**Setting Up Dynatrace Managed on AWS EC2**

**Step 1: Pre-Setup Checklist**

* AWS Account with Free Tier or trial credits
* At least 2 EC2 instances (for demo scale-up and testing)
* Security Group with ports:
  + 443 (HTTPS - Web UI),
  + 2021, 2022, 8020, 9999 (Dynatrace internal ports),
  + 22 (SSH)

**Step 2: Launch EC2 Instances**

* Go to AWS → EC2 → Launch Instance
* **Image:** Ubuntu 22.04 LTS
* **Instance Type:** t2.medium (Free Tier not available, use credits if possible)
* **Storage:** 20–40 GB
* Add Security Group rules as listed above
* Launch at least 1 node as the primary node

**Step 3: SSH into the Instance**

ssh -i <your-key.pem> ubuntu@<your-ec2-ip>

**Step 4: Download Dynatrace Managed Installer**

wget https://downloads.dynatrace.com/files/installer/managed/latest/Dynatrace-Managed-Linux-x86.sh

chmod +x Dynatrace-Managed-Linux-x86.sh

**Step 5: Install Dynatrace Managed**

sudo ./Dynatrace-Managed-Linux-x86.sh

Follow the CLI-based prompts:

* Accept License
* Choose installation directory
* Use default settings (single-node deployment)

**Step 6: Access Dynatrace Web UI**

* In browser:  
  https://<ec2-ip-address>  
  Accept self-signed certificate  
  Set admin credentials and confirm

**Step 7: Install OneAgent on Second EC2 Node**

1. From Dynatrace Managed UI → Deploy Dynatrace → Linux
2. Copy the installation command
3. SSH into the second EC2 node:

wget https://<your-managed-url>/installer/agent/unix/latest.sh

sudo /bin/sh latest.sh

1. Host should appear in **Hosts** section

**Step 8: Verify Full Functionality**

* Hosts listed in Smartscape
* OneAgent working correctly (live data)
* CPU/Memory metrics visible
* Navigate to:
  + Smartscape
  + Transactions and services
  + Process monitoring
  + Dashboard and alerts