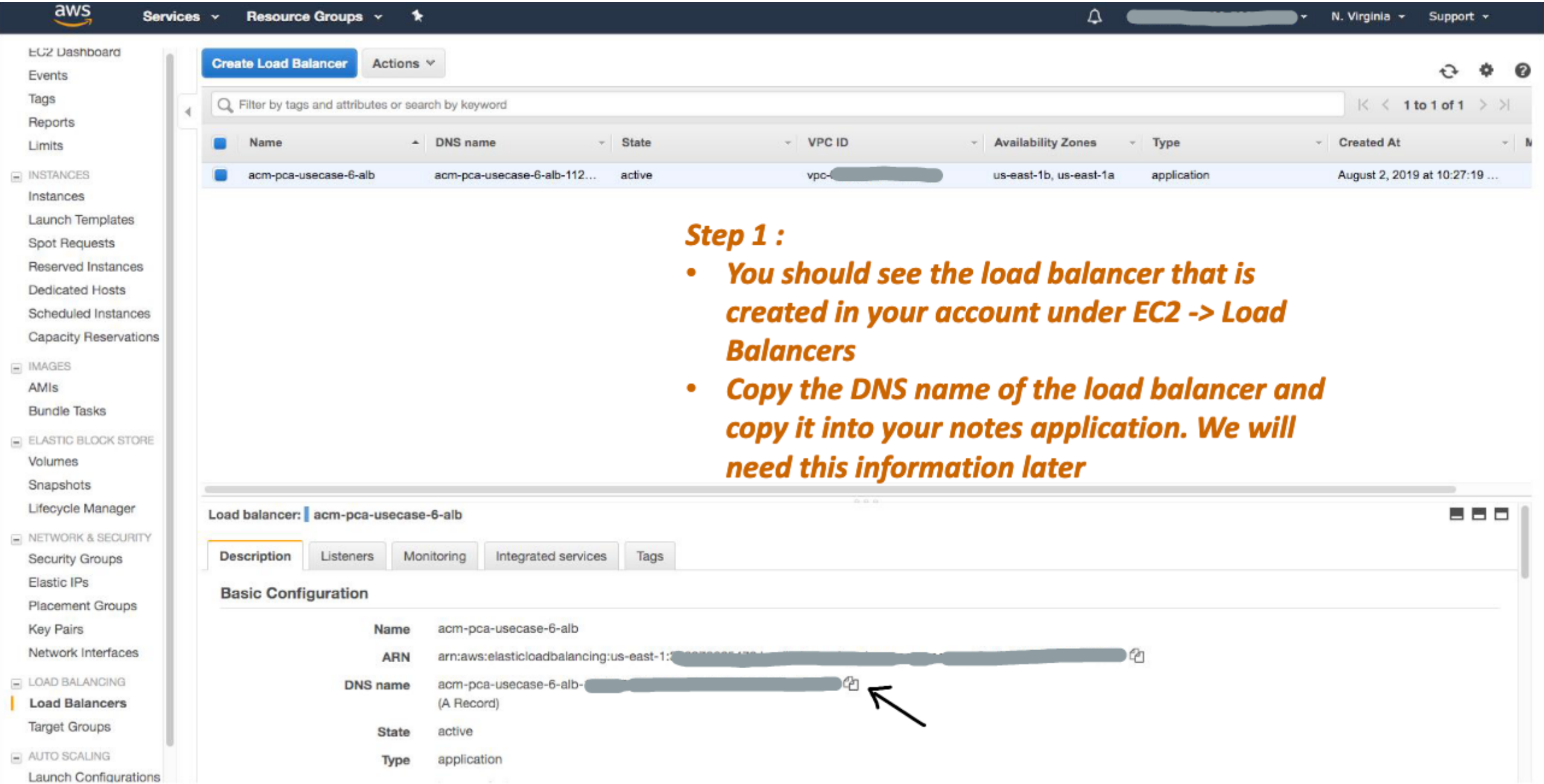

aws
Services
Resource Groups
N. Virginia
Support
EC2 Dashboard
Events
Tags
Reports
Limits
INSTANCES
Instances
Launch Templates
Spot Requests
Reserved Instances
Dedicated Hosts
Scheduled Instances
Capacity Reservations
IMAGES
AMIs
Bundle Tasks
ELASTIC BLOCK STORE
Volumes
Snapshots
Lifecycle Manager
NETWORK & SECURITY
Security Groups
Elastic IPs
Placement Groups
Key Pairs
Network Interfaces
LOAD BALANCING
Load Balancers
Target Groups
AUTO SCALING
Launch Configurations
Create Load Balancer
Actions
Filter by tags and attributes or search by keyword
1 to 1 of 1
Name
DNS name
State
VPC ID
Availability Zones
Type
Created At
acm-pca-usecase-6-alb
acm-pca-usecase-6-alb-112...
active
vpc-
us-east-1b, us-east-1a
application
August 2, 2019 at 10:27:19 ...
Step 1 :
You should see the load balancer that is created in your account under EC2 -> Load Balancers
Copy the DNS name of the load balancer and copy it into your notes application. We will need this information later
Load balancer: acm-pca-usecase-6-alb
Description
Listeners
Monitoring
Integrated services
Tags
Basic Configuration
Name
acm-pca-usecase-6-alb
ARN
arn:aws:elasticloadbalancing:us-east-1:
DNS name
acm-pca-usecase-6-alb-
(A Record)
State
active
Type
application

Certificates
Certificate Manager

Private certificate authority
Private CAs

AWS Certificate Manager

AWS Certificate Manager (ACM) makes it easy to provision, manage, deploy, and renew SSL/TLS certificates on the AWS platform.

Get started

User guide

Step 2 :

- ***Let's issue a private certificate***
- ***Click Get Started***

Provision certificates

Provide the name of your site, establish your identity, and let ACM do the rest. ACM manages renewal of SSL/TLS certificates issued by Amazon for you.

Learn more.

