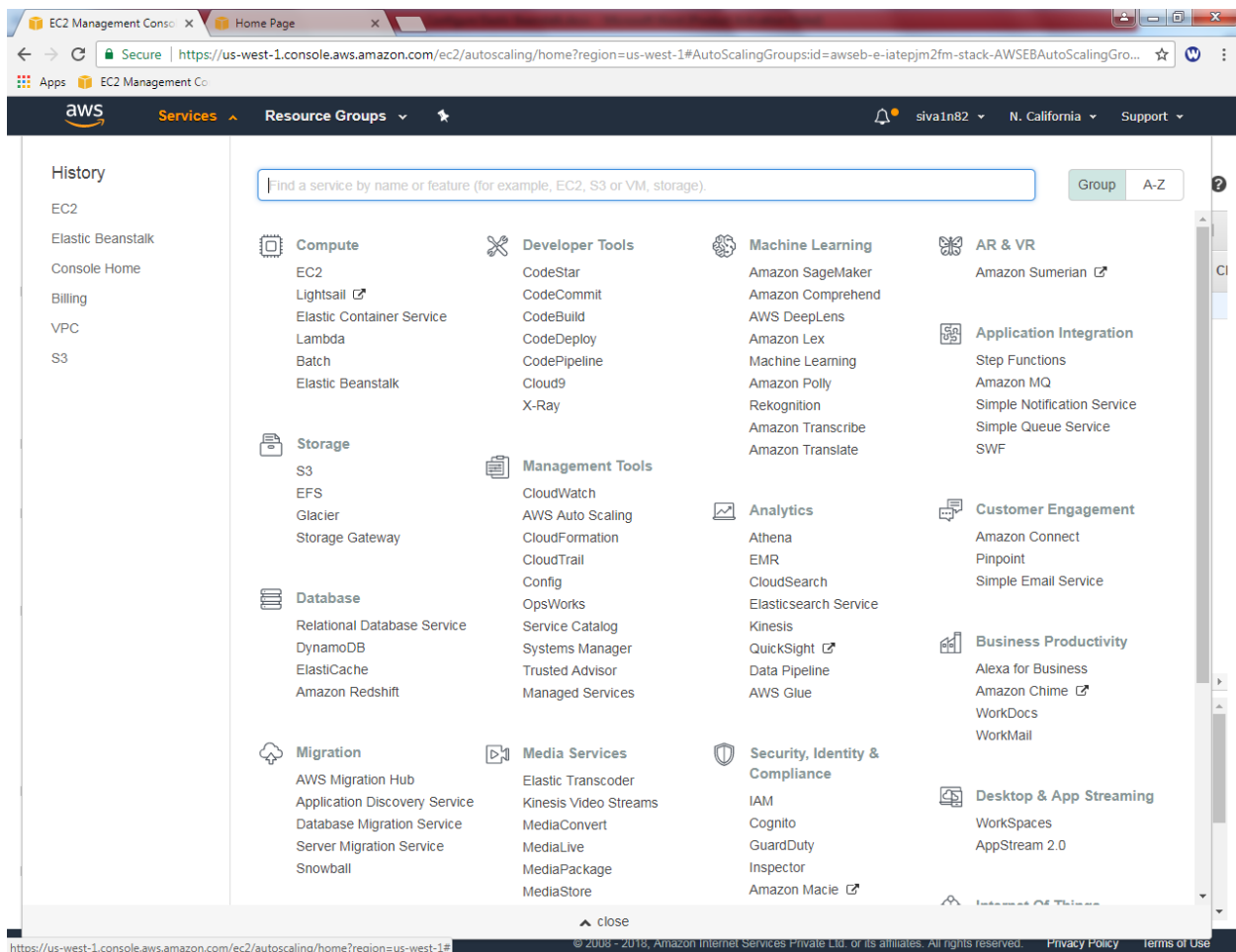


Lab5

Configure Elastic Beanstalk

Logged into AWS Account, click “Elastic Beanstalk”.



