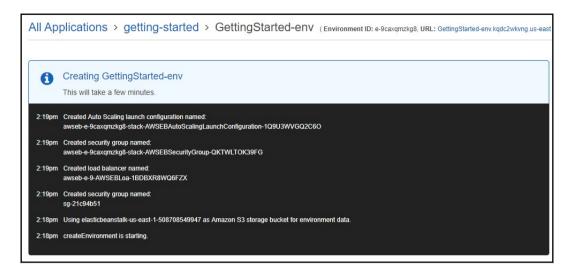
Storage (GB): --Multi-AZ: --

Modify

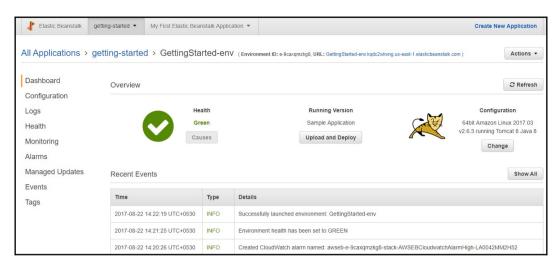
Cancel

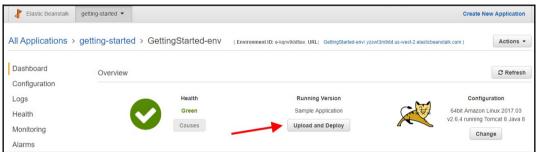
Previous

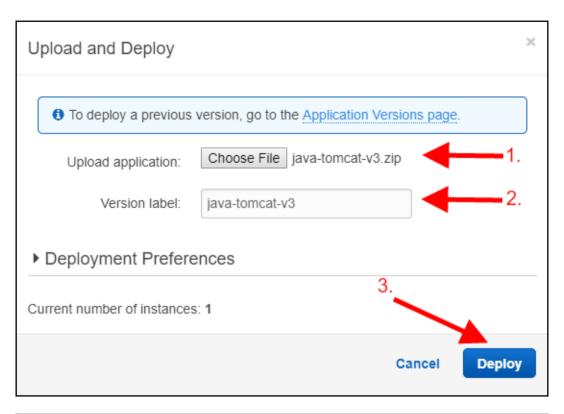
Create app



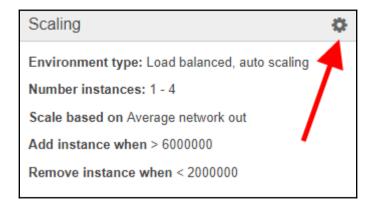


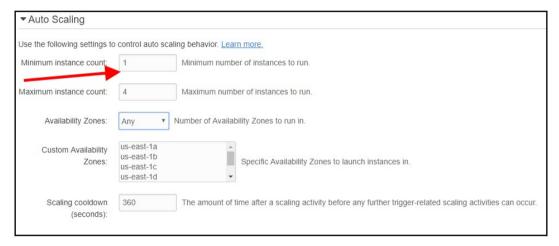


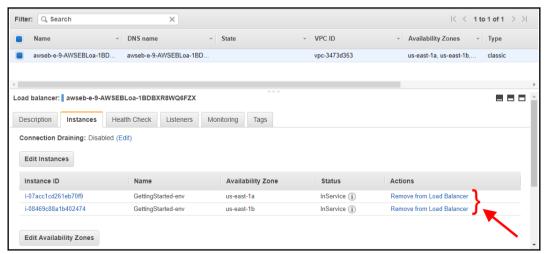
















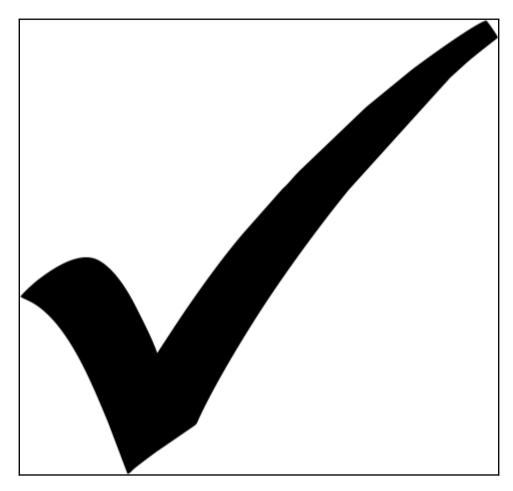


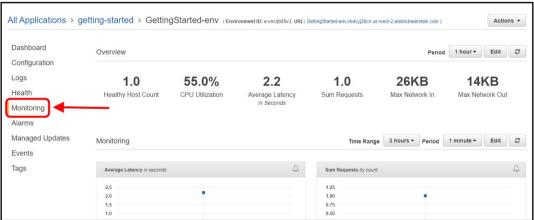






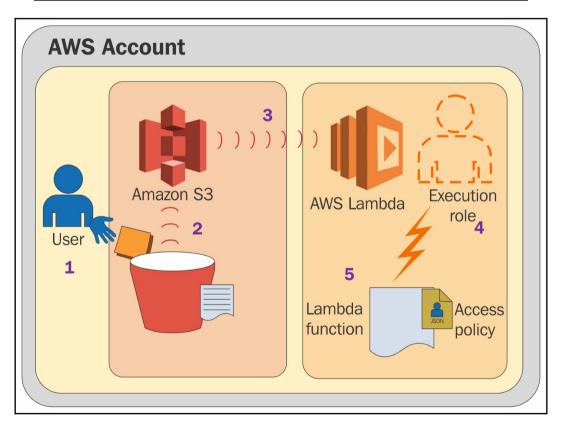


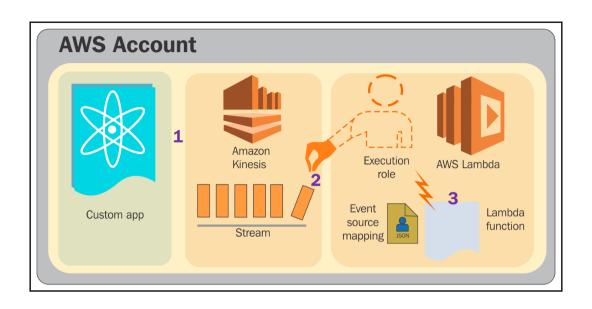


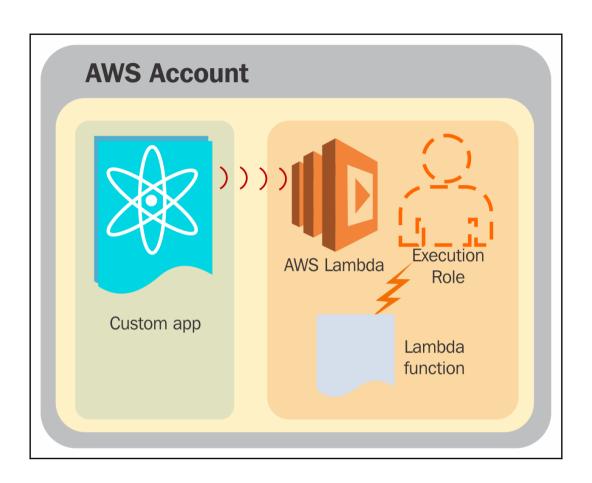


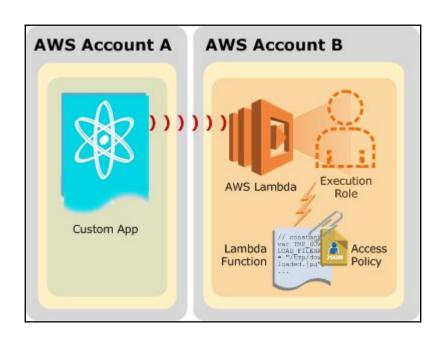
Chapter 17: Overview of AWS Lambda

This PC > New Volume (E:) > Lambda-Function > MyFunctionFolder				
Name	Date modified	Туре	Size	
node_modules	23-09-2017 22:03	File folder		
index.js	23-09-2017 22:07	JavaScript File	27 KB	