Deploy SSL/TLS-based sites and applications

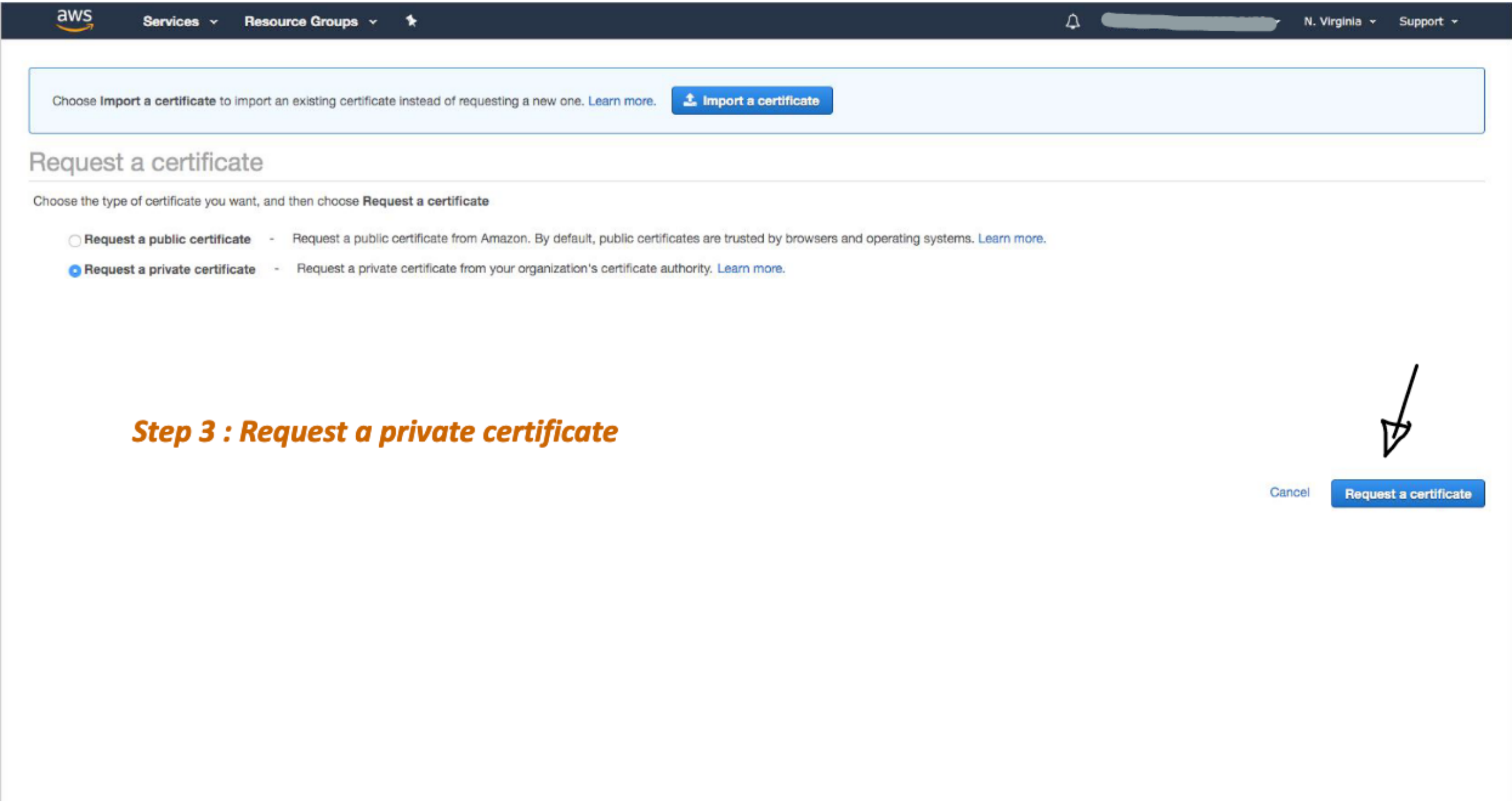
Create an Elastic Load Balancer or Amazon CloudFront distribution