



AWS
re:Invent

NET 206

Getting started with Traffic Mirroring

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Agenda

Getting started

How does Traffic Mirroring work?

Set up your first session

Set up another session

Set up a partner solution

Let's get started...

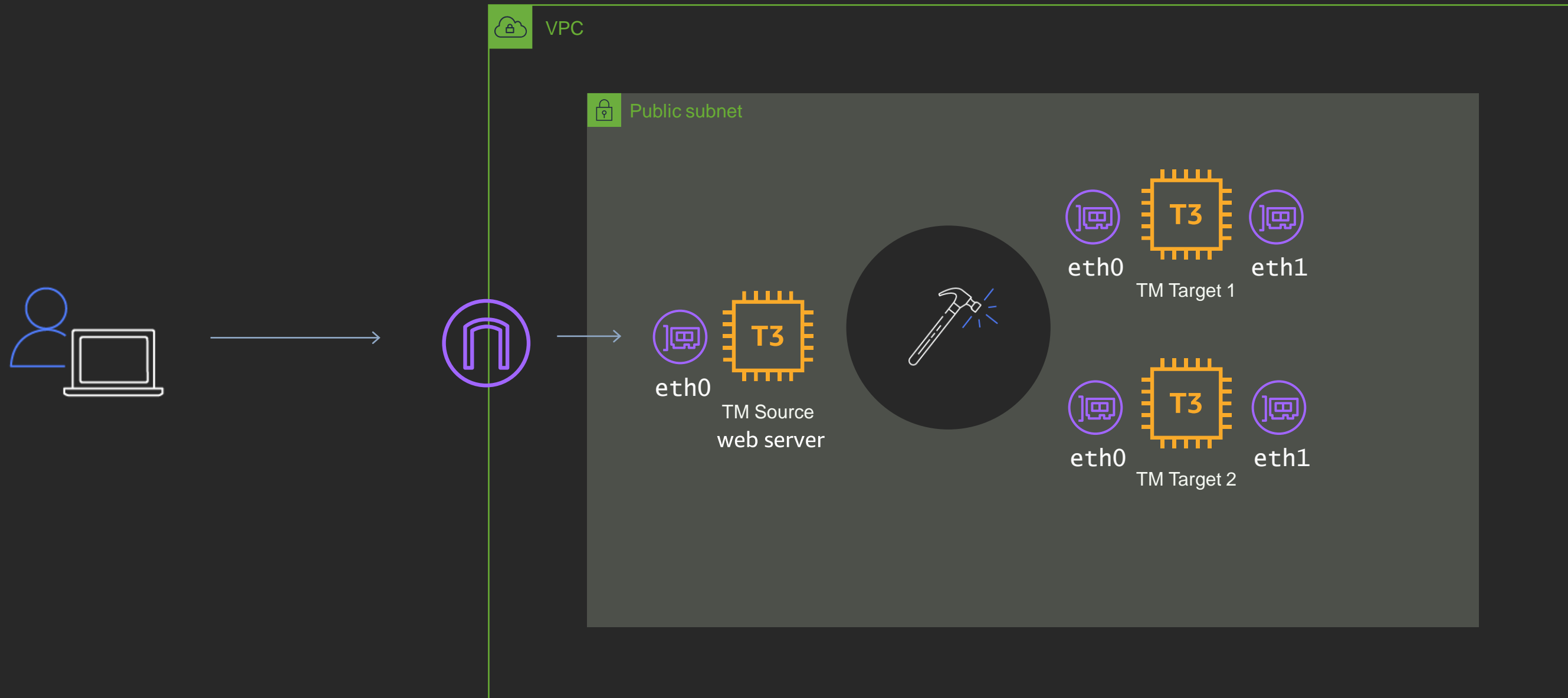
Intro
10 min

- ✓ Use your personal AWS Account
- ✓ Request a voucher for credits
- ✓ Deploy in us-west-2
- ✓ Create a SSH key pair
- ✓ Launch the AWS CloudFormation stack