Select .NET (Windows/IIS) and Click "Launch now"

The screenshot shows the AWS Elastic Beanstalk console interface. At the top, the navigation bar includes the AWS logo, 'Services', 'Resource Groups', and a user profile 'siva1n82' in 'N. California'. The main header shows 'Elastic Beanstalk' and a 'Create New Application' link. The central content area is titled 'Welcome to AWS Elastic Beanstalk' and provides instructions on how to deploy, monitor, and scale applications. It includes a 'Launch Now' button and a dropdown menu for selecting a platform, currently set to '.NET (Windows/IIS)'. Below this, the 'Get Started in Three Easy Steps' section is displayed, consisting of three steps: 'Select a Platform' (represented by a list icon), 'Upload an Application or Use a Sample' (represented by a cloud and monitor icon), and 'Run it!' (represented by gear icons).

Welcome to AWS Elastic Beanstalk

With Elastic Beanstalk, you can **deploy**, **monitor**, and **scale** an application quickly and easily. Let us do the heavy lifting so you can focus on your business.

To deploy your **existing web application**, create an [application source bundle](#) and then [create a new application](#). If you're using **Git** and would prefer to use it with our command line tool, please see [Getting Started with the EB CLI](#).

To deploy a **sample application** with just one click, select a platform and click **Launch Now**.

By launching the sample application, you allow AWS Elastic Beanstalk to administer AWS resources and necessary permissions on your behalf. [Learn more](#)




.NET (Windows/IIS)

Looking for a different platform? [Let us know](#).

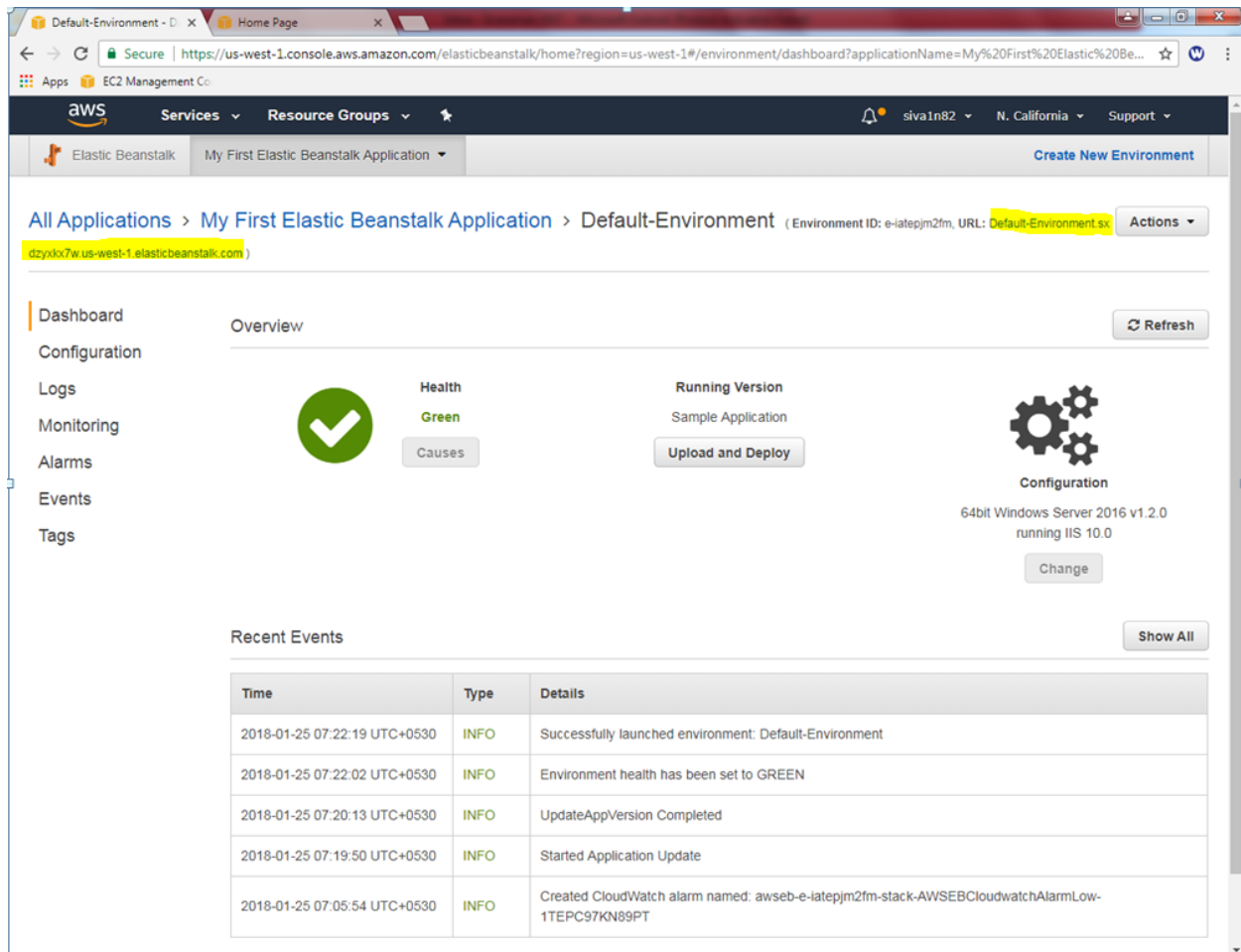
AWS Elastic Beanstalk will create an environment running IIS 10.0 on 64bit Windows Server 2016 v1.2.0. [Change platform version](#).

