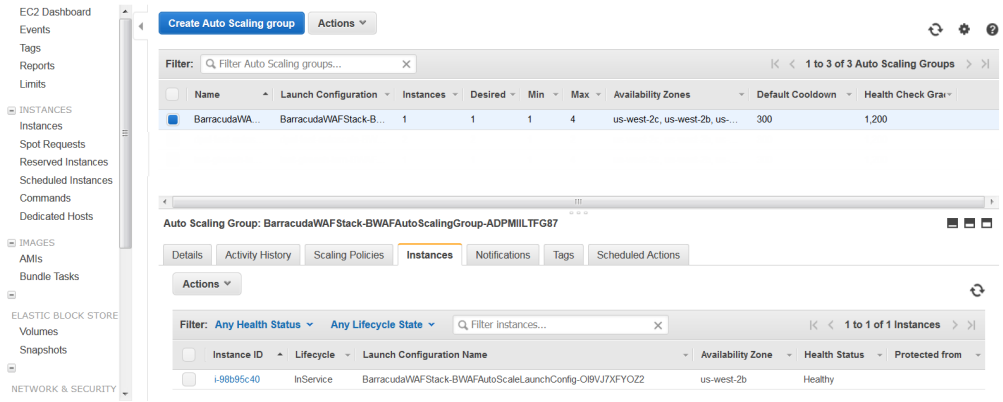
Verify the Instance in the Auto Scaling Group

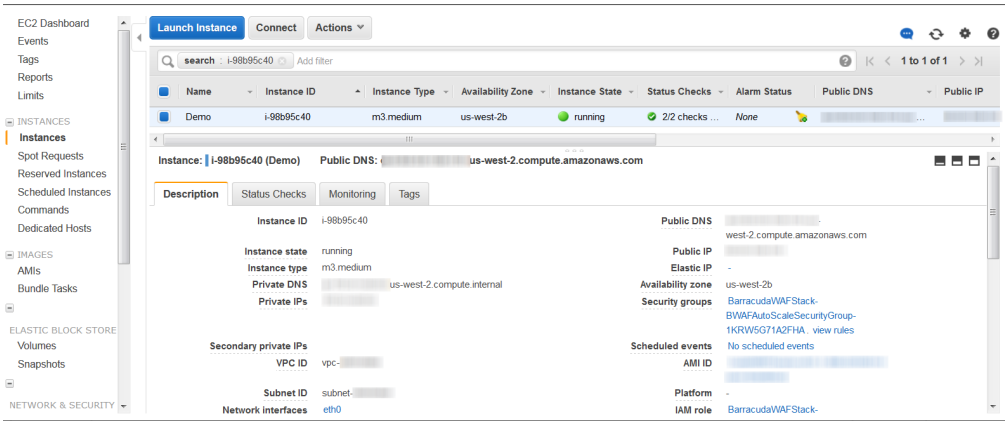
https://campus.barracuda.com/doc/46897291/

After the CloudFormation template completes its operation and the stack is created, the **CREATE_COMPLETE** message is displayed in “Status”. With this, the Barracuda CloudGen WAF instances will be deployed in the specified VPC and boot up with the default configuration. To verify the instance(s) created for auto scaling, perform the following steps:

1. Log into the Amazon EC2 Management Console.
2. From the **EC2 Dashboard**, select **Auto Scaling Groups** under **AUTO SCALING**.
3. Select the auto scaling group you created from the **Auto Scaling Group** list. This will display the details of the auto scaling group.
4. Select **Instances** under Auto Scaling Group sub-tabs.



5. Click on an **Instance ID** and note it down. The instance details are displayed in the **Instances** page. **Note**: Ensure you note down the **Public IP** or **Public DNS** address.