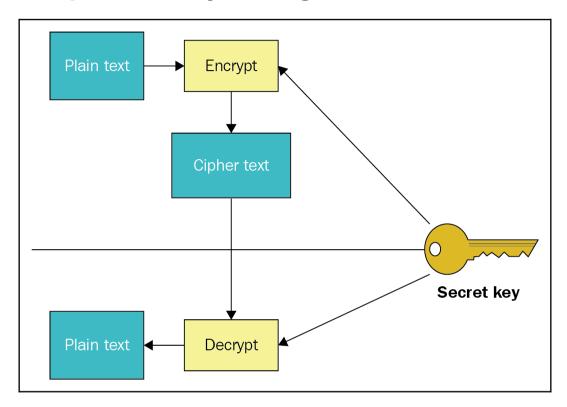


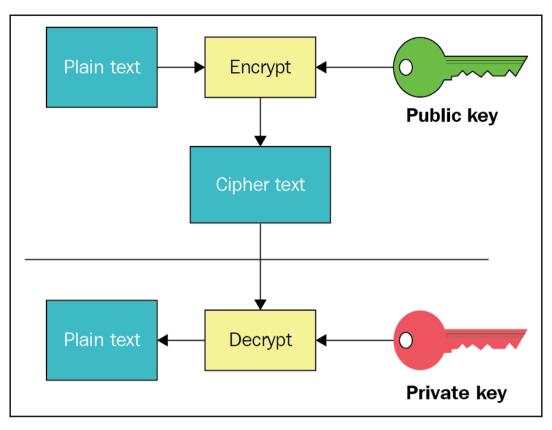


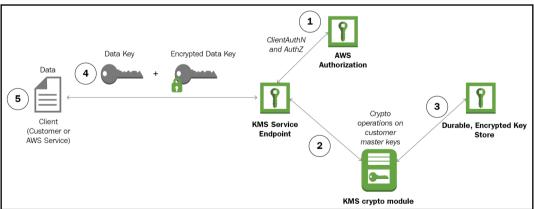




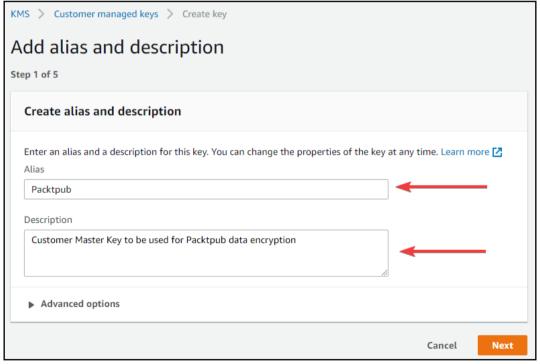
Chapter 18: Key Management Services

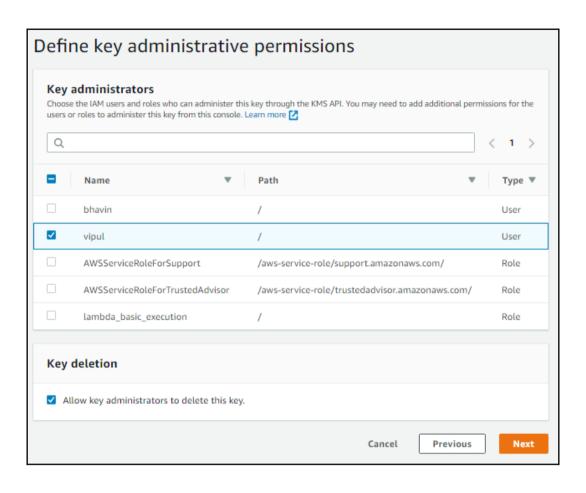


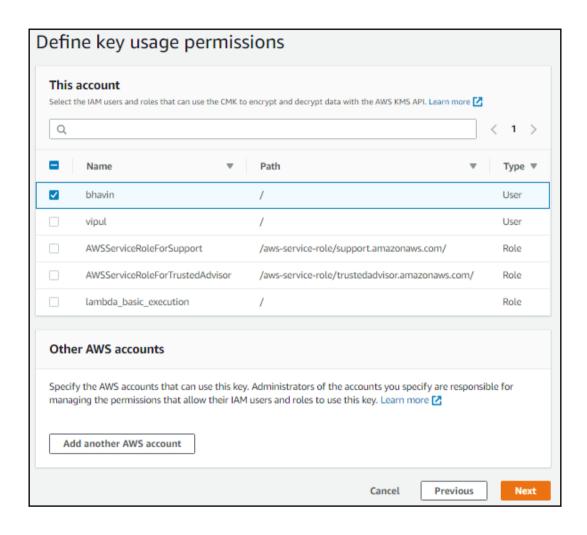




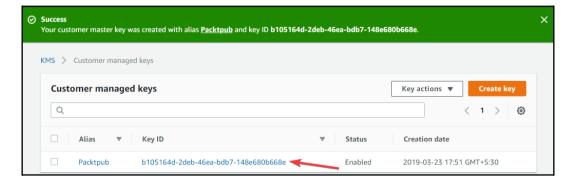


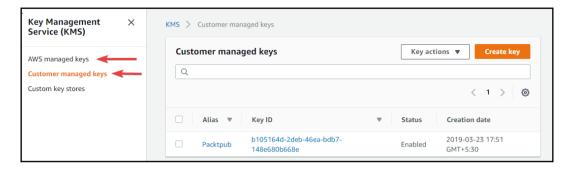


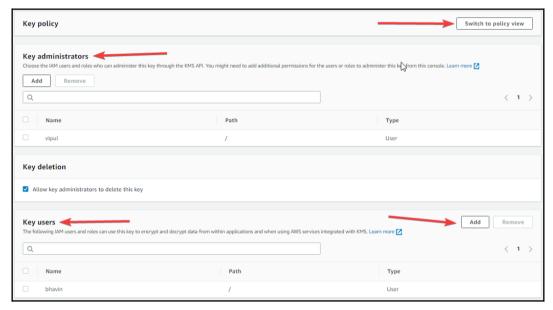


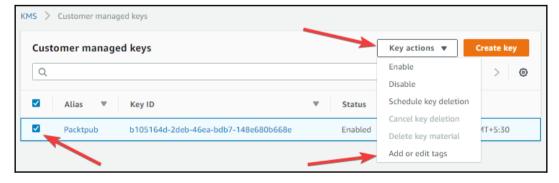


```
KMS > Customer managed keys > Create key
Review and edit key policy
Step 5 of 5
     1 {
           "Id": "key-consolepolicy-3",
     2
           "Version": "2012-10-17",
     3
           "Statement": [
     4
     5
               {
                  "Sid": "Enable IAM User Permissions",
     7
                  "Effect": "Allow",
     8
                  "Principal": {
                      "AWS": "arn:aws:iam::123456789012:root"
     9
    10
                 },
                  "Action": "kms:*",
    11
                 "Resource": "*"
    12
              },
    13
    14
                  "Sid": "Allow access for Key Administrators",
    15
                                   Cancel
                                                  Previous
                                                                   Finish
```



