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# Deploy a High-Availability Web App using CloudFormation

## REVIEW

### CODE REVIEW 3

### HISTORY

## Requires Changes

### 1 specification requires changes

Awesome work from your part. You are almost there. Just a small change in port number would get you through right away. All the best with your future submissions.

## The Basics

The more the better, but an exaggerated number of parameters can be messy ( say, 10 or more ). 1 or 0 is definitely lacking.

Great work with the parameters section. You have chosen 6 parameters which are commendable and included the json file.

This is the mandatory section of the script, we are looking for a LoadBalancer, Launch Configuration, AutoScaling group a health check, security groups and a Listener and Target Group.

Fabulous! You have nailed it with all the required fields.

This is optional, but it would be nice to have a URL here with the Load Balancer DNS Name and "http" in front of it .

The student has not provided with the URL but used the GetAtt for the LoadBalancer DNS name. Hence passing this one.

If the student provides a URL to verify his work is running properly, it will be a page that says "it works! Udagram, Udacity"

Not applicable as the URL is not provided. Passing this since it's optional.

## Load Balancer

The auto-scaling group needs to have a property that associates it with a target group. The Load Balancer will have a Listener rule associated with the same target group

Awesome! You have associated the target group with the load balancer listener rule and auto-scaling group.

Port 80 should be used in Security groups, health checks and listeners associated with the load balancer

Port 80 should be the one used in the security group, health checks and listeners. A small change in the port number of the WebAppTargetGroup will enable you to clear this specification quickly.

## Auto-Scaling

Students should be using PRIV-NET ( private subnets ) for their auto-scaling instances

Perfect! the instances are in the private subnets.

The machine should have 10 GB or more of disk and should be a t3.small or better.

Great effort from your part to use the right instance with 10GB disk space.

There shouldn't be a 'keyname' property in the launch config


Awesome! keyname is not used in the final launch configuration.

As a best practice, "keyname" property is not to be used in launch configuration. During the development of the code to access the instances, keynames could be used but has to be removed afterwards and replaced with instance profile.

## Bonus

Any values in the output section are a bonus

Perfect! Output field is correctly configured with the DNS name.

Any resource of type AWS:EC2::Instance, optional, but nice to have.

Not applicable as the student has not used this resource type.

 RESUBMIT

 DOWNLOAD PROJECT

3 CODE REVIEW COMMENTS

