Deploy a High-Availability Web App using CloudFormation

• Diagram

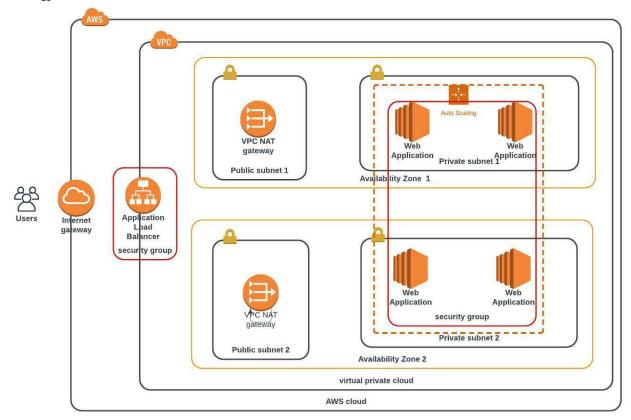
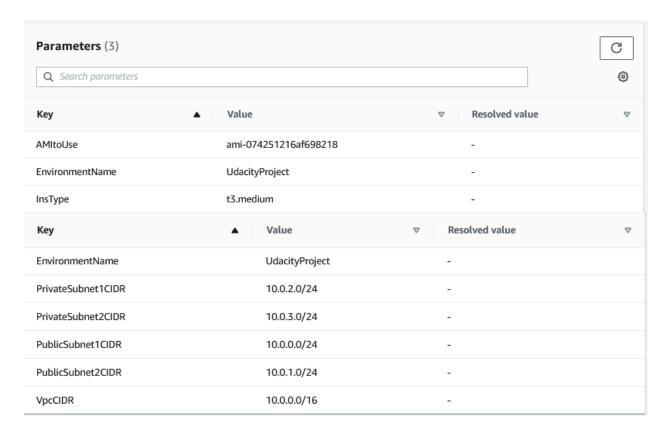


Diagram URL: https://lucid.app/publicSegments/view/7d5ced9e-d917-4f5b-b951-07ed9ec61330/image.jpeg

• The Basics

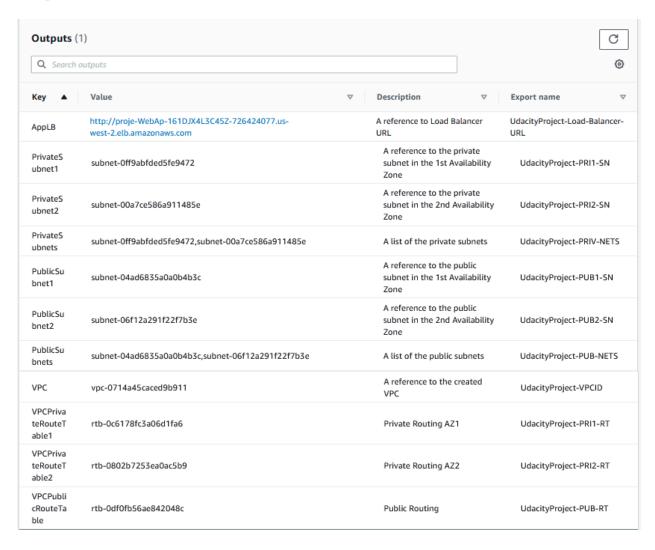
Parameters:



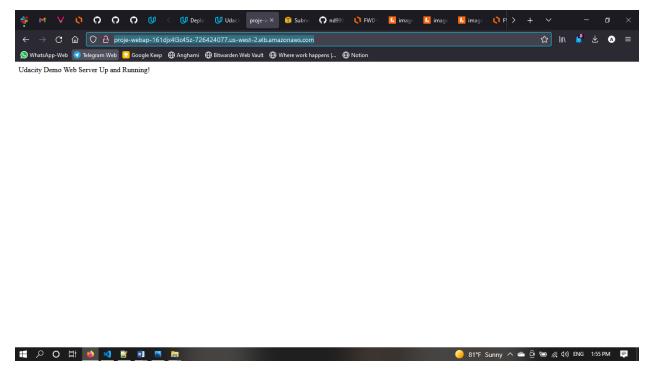
Resources:

Resources (8) Q. Search resources							C @
	1	_	Status	Status reason		Module	▽
ALBListenerRule	am:aws:elasticloadb alancing:us- west-2:247136817 745:listener- rule/app/proje- WebAp- 161DJX4L3C45Z /1bfac99fd7c59b9f /ee3a36b5dc3f490 6 /5dd25bbe05d5f56 8	AWS::ElasticL oadBalancing V2::ListenerR ule	⊘ CREATE_C OMPLETE	-	▽	-	·
LBSecGroup	sg-0dd6f0fe6ec648 cb5 🔼	AWS::EC2::Sec urityGroup	○ CREATE_C OMPLETE	-		-	
Listener	arn:aws:elasticloadb alancing:us- west-2:247136817 745:listener/app /proje-WebAp- 161DJX4L3C452 /1bfac99fd7c59b9f /ee3a36b5dc3f490 6	AWS::ElasticL oadBalancing V2::Listener	⊘ CREATE_C OMPLETE	-			
WebAppGroup	projectserver- WebAppGroup- V4J4HKIB068C ☑	AWS::AutoSca ling::AutoScali ngGroup	○ CREATE_C OMPLETE	-		-	
WebAppLB	arn:aws:elasticloadb alancing:us- west-2:247136817 745:loadbalancer/a pp/proje-WebAp- 161DJX4L3C45Z /1bfac99fd7c59b9f	AWS::ElasticL oadBalancing V2::LoadBalan cer	⊘ CREATE_C OMPLETE	-		-	
WebAppLaunchCo nfig	projectserver- WebAppLaunchCon fig-ddAsl0EtHAXn	AWS::AutoSca ling::LaunchC onfiguration				-	
WebAppTargetGro up	arn:aws:elasticloadb alancing:us- west-2:247136817 745:targetgroup/pr oje-WebAp- LV92T2XH7YEU /35978ddb5303a3 77	AWS::ElasticL oadBalancing V2::TargetGro up	○ CREATE_C OMPLETE	-			
WebServerSecGro up	sg-031371606be98 e9b9 ☑	AWS::EC2::Sec urityGroup		-		-	

Outputs



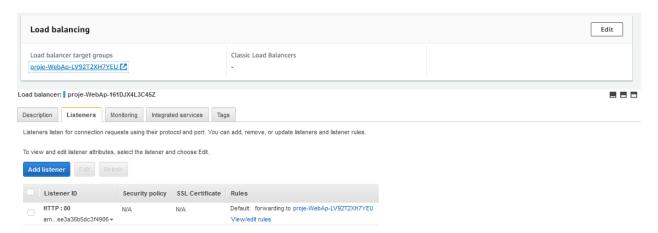
Working Test:



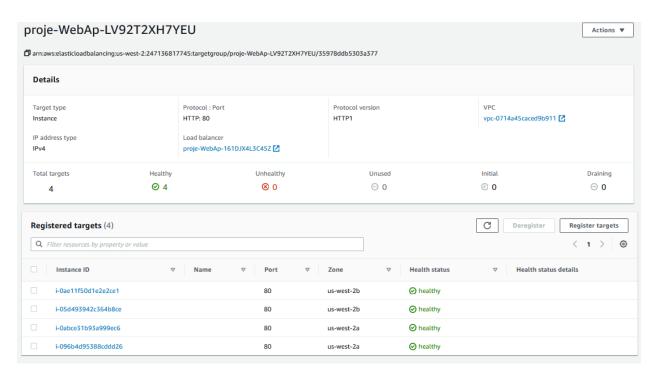
http://proje-webap-161djx413c45z-726424077.us-west-2.elb.amazonaws.com/

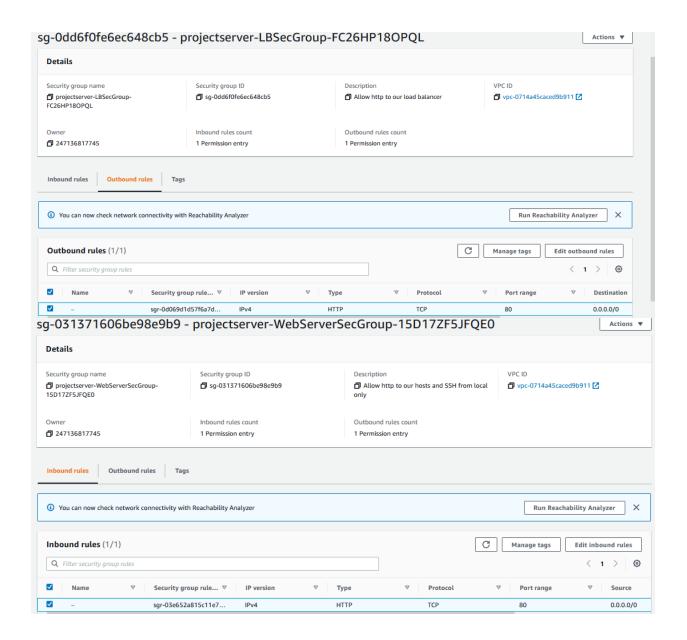
• Load Balancer

Target Group:



Health Check and Listener:





• Auto-Scaling

Subnets



Machine Specs



SSH Key