Launch Now

Get Started in Three Easy Steps

- 
Select a Platform
- 
Upload an Application or Use a Sample
- 
Run it!

Wait for 10 minutes to deploy, after that you can able to see the health status in Green.

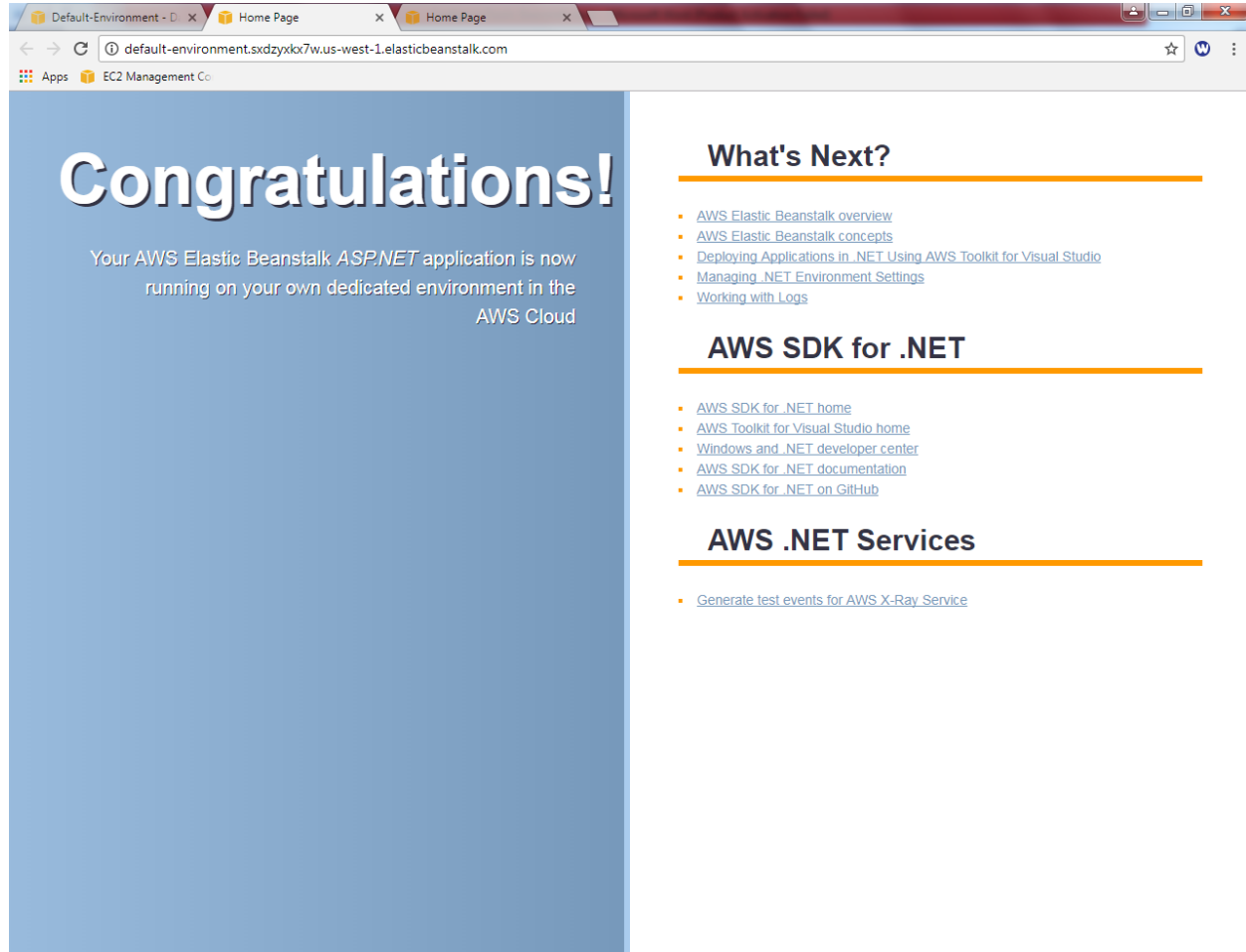


The screenshot displays the AWS Elastic Beanstalk console for a specific environment. The top navigation bar includes the AWS logo, 'Services', 'Resource Groups', and user information. The main header shows 'Elastic Beanstalk' and 'My First Elastic Beanstalk Application'. The breadcrumb trail indicates the current view: 'All Applications > My First Elastic Beanstalk Application > Default-Environment'. The environment ID is 'e-latepjm2fm' and the URL is 'Default-Environment.sx'. The dashboard includes a sidebar with navigation links: Dashboard, Configuration, Logs, Monitoring, Alarms, Events, and Tags. The main content area