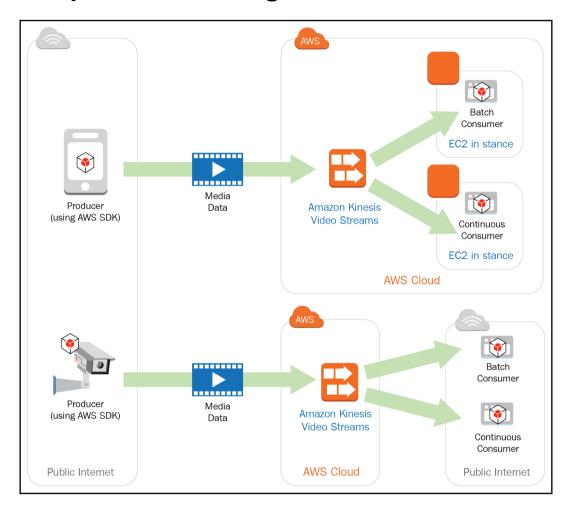


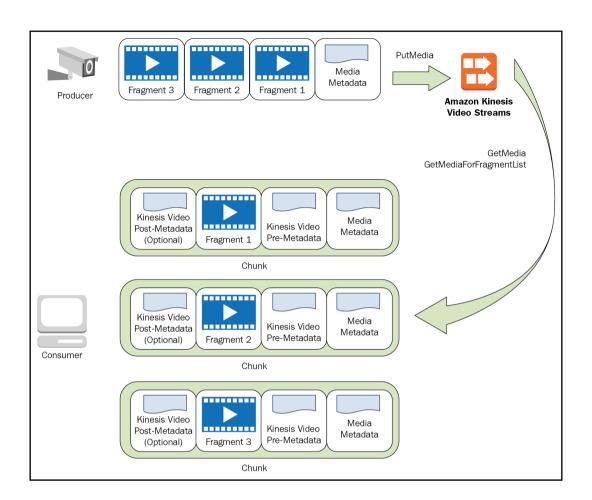


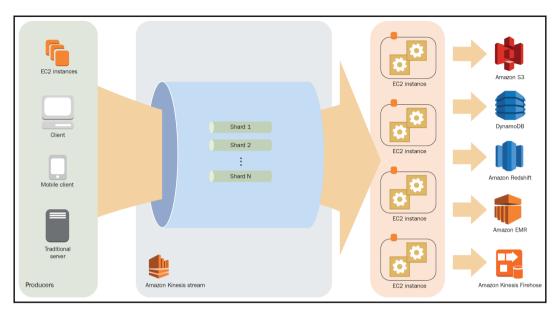


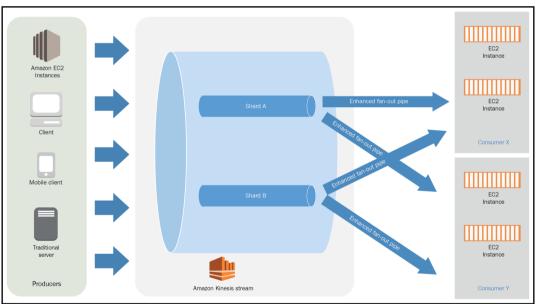


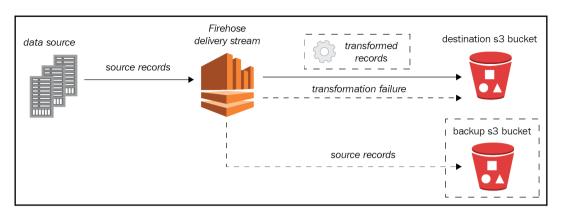
Chapter 19: Working with AWS Kinesis

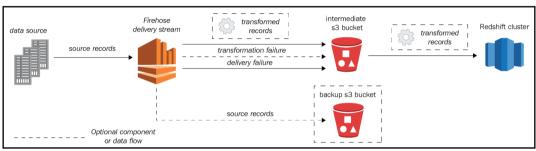


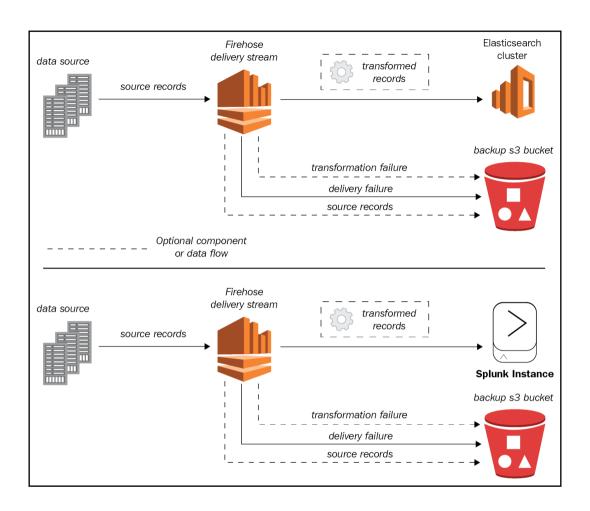


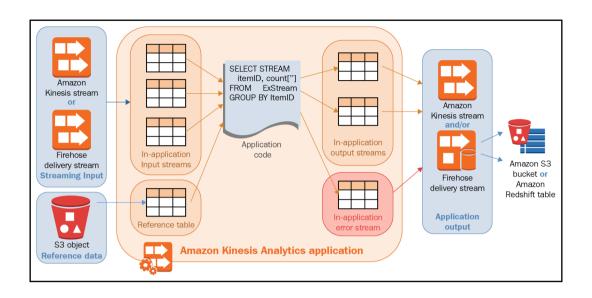




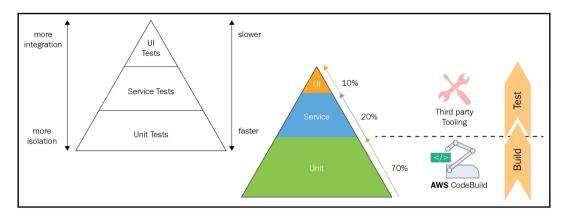


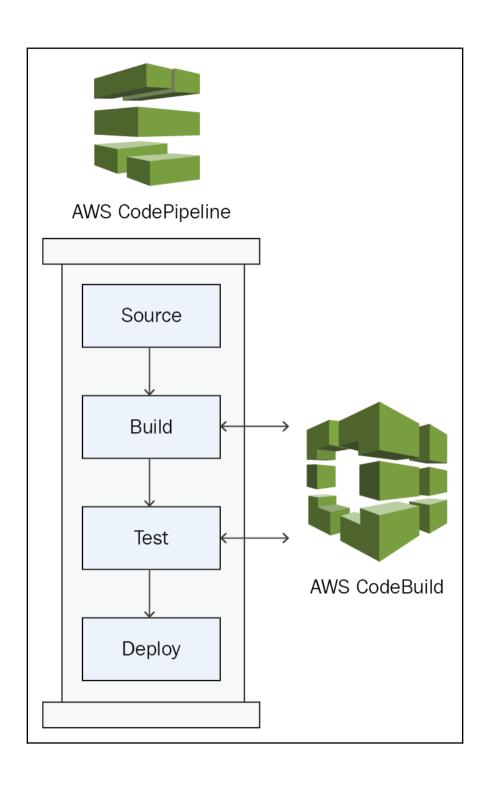


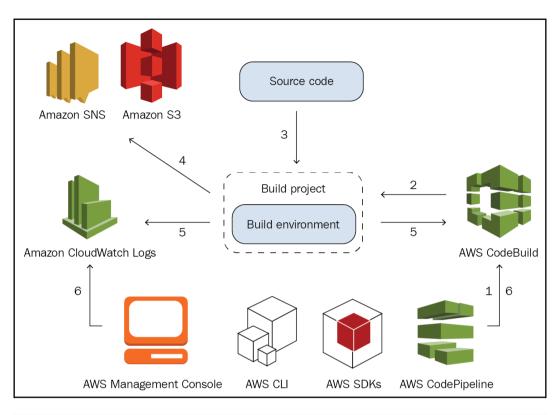