and use ACM-provided or imported certificates with SSL/TLS to securely identify your site.

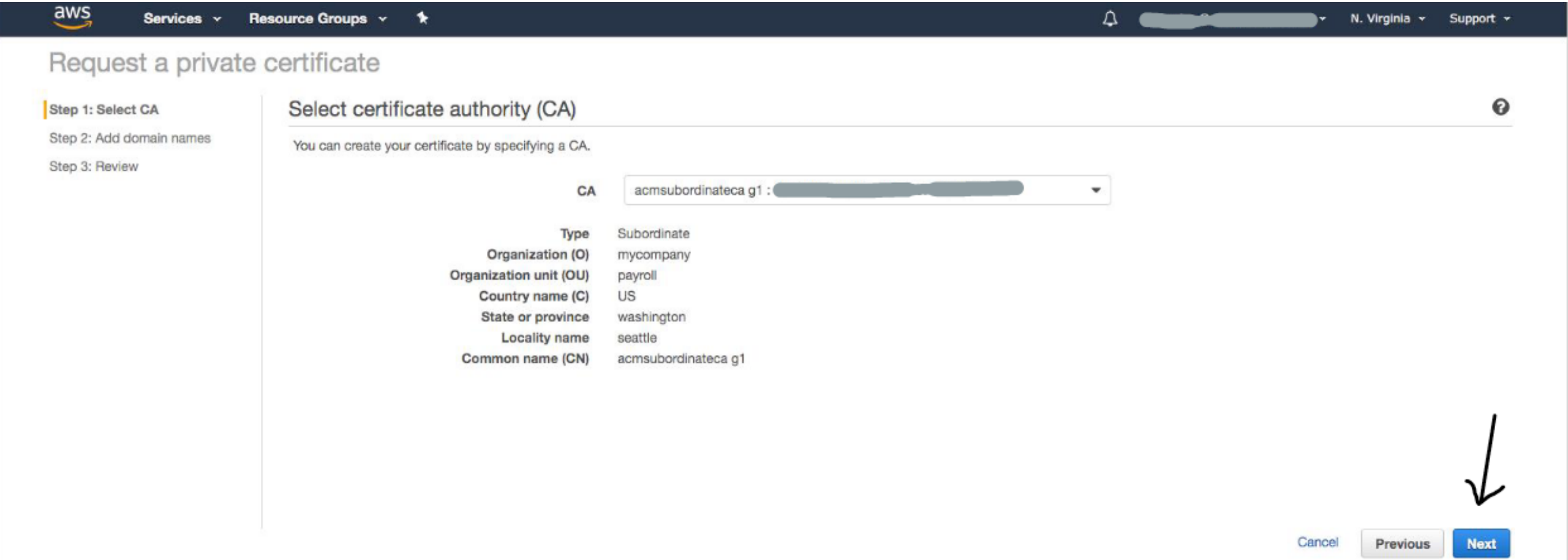
Learn more.