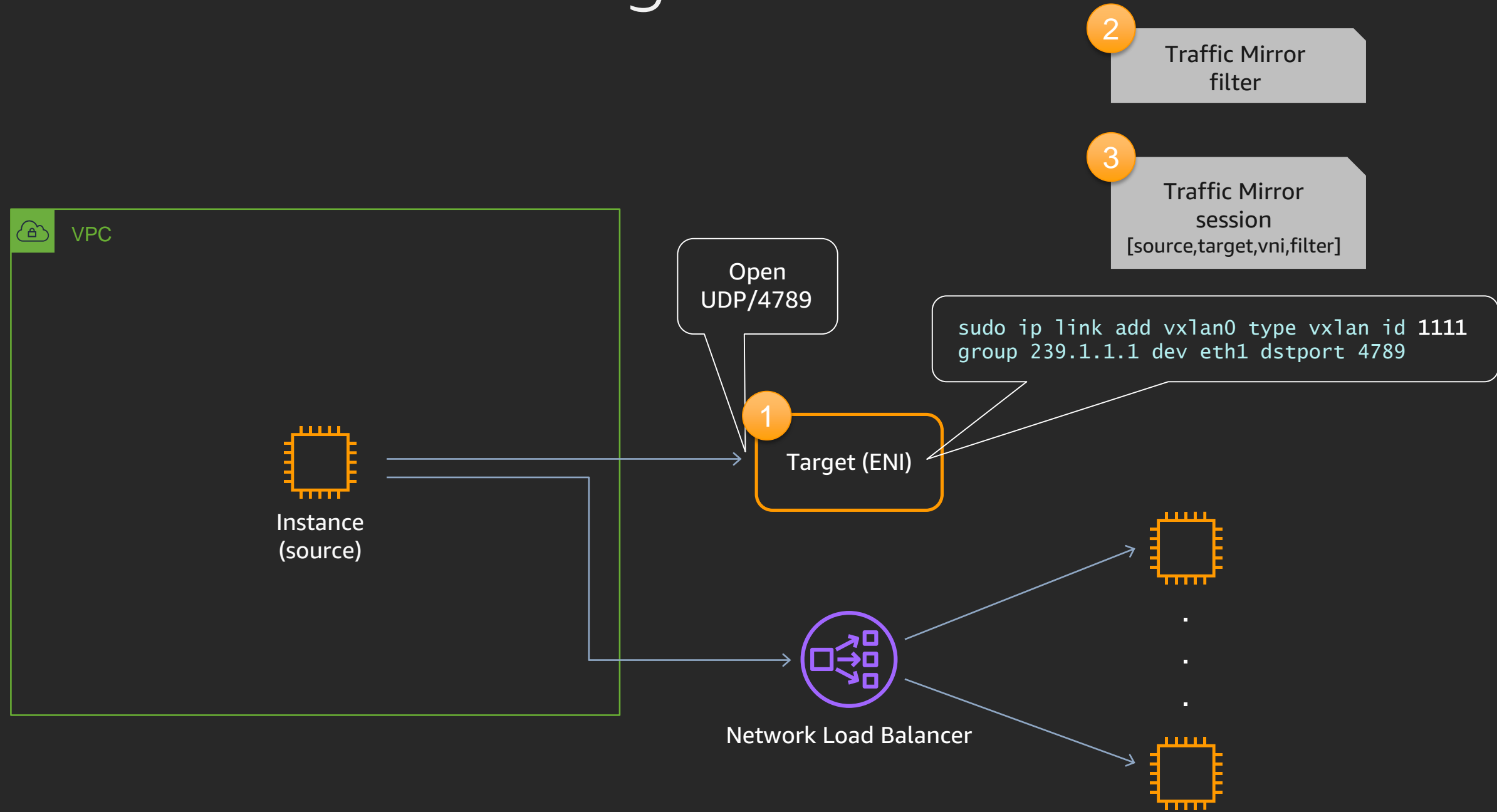


<https://bit.ly/AWS-NET206>

Behind the scenes



How does Traffic Mirroring work?



Lab 1: Set up your first session

Lab 1
10 min

- ✓ Configure **TM Target 1 eth1** as target
- ✓ Create filter that only allows **ICMP** packets
- ✓ Create session with **TM Source, TM Target 1, TM Filter ICMP, VNI -1111-**
- ✓ Start tcpdump on TM Target 1 using **sudo tcpdump -i eth1**
- ✓ Start ping from your machine to the public IP of TM Source
- ✓ Decapsulate VNI using **sudo ip link add vxlan0 type vxlan id 1111 group 239.1.1.1 dev eth1 dstport 4789**

Lab 2: Set up another session

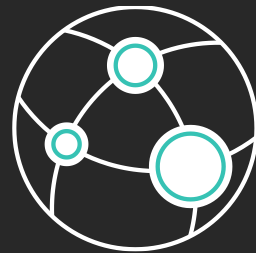
Lab 2
10 min

- ✓ Configure **TM Target 2 eth1** as target
- ✓ Create filter that only allows **HTTP** packets
- ✓ Create session with **TM Source, TM Target 2, TM Filter ICMP, VNI -1111-**
- ✓ Start tcpdump on TM Target 2 using **sudo tcpdump -i eth1**
- ✓ Browse to **http://<Public IP of TM Source>**
- ✓ Decapsulate VNI using **sudo ip link add vxlan0 type vxlan id 1111 group 239.1.1.1 dev eth1 dstport 4789**

Demo

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Thank you!

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