**Assignment – 7**

**Problem Statement:**

**Hosting a Website on EC2.**

1. Create 3 Static Webpages using HTML.
2. Click on the “EC2” button.

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1. Click on the “Launch Instance” button.

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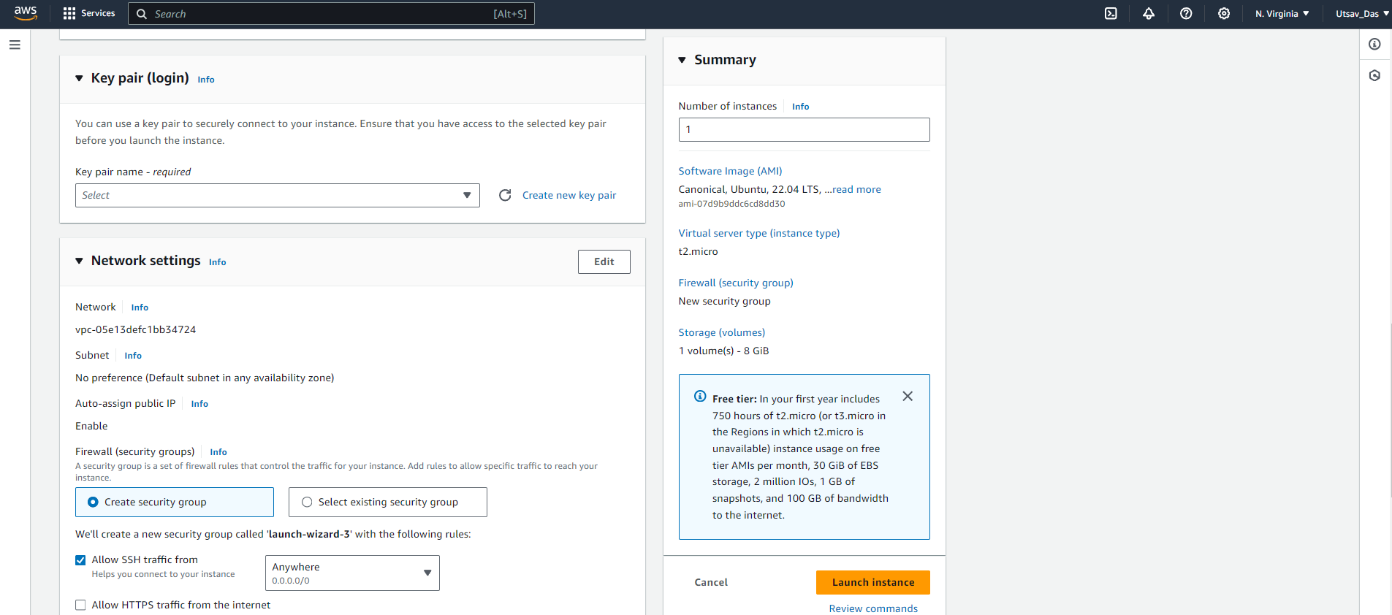
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1. Give a name to the instance & select “Ubuntu”.

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1. Create a new one by clicking on “Create New Key Pair” button



1. Give a name to the key pair. Then click “Create Key Pair”.

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1. Select all the Security options. Then click on “Launch Instance”.

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1. The new instance is thus created successfully. A screenshot of a computer

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2. To Enter the Instance click on its ID. Copy the “Public IPv4 Address” of the instance.

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1. Paste IP address under Host. Then go to the “Client Key Manager” option.

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1. Click on the “Import” button & select the key & click “Import”.

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1. The new key is successfully added. Click “Import”.