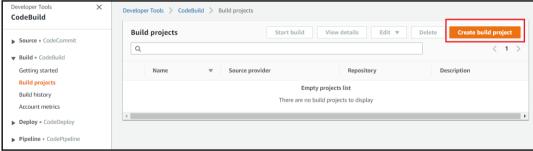


Chapter 20: Working with AWS CodeBuild

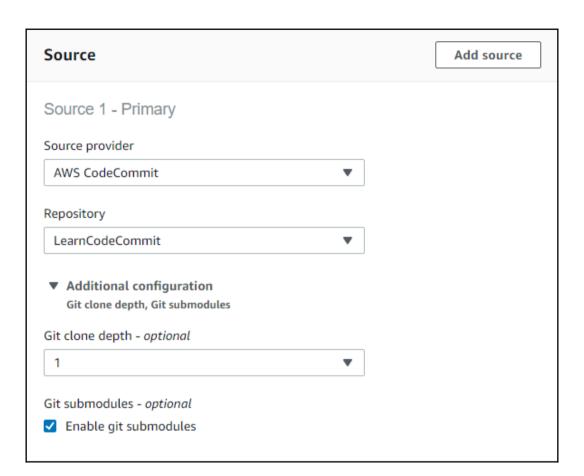








Project configuration			
Project name			
LearnCodeBuild			
A project name must be 2 to 255 characters. It can include the letters A-Z and a-z, the numbers 0-9, and the special characters - and			
Description - optional			
Learn AWS CodeBuild Project configuration.			
Build badge - optional Enable build badge			
▼ Additional configuration Tags			
Key Value			
BuildType Test Remove tag			
Add tag			

