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## Assignment 1: Launch Ubuntu instance and install nginx

The screenshot shows the AWS Management Console interface. The top navigation bar includes the AWS logo, Services, Resource Groups, and user information (Anant Gadekar, Ohio). The left sidebar shows the EC2 Dashboard with options like Events, Tags, Limits, and Instances. The main content area displays a list of EC2 instances. The 'Ubuntu-nginx' instance is selected, and its details are shown below the table. The instance is in a 'running' state, located in the 'us-east-2a' Availability Zone, and has a public IPv4 address of '3.15.186.138'.

## Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to [nginx.org](https://nginx.org).  
Commercial support is available at [nginx.com](https://nginx.com).

*Thank you for using nginx.*

The screenshot shows a MobaXterm terminal window with an SSH session to the 'ubuntu@3.15.186.138' instance. The terminal output shows the Ubuntu 18.04.5 LTS welcome message, system information (System load: 0.0, Processes: 92, Users logged in: 0, Memory usage: 18%, Swap usage: 0%), and a message indicating that 0 packages can be updated. The user is prompted to press Ctrl+C to continue.

## Assignment 1: Launch Windows instance and install IIS

The screenshot displays the AWS Management Console interface. At the top, the navigation bar shows the AWS logo, 'Services', 'Resource Groups', and a user profile for 'Anant Gadekar' in the 'Ohio' region. The left-hand navigation pane includes sections for 'New EC2 Experience', 'EC2 Dashboard', 'Events', 'Tags', 'Limits', 'Instances', 'Images', and 'Capacity Reservations'. The 'Instances' section is expanded, showing a table of running instances.

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
Ubuntu-nginx	i-00282f950eb5c8932	t2.micro	us-east-2a	running	2/2 checks ...	None	ec2-3-15-186-138 us-e...
WindowsIIS	i-03bc7269836890b61	t2.micro	us-east-2c	running	2/2 checks ...	None	ec2-52-15-92-110 us-e...

Below the table, a detailed view of the 'WindowsIIS' instance is shown, including its state (running), type (t2.micro), finding (Opt-in to AWS Compute Optimizer), private DNS (ip-172-31-38-36 us-east-2.compute.internal), availability zone (us-east-2c), and public IP (52.15.92.110).

The bottom half of the image shows a remote desktop connection to the Windows instance. The desktop background is the Windows Server 'Internet Information Services' (IIS) welcome screen, which displays 'Welcome' in multiple languages. A Windows PowerShell window is open in the background, showing the command to install the Web-Server role:

```
EC2 Feedback PS C:\Users\Administrator> Install-WindowsFeature -name Web-Server -IncludeManagementTools
```

The output of the command is as follows:

Success	Restart	Needed	Exit Code	Feature Result
True	No		Success	{Common HTTP Features, Default Document, D...

The PowerShell window also shows the prompt 'PS C:\Users\Administrator>'.

On the right side of the remote desktop, a system information window is visible, displaying the following details:

- Hostname: EC2AMAZ-MCC06BE
- Instance ID: i-03bc7269836890b61
- Public IP Address: 52.15.92.110
- Private IP Address: 172.31.38.36
- Instance Size: t2.micro
- Availability Zone: us-east-2c
- Architecture: AMD64
- Total Memory: 1 GB
- Network Performance: Low to Mod