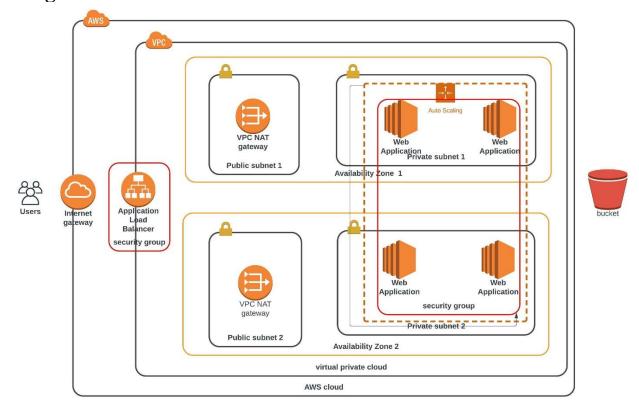
Deploy a High-Availability Web App using CloudFormation

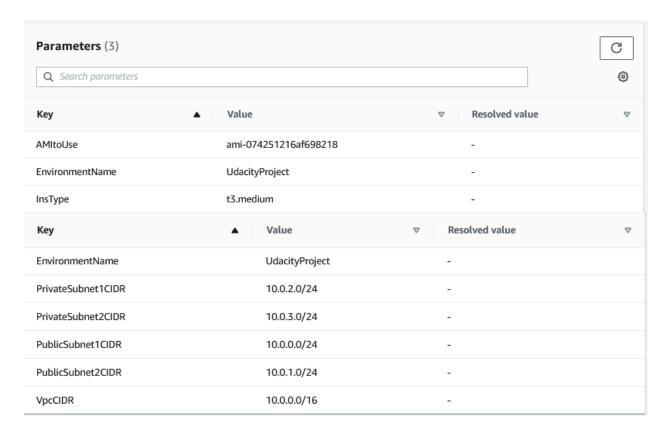
• Diagram



 $\frac{Diagram\ URL:\ \underline{https://lucid.app/publicSegments/view/493d2e14-20fb-4600-8c35-a750b8101d94/image.png}{}$

• The Basics

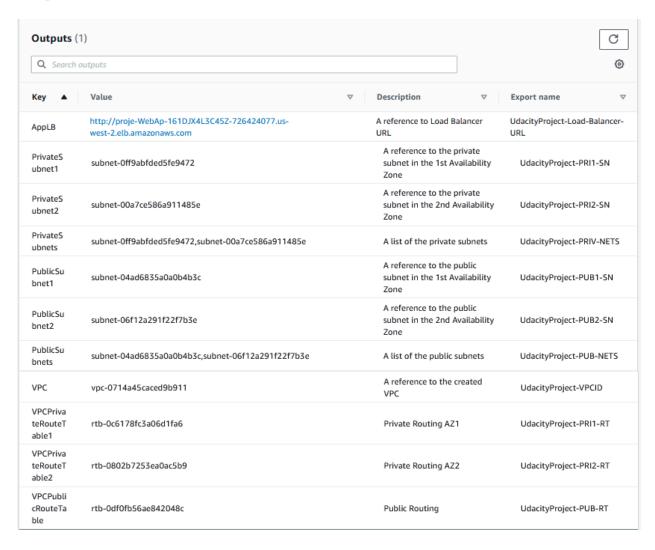
Parameters:



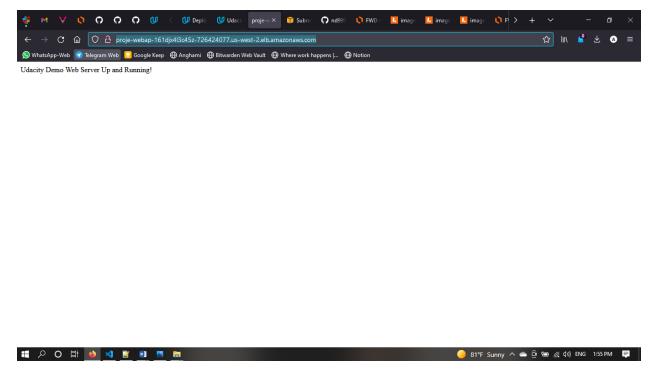
Resources:

Resources (9) Q. Search resources					C •
Logical ID 🛕	Physical ID	Type ▽	Status ▽	Status reason	▽ Module ▽
ALBListenerRule	arn:aws:elasticloadbala ncing:us- west-2:482366075815:l istener-rule/app/Proje- WebAp- 10U3OKZ20UTPA /796a01b03892d4cd /623ff68b310ab2c0 /fdfd97c4581496f5	AWS::ElasticLoad BalancingV2::List enerRule	○ CREATE_COM PLETE	-	-
LBSecGroup	sg-02d92a7bc69979ac 6 🖸	AWS::EC2::Securi tyGroup	○ CREATE_COM PLETE		
Listener	arn:aws:elasticloadbala ncing:us- west-2:482366075815:l istener/app/Proje- WebAp- 10U3OKZ20UTPA /796a01b03892d4cd /623ff68b310ab2c0	AWS::ElasticLoad BalancingV2::List ener	○ CREATE_COM PLETE	-	-
ProfileWithRolesForO urApp	ProjectServer- ProfileWithRolesForOur App-d1ukTBGlGOlX	AWS::IAM::Instan ceProfile		-	-
WebAppGroup	ProjectServer- WebAppGroup- 1QSCBLKNQYZP2	AWS::AutoScalin g::AutoScalingGr oup	○ CREATE_COM PLETE	-	-
WebAppLB	arn:aws:elasticloadbala ncing:us- west-2:482366075815:l oadbalancer/app/Proje- WebAp- 10U3OKZ20UTPA /796a01b03892d4cd	AWS::ElasticLoad BalancingV2::Loa dBalancer	⊘ CREATE_COM PLETE	-	
WebAppLaunchConfig	ProjectServer- WebAppLaunchConfig- RsjwSAhpBEv2 🖸	AWS::AutoScalin g::LaunchConfig uration	○ CREATE_COM PLETE	-	-
WebAppTargetGroup	arn:aws:elasticloadbala ncing:us- west-2:482366075815: targetgroup/Proje- WebAp-E5FWUJVIKR6J /2b8fc33e6b9afbdf	AWS::ElasticLoad BalancingV2::Tar getGroup	○ CREATE_COM PLETE	-	-
WebServerSecGroup	sg-0075d35d4ff116feb	AWS::EC2::Securi	○ CREATE_COM		

Outputs



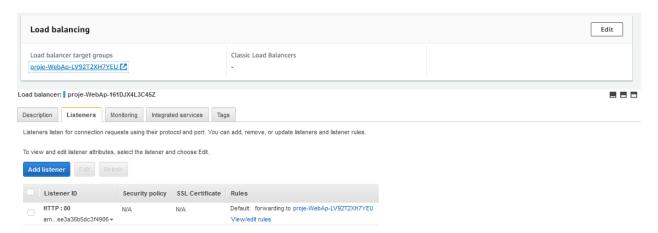
Working Test:



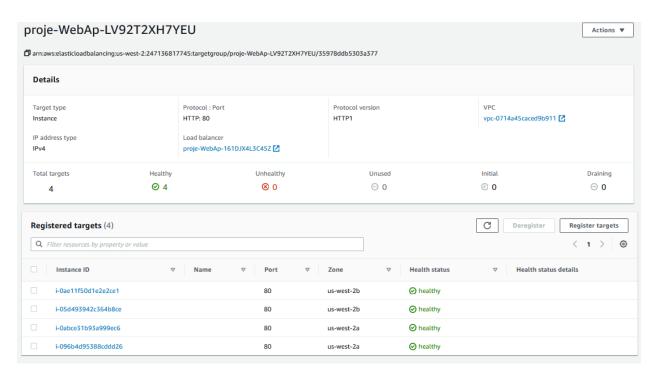
http://proje-webap-1ou3okz20utpa-219932361.us-west-2.elb.amazonaws.com/

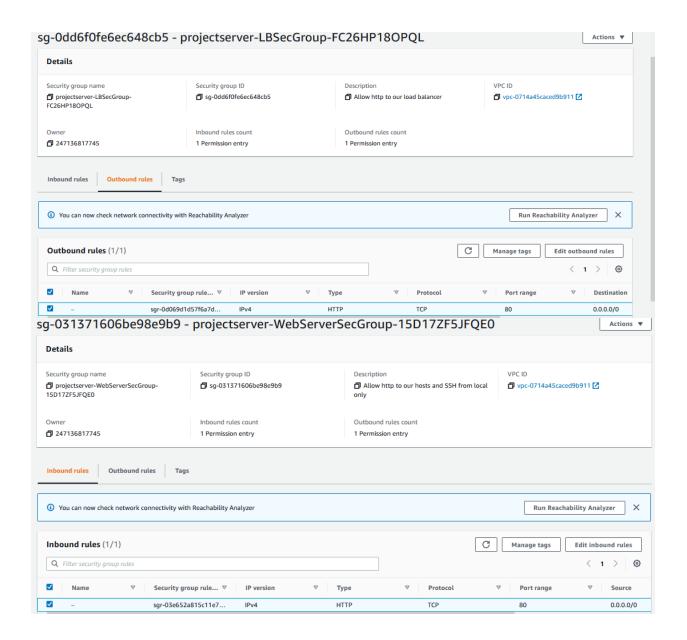
• Load Balancer

Target Group:



Health Check and Listener:





• Auto-Scaling

Subnets



Machine Specs



SSH Key