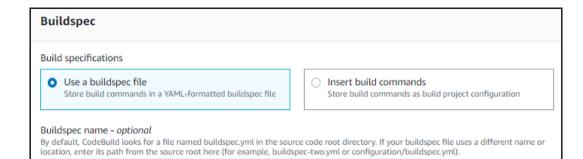


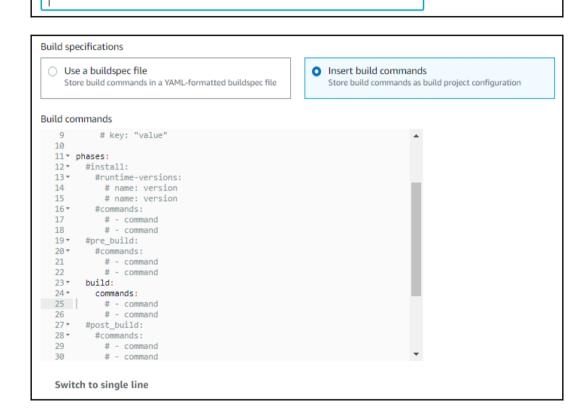
Environment image				
Managed image Use an image managed by AWS CodeBuild Specify a Docker image				
Operating system				
Ubuntu ▼				
① The programming language runtimes are now included in the standard image of Ubuntu 18.04, which is recommended for new CodeBuild projects created in the console. See Docker Images Provided by CodeBuild for details ☑.				
Runtime(s)				
Java ▼				
Image				
aws/codebuild/java:openjdk-11 ▼				
Image version				
Always use the latest image for this runtime version ▼				
Privileged ✓ Enable this flag if you want to build Docker images or want your builds to get elevated privileges Service role				
New service role Create a service role in your account Existing service role Choose an existing service role from your account				
Role name				
codebuild-Learn Codebuild-service-role				
Type your service role name				
► Additional configuration Timeout, certificate, VPC, compute type, environment variables				

Environment image			
Managed image Use an image managed by AWS CodeBuild	Custom image Specify a Docker image		
Environment type Choose an environment type			
Linux	▼		
Image registry			
Amazon ECR Use an image from Amazon ECR	Other registry Use an image hosted in an external Docker registry		
ECR account You can use an ECR image from your account or another that you have access to.			
My ECR account	Other ECR account		
Amazon ECR repository Choose an Amazon ECR repository	▼		
Amazon ECR image Choose an Amazon ECR image			
	▼		
Image pull credentials Choose which service role will be authorized to pull the selected image	e		
AWS CodeBuild credentials Use the AWS CodeBuild default service role	Project service role Use the service role associated with this project to pull the image		
Privileged			
 Enable this flag if you want to build Docker images or wa elevated privileges 	ant your builds to get		

Environment image	
Managed image Use an image managed by AWS CodeBuild	Custom image Specify a Docker image
Environment type Choose an environment type	
Linux	▼
Image registry	
Amazon ECR Use an image from Amazon ECR	Other registry Use an image hosted in an external Docker registry
External registry URL	
docker	
<docker repository="">/<docker image="" name=""></docker></docker>	
Registry credential - optional	
You can supply a secret name or ARN from AWS Secrets Manager to a using the project's service role to pull the image.	uthenticate to an external registry. Providing a credential requires
Privileged	
 Enable this flag if you want to build Docker images or we elevated privileges 	ant your builds to get

▼ Additional configuration Timeout, certificate, VPC, compute type, environment variable	les
Timeout Default timeout is 1 hour	
Hours	Minutes
1	0
Timeout must be between 5 minutes and 8 hours	
Queued timeout Default time in build queue is 8 hours	
Hours	Minutes
8	0
Timeout must be between 5 minutes and 8 hours	
Certificate If you have a self-signed certificate or a certificate signed by a certificate.	ication authority, choose the option to install it from your S3 bucket.
Do not install any certificate	Install certificate from your S3 bucket
VPC Select a VPC that your AWS CodeBuild project will access.	
vpc-d56996b2	▼
subnet-1c97f436 us-east-1b X Default Subnet AZ-1b	us-east-1a X
Security groups Select the VPC security groups that AWS CodeBuild should use to we connections.	ork with your VPC. Ensure that your security groups allow outbound
	▼
sg-70e41d0b X default	
Compute	
 3 GB memory, 2 vCPUs 	
7 GB memory, 4 vCPUs	
○ 15 GB memory, 8 vCPUs	
Environment variables	
Name Value	Туре
	Plaintext ▼ Remove
Add environment variable	
Create parameter	

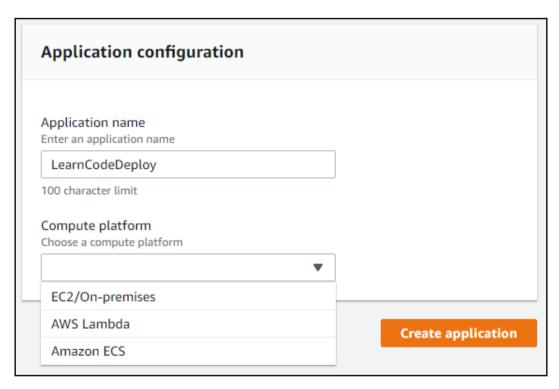




Artifacts	Add artifact
Artifact 1 - Primary	
Type	
Amazon S3 ▼	
You might choose no artifacts if you are running tests or pushing a Docker image to Amazon ECR.	
Bucket name	
codebuildtestarifacts ▼	
Name - optional The name of the folder or compressed file in the bucket that will contain your output artifacts. Use Artifacts packagi configuration to choose whether to use a folder or compressed file.	ng under Additional
☑ Enable semantic versioning Use the artifact name specified in the buildspec file	
Path - optional The path to the build output ZIP file or folder.	
Example: MyPath/MyArtifact.zip.	
Namespace type - optional	
None ▼	
Choose Build ID to insert the build ID into the path to the build output ZIP file or folder, e.g. MyPath/MyBuildID/MyAchoose None.	Artifact.zip. Otherwise,
Artifacts packaging	
None The artifact files will be uploaded to the bucket. Zip AWS CodeBuild will upload artifacts in that is put into the specified bucket.	nto a compressed file
Remove artifact encryption Remove encryption if using the artifact to publish a static website or sharing content with others	
► Additional configuration Cache, encryption key	