Manage certificates

See all of your ACM-provided and imported certificates in one place in the AWS Management Console. Automate management tasks by using the ACM API, SDK, or CLI.

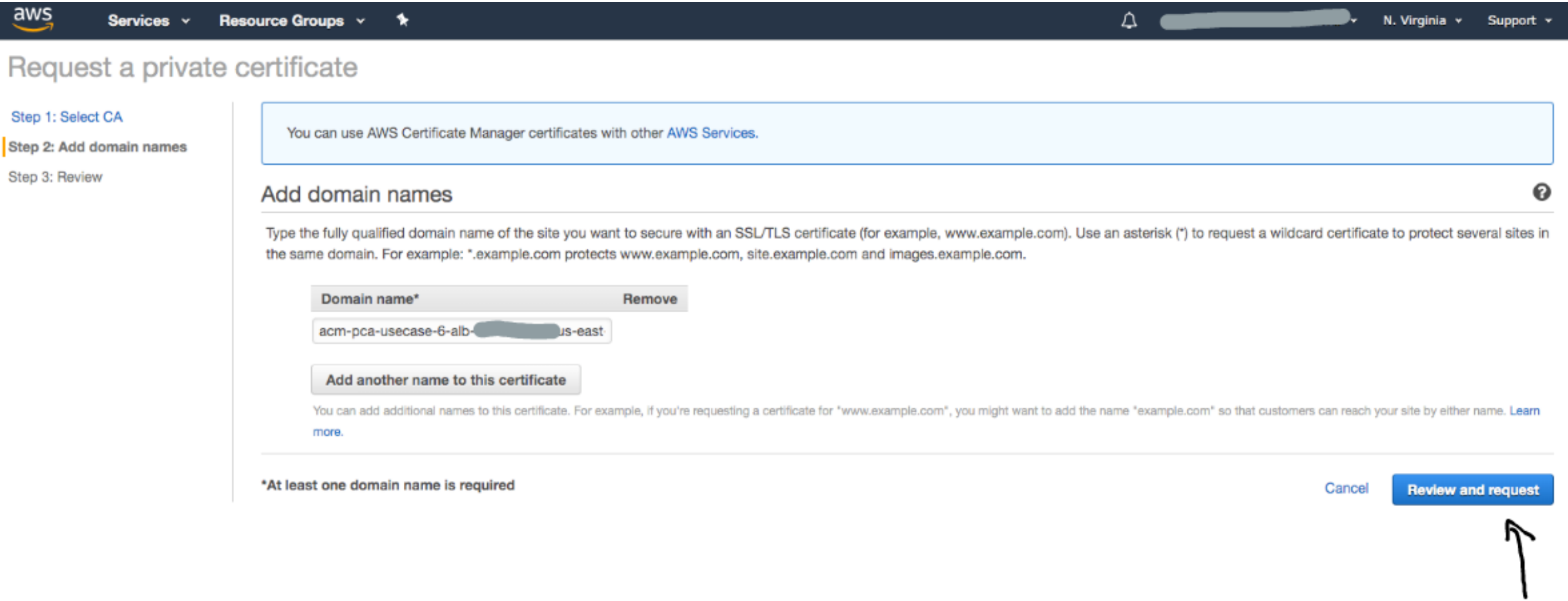
Learn more.