shows the 'Overview' tab with a 'Health' status of 'Green' (indicated by a green checkmark icon), a 'Running Version' of 'Sample Application', and a 'Configuration' of '64bit Windows Server 2016 v1.2.0 running IIS 10.0'. A 'Recent Events' table is located at the bottom, listing five events related to the environment's launch and health status.

Time	Type	Details
2018-01-25 07:22:19 UTC+0530	INFO	Successfully launched environment: Default-Environment
2018-01-25 07:22:02 UTC+0530	INFO	Environment health has been set to GREEN
2018-01-25 07:20:13 UTC+0530	INFO	UpdateAppVersion Completed
2018-01-25 07:19:50 UTC+0530	INFO	Started Application Update
2018-01-25 07:05:54 UTC+0530	INFO	Created CloudWatch alarm named: awseb-e-latepjm2fm-stack-AWSEBCloudwatchAlarmLow-1TEPC97KN89PT

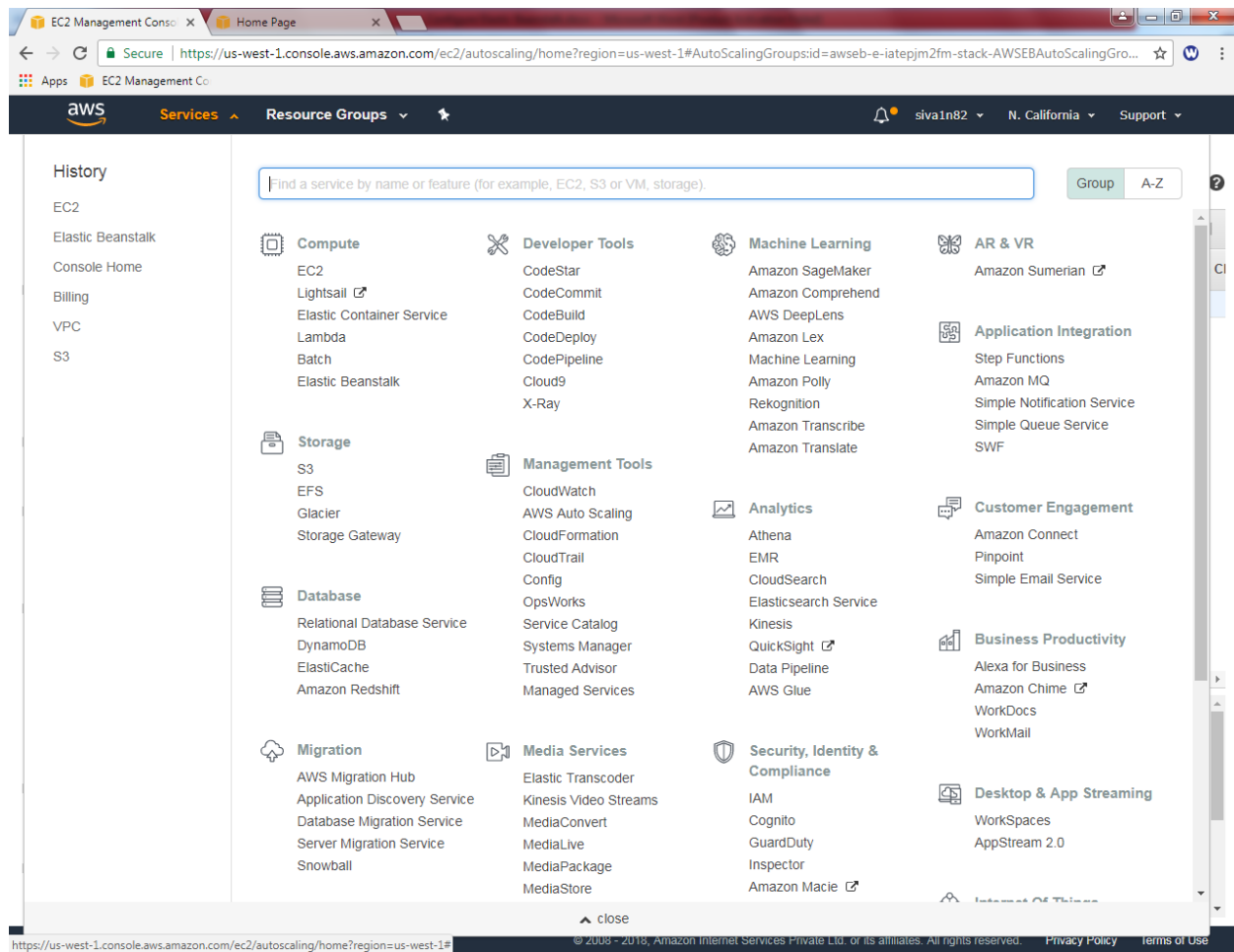
Click above URL to launch the Elastic Beanstalk webserver.