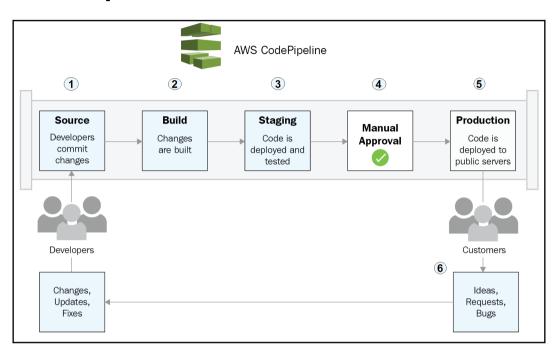
Logs
CloudWatch
✓ CloudWatch logs – optional Checking this option will upload build output logs to CloudWatch.
Group name
CodeBuildLogsGroup
Stream name
testBuildStream
S3
✓ S3 logs - optional Checking this option will upload build output logs to S3.
Bucket
codebuildlogs.test ▼
Path prefix
testBuild
Remove S3 log encryption

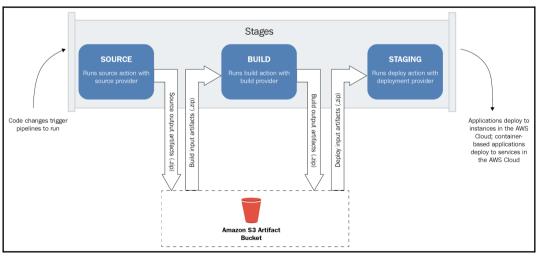
Chapter 21: Getting Started with AWS CodeDeploy

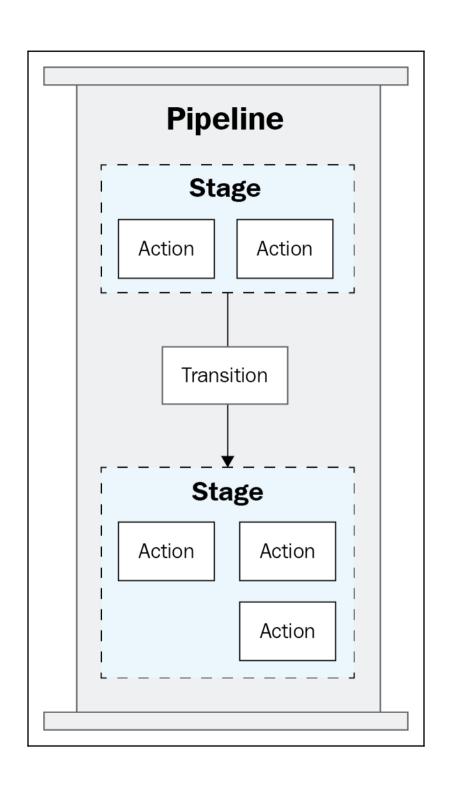


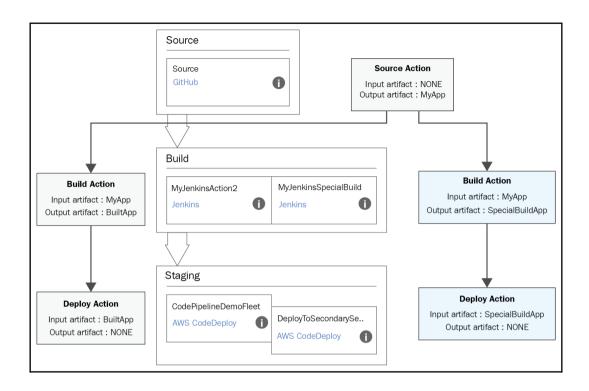


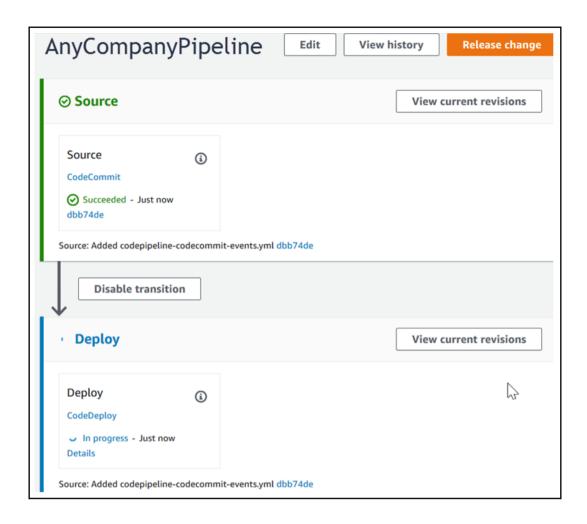
Chapter 22: Working with AWS CodePipeline