aws
Services
Resource Groups
N. Virginia
Support
Choose Import a certificate to import an existing certificate instead of requesting a new one. Learn more.
Import a certificate
Request a certificate
Choose the type of certificate you want, and then choose Request a certificate
Request a public certificate - Request a public certificate from Amazon. By default, public certificates are trusted by browsers and operating systems. Learn more.
Request a private certificate - Request a private certificate from your organization's certificate authority. Learn more.
Step 3 : Request a private certificate
Cancel
Request a certificate



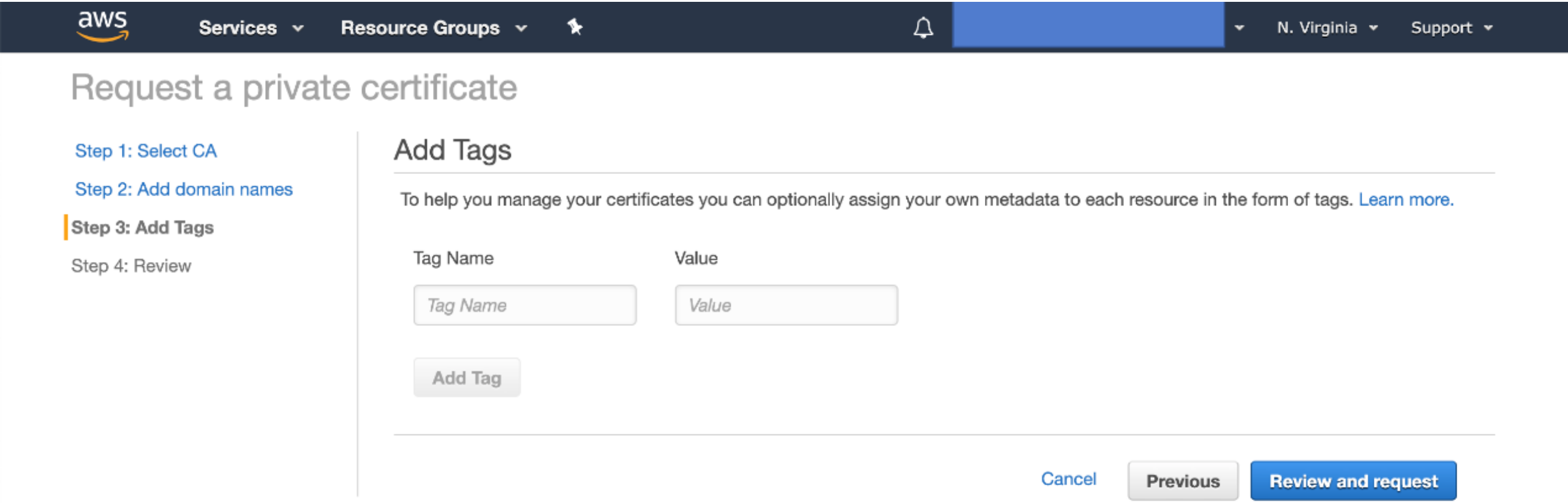
Step 4 :

- ***Select the subordinate CA with common name acmsubordinateca g1***
- ***The issued private certificate will be signed by this subordinate issuing CA***