Now we have successfully connected the webserver.



Now you need to remove the configurations part in aws console.

Click "Ec2" service.



In EC2, service click “Auto Scaling Groups” , then click the created group.

Right click “Auto scaling groups”, click delete to delete auto scaling group.

The screenshot shows the AWS Management Console interface for Auto Scaling Groups. The left sidebar contains navigation links for EC2 Dashboard, INSTANCES, IMAGES, ELASTIC BLOCK STORE, NETWORK & SECURITY, LOAD BALANCING, and AUTO SCALING. The main content area shows a table of Auto Scaling Groups with one group listed. Below the table, the details for the selected group are shown, including tabs for Details, Activity History, Scaling Policies, Instances, Monitoring, Notifications, Tags, Scheduled Actions, and Lifecycle Hooks. The Details tab is active, showing the Launch Configuration, Launch Template, Launch Template Version, Load Balancers, and Target Groups.

Name	Launch Configuration /	Instances	Desired	Min	Max	Availability Zones	Default Cooldown	Health C
awseb-e-iatepj...	awseb-e-iatepj2fm-st...	1	1	1	4	us-west-1b, us-west-1c	360	0

Auto Scaling Group: awseb-e-iatepj2fm-stack-AWSEBAutoScalingGroup-1BCEHC8FK0JJD

Details | Activity History | Scaling Policies | Instances | Monitoring | Notifications | Tags | Scheduled Actions | Lifecycle Hooks

Launch Configuration awseb-e-iatepj2fm-stack-AWSEBAutoScalingLaunchConfiguration-13HS1T4ARY9KF