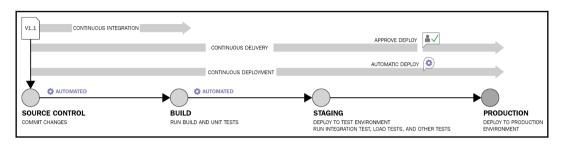


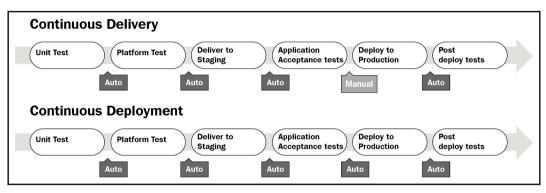


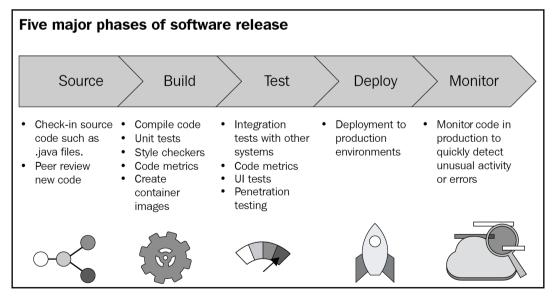


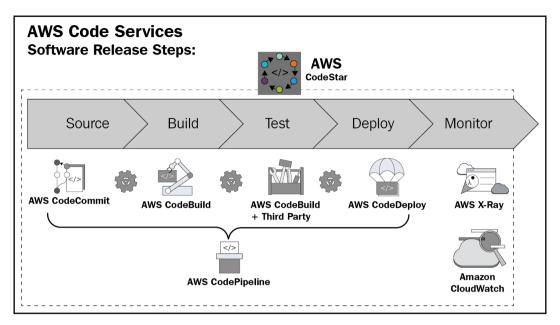


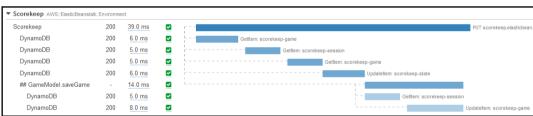
Chapter 23: CI/CD on AWS





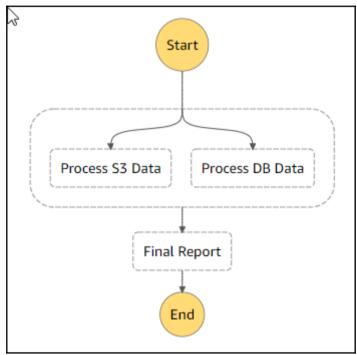




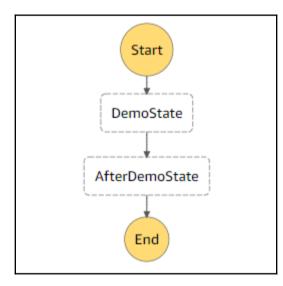


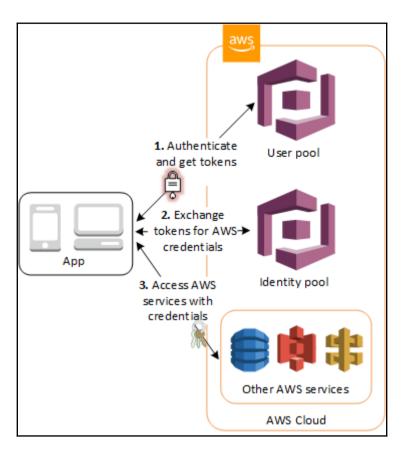
Chapter 24: Serverless Computing

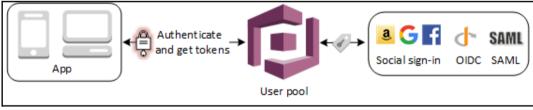


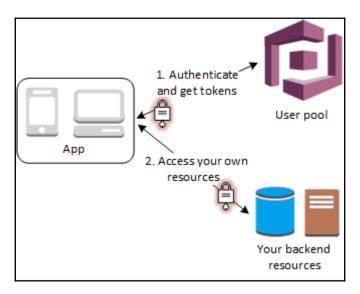


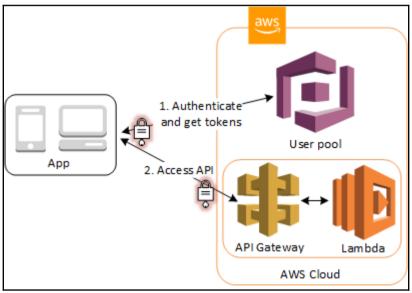


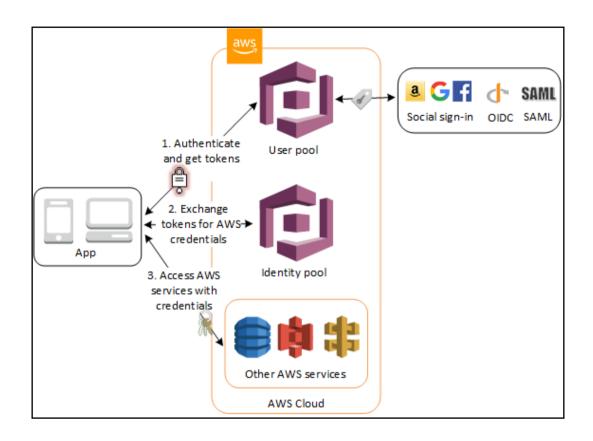


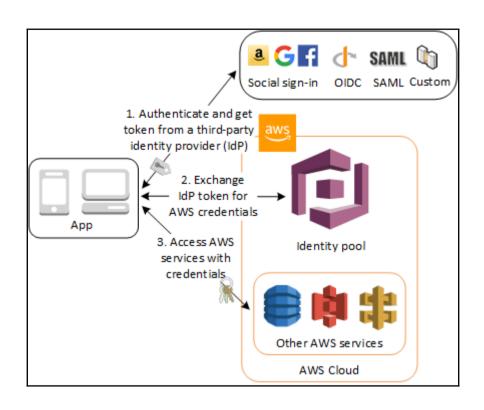


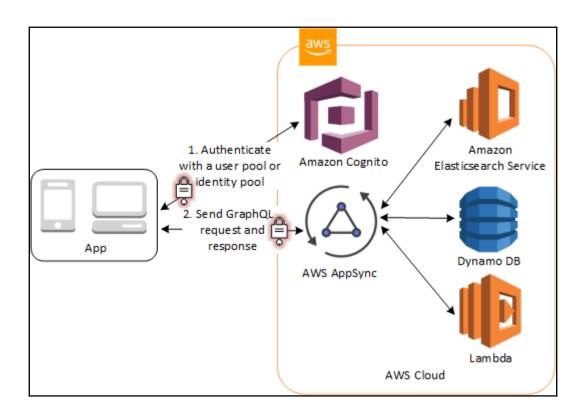




