**Create a web page « HELLO »**

1. Connect to your **AWS console**
2. Services 🡪 **EC2**
3. Click on **Launch Instance**
4. Select **Amazon Linux 2 AMI (HVM), SSD Volume Type**
5. Select **t2.micro** (or another one depending on your needs)
6. Click on **Next: Configure Instance Details**
7. In **network** : you can leave **default VPC** or select one you created before
8. In **auto-assign Public IP** : click **enable**
9. Click on **Next: Add Storage**
10. Leave the default settings (you can change the size or add new volume if you need it)
11. Click on **Next: Add Tags**
12. Leave the default settings (or add a tag if you need it)
13. Click on **Next: Configure Security Groups**
14. Create a new security group: for the name & description, enter: **Hello\_tutorial**
15. SSH row, in the source column change custom to **Anywhere**
16. Then, click on **Add Rule:** Type: **HTTP** / Port Range: **80** / Source: **Anywhere**
17. If you want, you can add a description for both rules
18. Click on **Review and Launch** & then on **Launch**
19. Choose an **existing key pair** or **create a new one**
20. **Tick the box** & click on **Launch Instances**
21. At the bottom of the page click on **View Instances**
22. Wait the instance state indicates **running** & status checks: **2/2 checks passed**
23. Then, connect to your instance using **Putty**:
    1. Session 🡪 Host Name field 🡪 ec2-user@<instance\_public\_ip>
    2. Connection 🡪 SSH 🡪 Auth 🡪 Browse your ppk key associated with the instance
    3. Click on Open 🡪 Putty security alert: click on Yes
24. When Putty is connected to you instance, install an Apache Web Server with PHP:
    1. To **connect to your EC2 instance** and **install the Apache web server with PHP**:
       1. sudo yum update -y
       2. sudo yum install -y httpd php
       3. sudo service httpd start
       4. sudo chkconfig httpd on
    2. To **set file permissions for the Apache web server:**
       1. sudo groupadd www
       2. sudo usermod -a -G www ec2-user
       3. exit
       4. *Reconnect to your instance using Putty*
       5. groups
       6. sudo chown -R root:www /var/www
       7. sudo chmod 2775 /var/www
       8. find /var/www -type d -exec sudo chmod 2775 {} +
       9. find /var/www -type f -exec sudo chmod 0664 {} +
    3. **Create** **your** **Web** **page:**
       1. cd /var/www/html
       2. >HelloPage.php
       3. nano HelloPage.php

<hmtl>

<title>

"HELLO"

</title>

<body>

<?php echo("HELLO :)"); ?>

</body>

</html>

CTRL + x 🡪 Y 🡪 ENTER

**Browse** 🡪 http://<public\_instance\_ip>/HelloPage.php