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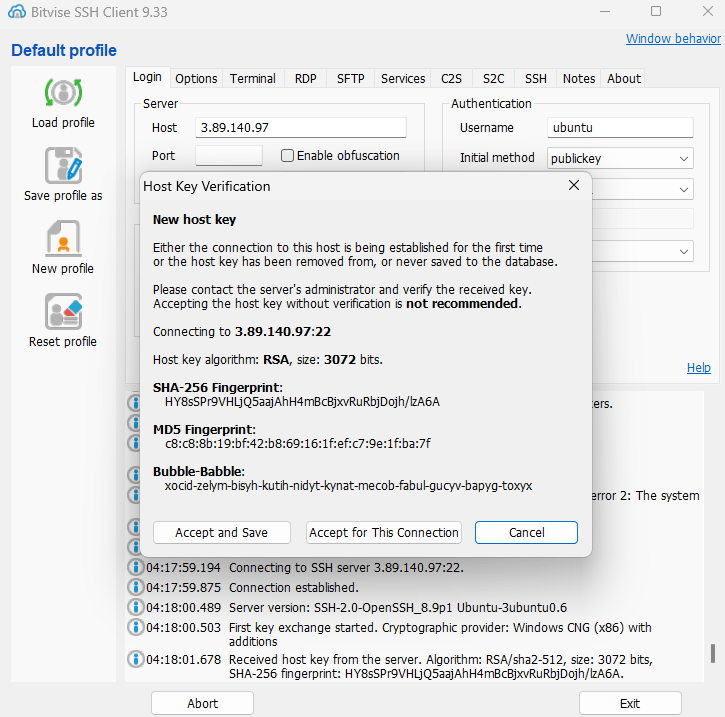
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1. Give the username as “ubuntu, select “Public Key” & ” select “Global1”. Then click the “Log in” button.

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1. Click on the “Accept & Save” button.



1. Now the client is connected.

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1. Click on the “New SFTP Window” button.

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1. Under Local Files open the folder where the HTML files are present.

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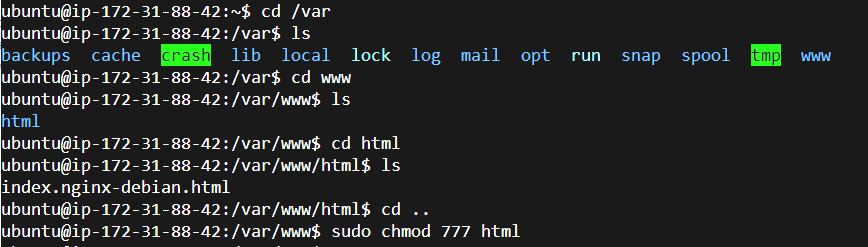
1. Go to the terminal and type the following commands.

“ sudo apt-get update “ , ” sudo apt-get upgrade “ , “ sudo apt-get install nginx ”

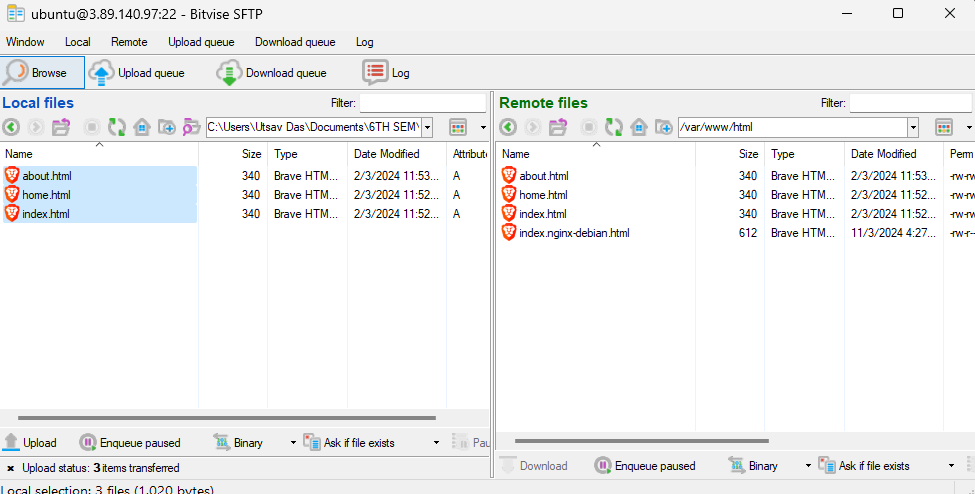


1. Go to the ‘/var/www’ folder and type the command

“sudo chmod 777 html” and press “Enter”.



1. Now going back to the “SFTP Window” under the “Remote Files” open the HTML directory and drag & drop the HTML files.

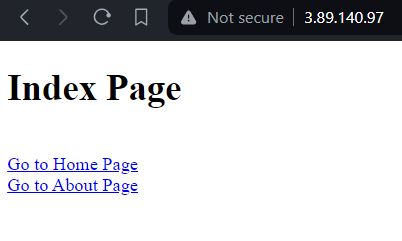


1. Now go back to the “AWS Window” and click on the “Open Address” button beside the IP address.

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1. A new window will open with the webpage.

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