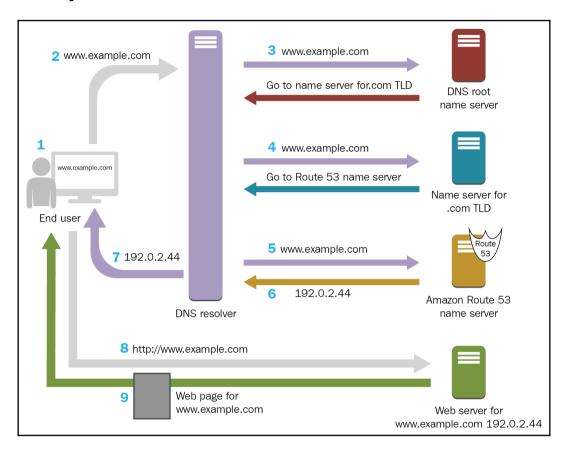


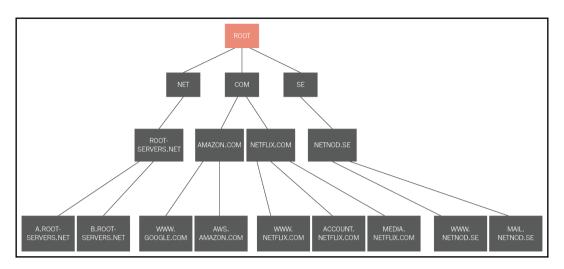


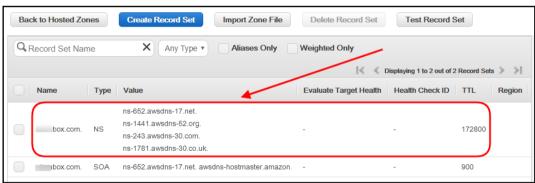


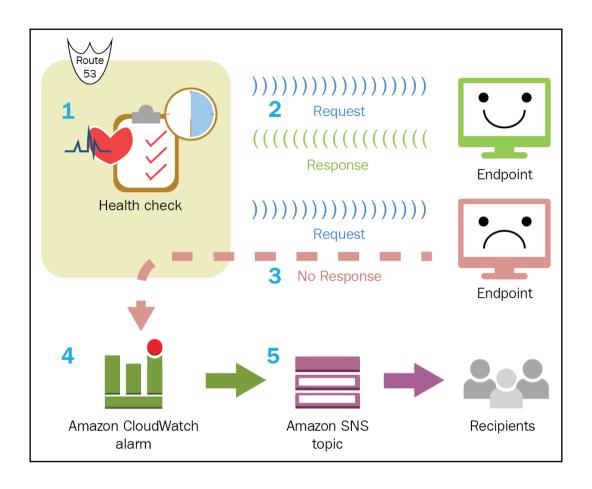


Chapter 25: Amazon Route 53

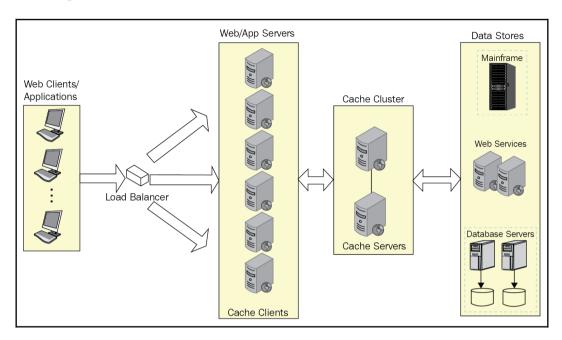


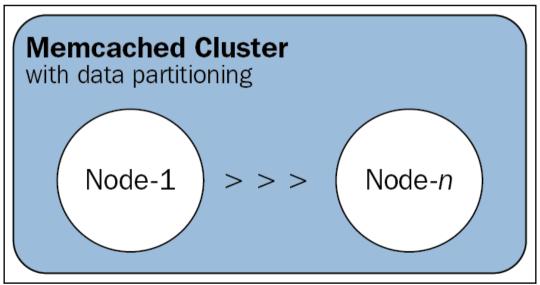


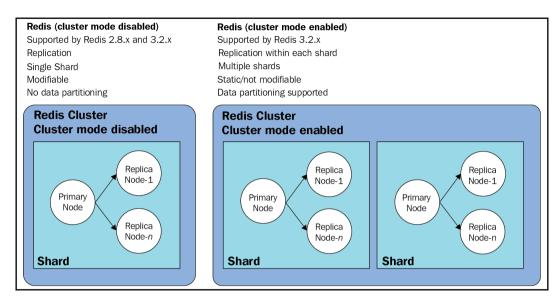


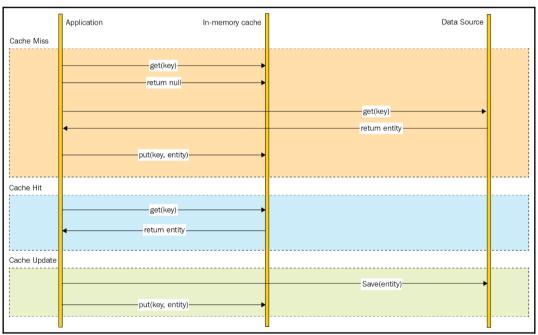


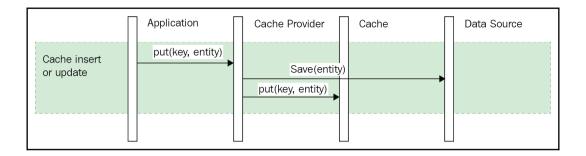
Chapter 26: ElastiCache Overview











Chapter 27: Mock Tests

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Name	Date modified	Туре	Size	
node_modules	23-09-2017 22:03	File folder		
index.js	23-09-2017 22:07	JavaScript File	27 KB	

Chapter 28: Exploring AWS CodeCommit

