AWS hosting:

1. First we create an instance Amazon ec2 Linux instance, which is of free tier,
2. We create the name pairs, key pair and download it,
3. We then create the security group and add roles and ssh and http to it.
4. We then create the instance with the desired elastic public Ip
5. We then try to connect the ip address with the ssh
6. We use the key pair generator for it(.pem file)
7. We can use the scp command to transfer the files from local to the instance
8. We can also use FTPS like File Zilla, Winscp by using the key pair
9. We can use the putty to convert into ppk from pem.
10. Once the files get transferred, to html folder, then the index.html will get automatically picked,

**CloudWatch:**

**We use the cloud watch to monitor the instances ec2**

Amazon EC2 sends metric data to CloudWatch in 5-minute periods. To send metric data for your instance to CloudWatch in 1-minute periods, you can enable detailed monitoring on the instance. For more information. You can optionally enable detailed monitoring. After you enable detailed monitoring, the Amazon EC2 console displays monitoring graphs with a 1-minute period for the instance. The following table describes basic and detailed monitoring for instance.

**To enable detailed monitoring for an existing instance using the console**

1. Open the Amazon EC2 console at <https://console.aws.amazon.com/ec2/>.
2. In the navigation pane, choose **Instances**.
3. Select the instance, choose **Actions**, **CloudWatch Monitoring**, **Enable Detailed Monitoring**.
4. In the **Enable Detailed Monitoring** dialog box, choose **Yes, Enable**.
5. Choose **Close**.

**To enable detailed monitoring when launching an instance using the console**

When launching an instance using the AWS Management Console, select the **Monitoring** check box on the **Configure Instance Details** page.

**To enable detailed monitoring for an existing instance using the AWS CLI**

Use the following [monitor-instances](http://docs.aws.amazon.com/cli/latest/reference/ec2/monitor-instances.html) command to enable detailed monitoring for the specified instances.

**Copy**

**aws ec2 monitor-instances --instance-ids *i-1234567890abcdef0***

**To enable detailed monitoring when launching an instance using the AWS CLI**

Use the [run-instances](http://docs.aws.amazon.com/cli/latest/reference/ec2/run-instances.html) command with the --monitoring flag to enable detailed monitoring.

**Copy**

**aws ec2 run-instances --image-id *ami-09092360* --monitoring Enabled=true**...