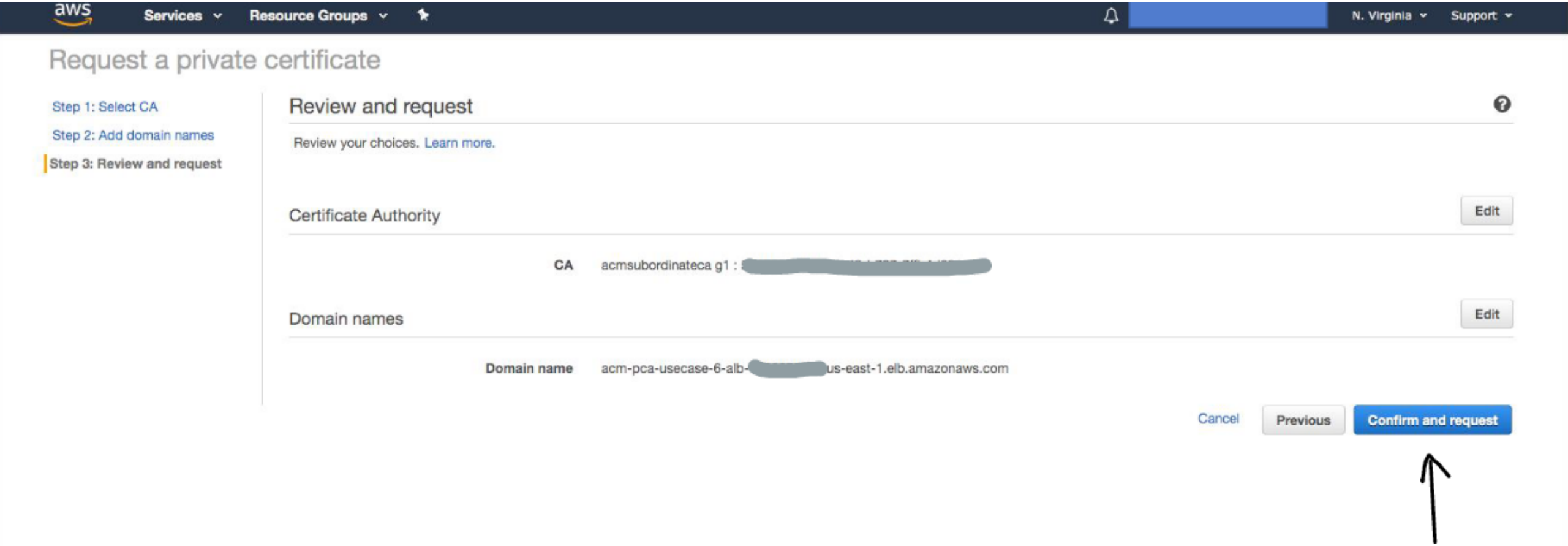
Step 5 :

- ***Fill in the domain name for the certificate with the DNS name of the ALB that you copied in Step 1***



Step 6 :

- ***Don't put any tags here as we won't be using tags on private certificates***
- ***FYI ACM Private Certificates now supports tag on create.***



Step 7 : Verify that the domain name is accurate and click Confirm and request

Certificates
Certificate Manager

Private certificate authority
Private CAs

Certificates

AWS Certificate Manager logs domain names from your certificates into public certificate transparency (CT) logs when renewing certificates. You can opt out of CT logging. Learn more

Success
Your certificate was requested successfully.

Request a certificate | Import a certificate | Actions

Viewing certificates 1 to 1

Name	Domain name	Additional names	Status	Type	In use?	Renewal eligibility
	acm-pca-usecase-6-alb-[redacted]s-east-1.elb.amazonaws.com		Issued	Private	No	Ineligible

Status

Certificate created successfully

Status	Issued
Detailed status	The certificate was issued at 2019-08-03T23:06:01UTC

Details

Type	Private
In use?	No
Domain name	acm-pca-usecase-6-alb-[redacted]us-east-1.elb.amazonaws.com
Number of additional names	0
Identifier	187e0aaf-339e-43ea-ac4a-df2e8e141a36
Serial number	d7:c1:14:2f:6e:d9:1f:e3:4e:9d:3d:e6:63:56:63:4b
Requested at	2019-08-03T23:05:58UTC
Issued at	2019-08-03T23:06:01UTC
Not before	2019-08-03T22:05:59UTC
Not after	2020-09-03T23:05:59UTC
Public key info	RSA 2048-bit
Signature algorithm	SHA256WITHRSA
ARN	arn:aws:acm:us-east-1[redacted]certificate/187e0aaf-339e-43ea-ac4a-df2e8e141a36
CA	arn:aws:acm-pca:us-east-1[redacted]