Launch Template

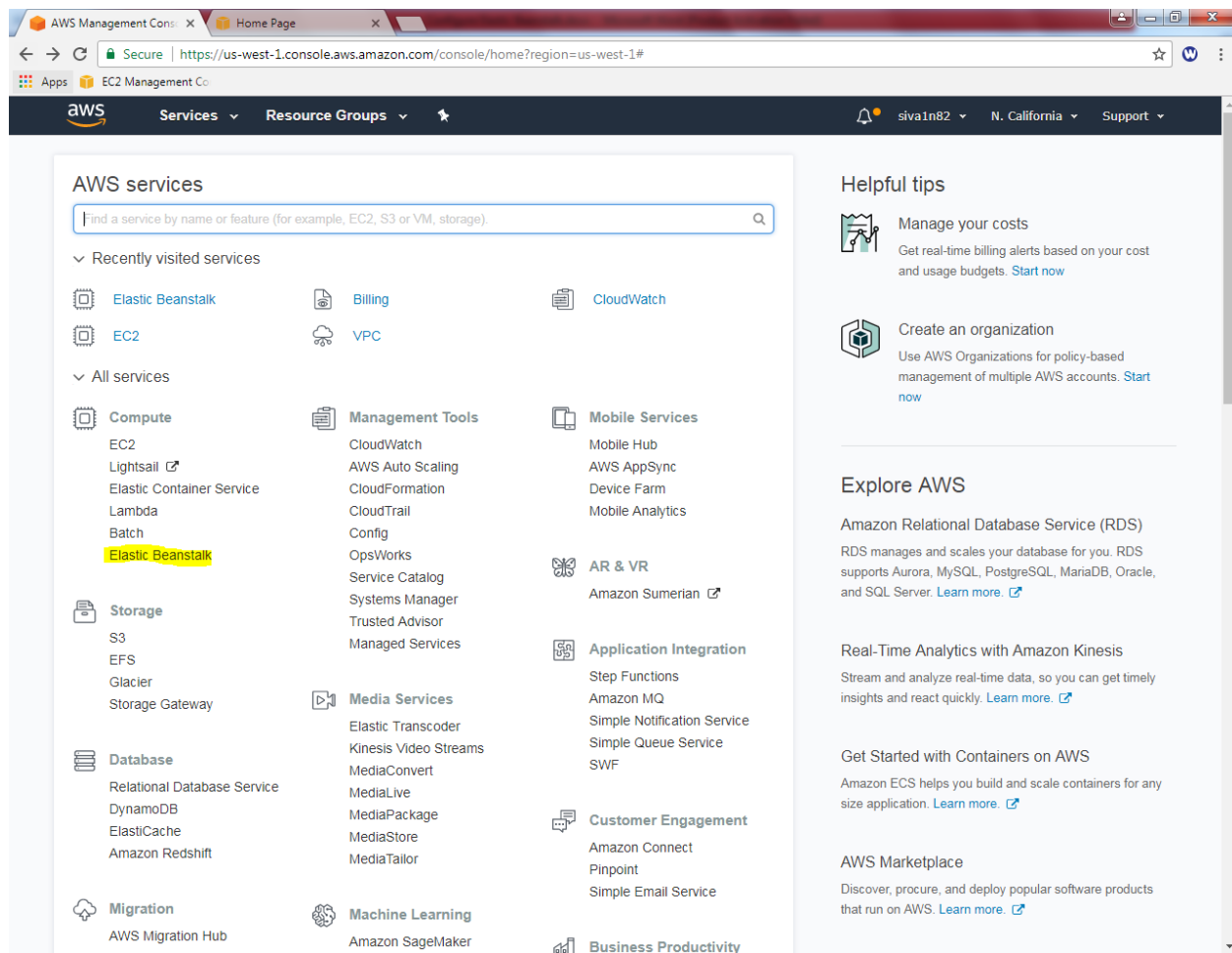
Launch Template Version

Load Balancers awseb-e-i-AWSEBLoa-1KY6U4GSE6Y76

Target Groups

Now auto scaling group has been deleted.

The screenshot shows the AWS Management Console interface for the Auto Scaling Groups page. The top navigation bar includes the AWS logo, 'Services', 'Resource Groups', and user information (siva1n82, N. California, Support). The left sidebar contains a navigation menu with categories: INSTANCES (Instances, Launch Templates, Spot Requests, Reserved Instances, Dedicated Hosts), IMAGES (AMIs, Bundle Tasks), ELASTIC BLOCK STORE (Volumes, Snapshots), NETWORK & SECURITY (Security Groups, Elastic IPs, Placement Groups, Key Pairs, Network Interfaces), LOAD BALANCING (Load Balancers, Target Groups), and AUTO SCALING (Launch, Configurations). The main content area has a 'Create Auto Scaling group' button and an 'Actions' dropdown. Below this is a search bar labeled 'Filter: Filter Auto Scaling groups...'. A table header is visible with columns: Name, Launch Configuration, Instances, Desired, Min, Max, Availability Zones, Default Cooldown, and Health Check. The table body displays the message 'No Auto Scaling groups found'. At the bottom of the main content area, there is a section titled 'Select an Auto Scaling group above' with three small icons.



