

Creating a elastic load balancer for two Linux servers.

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DNS : [vemulaebl-1462591395.us-east-2.elb.amazonaws.com](https://vemulaebl-1462591395.us-east-2.elb.amazonaws.com)

Step 1:

Create a Linux virtual machine -1 and configure that server in mobaxterms.

The screenshot displays the AWS Management Console interface. On the left, the navigation menu includes 'New EC2 Experience', 'EC2 Dashboard', 'Events', 'Tags', 'Limits', 'Instances', 'Instance Types', 'Launch Templates', 'Spot Requests', 'Savings Plans', 'Reserved Instances', 'Dedicated Hosts', 'Capacity Reservations', 'Images', and 'AMIs'. The main panel shows a list of EC2 instances with columns for Name, Instance ID, Instance Type, Availability Zone, Instance State, Status Checks, Alarm Status, and Public DNS (IPv4). Two instances are listed: 'mylinux1' (ID: i-04c4e6dfe66d19828) and 'mylinux2' (ID: i-0c6ce104380a17e08), both in the 'us-east-2b' availability zone and 'running' state. Below the list, the details for 'mylinux1' are shown, including its Public DNS (IPv4) address: ec2-3-136-86-13.us-east-2.compute.amazonaws.com. At the bottom, a terminal window titled 'Instances | EC2 Management Console' shows the login screen for 'mylinux1' with fields for Username, Password, and a 'Login' button.

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
mylinux1	i-04c4e6dfe66d19828	t2.micro	us-east-2b	running	2/2 checks ...	None	ec2-3-136-86-13.us-east-2.compute.amazonaws.com
mylinux2	i-0c6ce104380a17e08	t2.micro	us-east-2b	running	2/2 checks ...	None	ec2-18-188-52-171.us-east-2.compute.amazonaws.com

Instance: i-04c4e6dfe66d19828 (mylinux1) Public DNS: ec2-3-136-86-13.us-east-2.compute.amazonaws.com

Description Status Checks Monitoring Tags

Instance ID: i-04c4e6dfe66d19828 Public DNS (IPv4): ec2-3-136-86-13.us-east-2.compute.amazonaws.com

Instance state: running IPv4 Public IP: 3.136.86.13

Instance type: t2.micro IPv6 IPs: -

Instances | EC2 Management Console 3.136.86.13 18.188.52.171

Avatar  
Userid: Enter Username Password: Enter Password Login Remember me  
Cancel Forgot password?

Step 2 Create another Linux instance and configure it in mobaxterms

The screenshot displays the AWS Management Console interface, similar to the previous one. The navigation menu is on the left. The main panel shows the same list of EC2 instances. Below the list, the details for 'mylinux2' are shown, including its Public DNS (IPv4) address: ec2-18-188-52-171.us-east-2.compute.amazonaws.com. At the bottom, a terminal window titled 'Instances | EC2 Management Console' shows the login screen for 'mylinux2' with fields for Username, Password, and a 'Login' button.

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)
mylinux1	i-04c4e6dfe66d19828	t2.micro	us-east-2b	running	2/2 checks ...	None	ec2-3-136-86-13.us-east-2.compute.amazonaws.com
mylinux2	i-0c6ce104380a17e08	t2.micro	us-east-2b	running	2/2 checks ...	None	ec2-18-188-52-171.us-east-2.compute.amazonaws.com

Instance: i-0c6ce104380a17e08 (mylinux2) Public DNS: ec2-18-188-52-171.us-east-2.compute.amazonaws.com

Description Status Checks Monitoring Tags

Instance ID: i-0c6ce104380a17e08 Public DNS (IPv4): ec2-18-188-52-171.us-east-2.compute.amazonaws.com

Instance state: running IPv4 Public IP: 18.188.52.171

Instance type: t2.micro IPv6 IPs: -

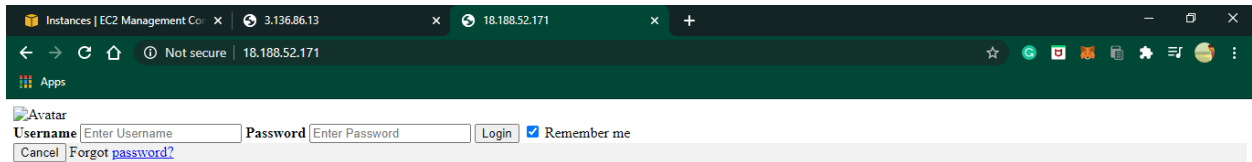
Instances | EC2 Management Console 3.136.86.13 18.188.52.171

Avatar  
Userid: Enter Username Password: Enter Password Login Remember me  
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Step 3: Create a elastic load balancer for our two linux web servers