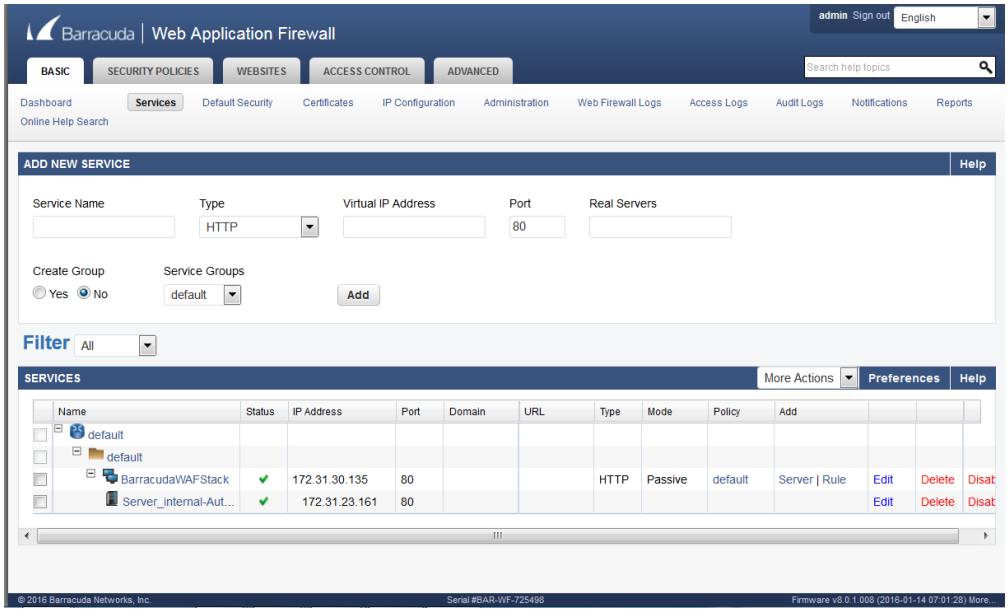


6. Open a web browser and enter the **Public IP** or **Public DNS** address noted in step **5** followed by port 8000 (Example: http://40.41.42.43:8000 or http://ec2-40-41-42-43.us-west-2.compute.amazonaws.com:8000).

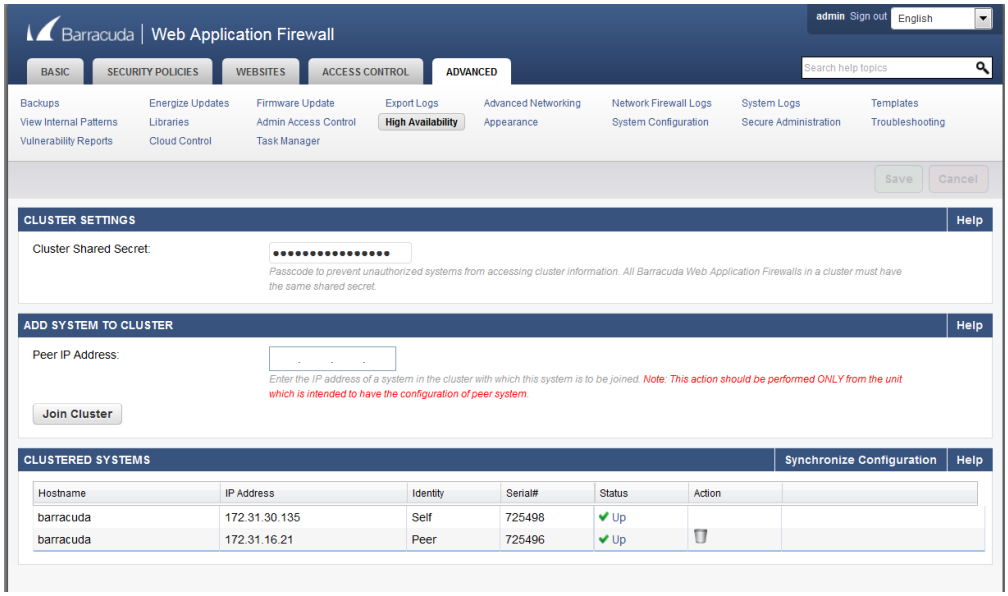
   Sometimes you might see the Barracuda loading page when accessing the web interface for the first time. This is because the Barracuda Web Application Firewall will be booting up with your configuration and takes a few minutes before presenting the login page.

7. Log into the Barracuda CloudGen WAF web interface using your login credentials:
   Username - *admin*
   Password – *<Instance ID of the Barracuda CloudGen WAF noted in step **5**>*
8. On the Barracuda Web Application Firewall web interface:
   1. Go to the **BASIC > Services** page and check if the service is created with the values you specified when creating the stack.

      If you had specified the Fully Qualified Domain Name (FQDN) of a downstream ELB, the service will display multiple servers associated with it. Each of these servers will have an IP address that was returned by resolving the FQDN. The Barracuda CloudGen WAF will automatically resolve the FQDN at specific intervals and update the IP addresses in case of changes. The intervals are equal to the Time To Live (TTL) value returned during DNS resolution.



   2. Go to the **ADVANCED > High Availability** page and check the cluster status. Ensure the cluster page displays all the instances deployed in this auto scaling group.



9. Repeat the steps **5** to **8** for all other instances in this auto scaling group. **Note**: In an auto scaling group, each instance has a unique **Public DNS** (which includes Public IP address in it), and is associated with same security group. When a new instance is added to the auto scaling group, you can use the **Public DNS** or **Public IP** address of that instance to access it. Refer to step **6** to know how to access the instance using the **Public DNS** or **Public IP** address.
10. Log into the Amazon Management Console and select **S3** under **Storage and Content Delivery**.
11. In the **S3 Management Console**:
    1. An S3 bucket is automatically created with the stack name as part of the unique identifier. **Example**: “barracudawafstackone-s3bucket-1pcf5nbtp8uh5”. You can verify that the bucket includes the data of the deployed Barracuda Web Application Firewall Instances.

Figures

1. Auto Scaling Group.png
2. Instance.png
3. Services.png
4. Cluster.png