Click “Default environment”.

The screenshot shows the AWS Elastic Beanstalk console. The top navigation bar includes the AWS logo, 'Services', 'Resource Groups', and user information. The left sidebar has a 'Learn More' section with links like 'Get Started using Elastic Beanstalk' and a 'Featured' section with a link to 'Create your own custom platform'. The main content area is titled 'All Applications' and shows a table with one application, 'My First Elastic Beanstalk Application'. The application has a 'Default-Environment' with details: Environment tier: Web Server, Running versions: Sample Application, Last modified: 2018-01-25 07:22:19 UTC+0530, and URL: Default-Environment.sxdzyxox7w.us-west-1... The bottom footer contains 'Feedback', 'English (US)', and copyright information.

Click “Terminate Environment”.

Default-Environment - D X Home Page X

Secure | <https://us-west-1.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-1#/environment/dashboard?applicationName=My%20First%20Elastic%20Be...>

Apps EC2 Management Co

aws Services Resource Groups

Elastic Beanstalk My First Elastic Beanstalk Application Create New Environment

All Applications > My First Elastic Beanstalk Application > Default-Environment (Environment ID: e-latepjm2fm, URL: Default-Environment.sx Actions

dzxio7w.us-west-1.elasticbeanstalk.com)

Dashboard
Configuration
Logs
Monitoring
Alarms
Events
Tags

Overview

Health
Red
Causes

Running Version
Sample Application
Upload and Deploy

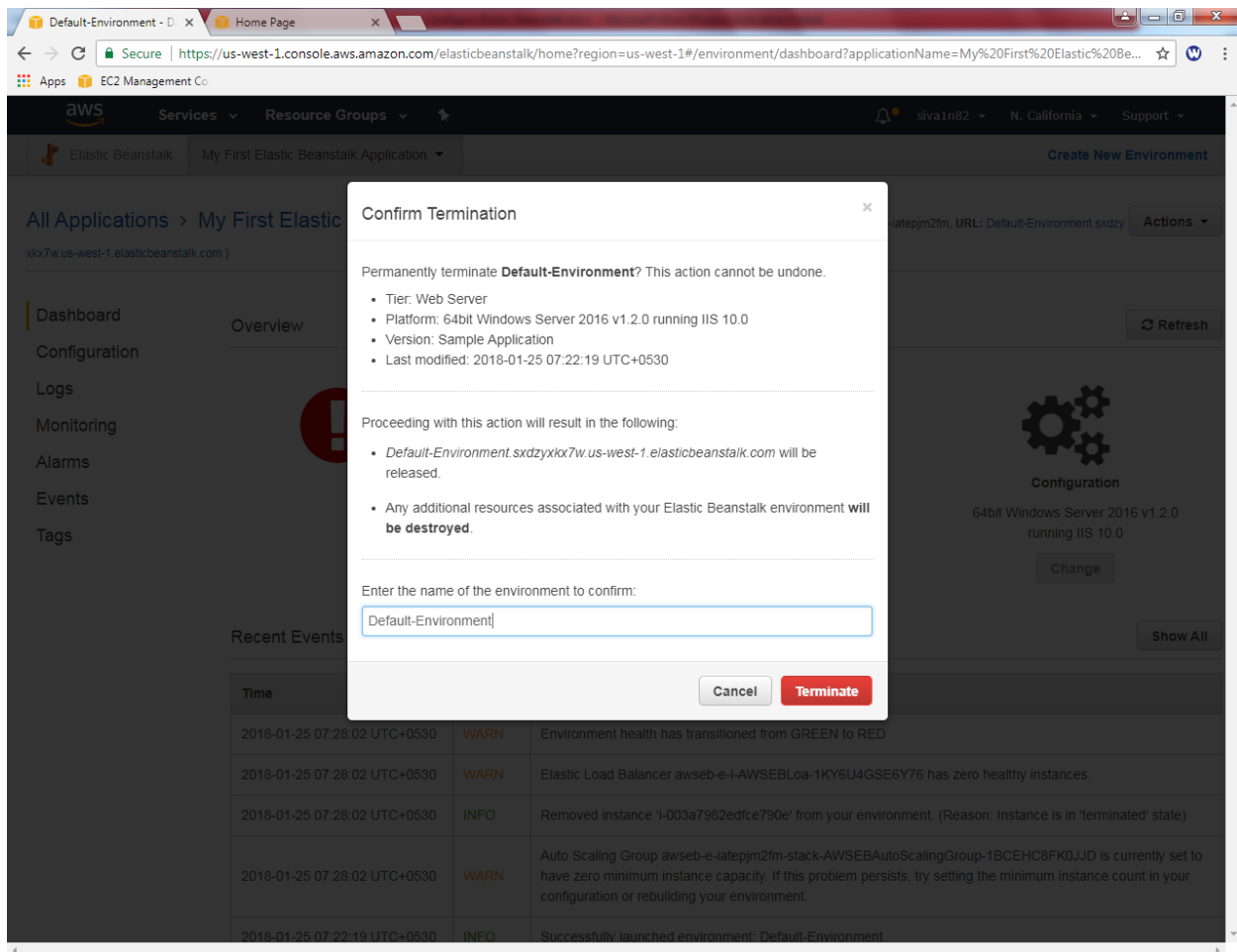
64bit Windows Server 2016 v1.2.0
running IIS 10.0
Change

