# Lab Three: Security Report of Functionality

In this lab the Operations Team is going to deploy a load balanced architecture serving the “Explore California” web site. Your task for this lab is to develop the security policies that you feel this architecture should live up to and then develop a test that you can run against the “Release Candidates” to determine if they meet those policies. Please don’t forget that “availability” is a security issue. In lab 2 you created a Siege and monitoring architecture. In that lab you tested your architecture to support an expected load of 100 concurrent connections. That was with a single server. Now that we have a load balanced architecture with at least three servers you should be able to support a much bigger load. I will leave it up to you to figure out your new expected load. In Lab 2 you had to determine how your architecture would fail. Do you think this architecture will fail differently? Be sure to include this test of availability in the security testing you develop.

## Security Policies to be followed:

*Insert your list here*

## Deliverables:

Reports turned in should contain parts of the following components

* Enough of a description of the system or script that a new user understands its purpose
* Explanation of complicated or non-intuitive portions of code or process
* Basic usage and operation
* Which user to interact with the system or script as
* Where the script or system runs and what it touches or needs access to
* Known issues
* Future plans or features

Be concise and effective.

# Security Report:

|  |  |
| --- | --- |
| Group Number: |  |
| Group Members: |  |
|  |  |
| Security Team Members: |  |
| Version/Lab Number: |  |
| Date: |  |

Fill in the table below with a short description that answers the question.

## Project Description:

|  |  |
| --- | --- |
| What are the security policies of your group that must be met for this lab? |  |
| What workload do you feel your application should be able to satisfy? |  |
|  |  |
| Success/Definition of successful completion |  |

In your answers be sure to include both a textual description and screen shots showing your systems responding.