Recent Events Show All

Time	Type	Details
2018-01-25 07:28:02 UTC+0530	WARN	Environment health has transitioned from GREEN to RED
2018-01-25 07:28:02 UTC+0530	WARN	Elastic Load Balancer awseb-e-l-AWSEBLoa-1KY6U4GSE6Y76 has zero healthy instances.
2018-01-25 07:28:02 UTC+0530	INFO	Removed instance 'i-003a7982edfce790e' from your environment. (Reason: Instance is in 'terminated' state)
2018-01-25 07:28:02 UTC+0530	WARN	Auto Scaling Group awseb-e-latepjm2fm-stack-AWSEBAutoScalingGroup-1BCEHC8FK0JJD is currently set to have zero minimum instance capacity. If this problem persists, try setting the minimum instance count in your configuration or rebuilding your environment.
2018-01-25 07:27:19 UTC+0530	INFO	Successfully launched environment: Default-Environment

<https://us-west-1.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-1>

Type the Environment name i.e. “Default-Environment” then click “Terminate”.



Now Elastic Beanstalk "Default environment" has been successfully terminated.

The screenshot shows the AWS Elastic Beanstalk console. The top navigation bar includes the AWS logo, 'Services', 'Resource Groups', and a user profile 'siva1n82' in 'N. California'. The main header shows 'Elastic Beanstalk' and 'My First Elastic Beanstalk Application' with a 'Create New Application' button. The left sidebar has links for 'Learn More', 'Featured', and 'Command Line Interface (v3)'. The main content area is titled 'All Applications' and 'My First Elastic Beanstalk Application', with a filter by application name and an 'Actions' button. A table lists the application 'Default-Environment (Terminated)' with details: Environment tier: Web Server, Running versions: Sample Application, Last modified: 2018-01-25 07:34:08 UTC+0530, and URL: Default-Environment.sxdzyxox7w.us-west-1... The footer contains 'Feedback', 'English (US)', and copyright information.

Learn More

- [Get Started using Elastic Beanstalk](#)
- [What Is AWS Elastic Beanstalk?](#)
- [How Does AWS Elastic Beanstalk Work?](#)

Featured

- [Create your own custom platform](#)

Command Line Interface (v3)

[Installing the AWS EB CLI](#)
[EB CLI Command Reference](#)

If you want to use a command line to create, manage, and scale your Elastic Beanstalk applications, please use the Elastic Beanstalk Command Line Interface (EB CLI).

Get Started

```
$ mkdir HelloWorld
$ cd HelloWorld
$ eb init -p PHP
$ echo "Hello World" > index.html
$ eb create dev-env
$ eb open
```

To deploy updates to your applications, use **'eb deploy'**.

All Applications

Filter by Application Name:

My First Elastic Beanstalk Application Actions ▾

Default-Environment (Terminated)
Environment tier: Web Server Running versions: Sample Application Last modified: 2018-01-25 07:34:08 UTC+0530 URL: Default-Environment.sxdzyxox7w.us-west-1...

[Feedback](#) [English \(US\)](#) © 2008 - 2018, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved. [Privacy Policy](#) [Terms of Use](#)