

Testing - Part 1

Connect to the first instance *instance-10-1-4-first* you created in vpc-10-1 using Systems Manager:

- Go to AWS Systems Manager in the AWS console
- On the left hand menu click Fleet Manager
- Select the instance-10-1-4-first instance, click Instance Actions, Start Session

The screenshot shows the AWS Systems Manager Fleet Manager console. At the top, there's a navigation bar with 'AWS Systems Manager' and 'Fleet Manager'. Below that, the 'Fleet Manager' header is visible with an 'Info' link. There are two tabs: 'Managed nodes' (active) and 'Settings'. A notification banner at the top states: 'You may have unmanaged Amazon EC2 instances. You can automatically configure Amazon EC2 instances as managed instances in your current account and Region by enabling Default Host Management Configuration. [Learn more](#)'. Below the notification, the 'Managed nodes' section shows a table with columns: Node ID, Node state, Node name, Platform t..., Operating Sys..., Source type, and Source ID. There are two nodes listed. The first node, 'instance-10-1-4-first', is highlighted with a green box. To the right of the table, there's a 'Node actions' dropdown menu with options: Details, View details, Connect, Start terminal session (highlighted with a green box), Connect with Remote Desktop, Admin tools, and Execute run command. The 'Account management' dropdown is also visible.

Node ID	Node state	Node name	Platform t...	Operating Sys...	Source type	Source ID
i-023523815c4fdc97c	Running	instance-10-1-4-first	Linux	Amazon Linux	EC2 instance	-
i-08c76cac114be3ad6	Running	aws-cloud9-eks-terra...	Linux	Amazon Linux AMI	EC2 instance	-

While connected to the instance...

- Can you reach the internet? - `ping aws.amazon.com`
- What is your private ip address? - `ip address`
- What is your public ip address? - `curl ipinfo.io/json` or `curl ifconfig.io`
- What route are in this instance? - `ip route`
- What services or IPs are connected to this instance? `sudo netstat -pant`

Proceed to the next step



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 - ▼ 3. Creating a Second VPC - with one character !
 - Second VPC - with one Character !
 - ▼ Optional - Automatic generation of Terraform
 - Terraform automation
 - ▼ 4. Cleanup
 - Cleanup
- ▶ 5. Creating a private EKS Cluster with Terraform
- ▶ 6. Extra Activities (Optional)
- ▶ 7. Using Fargate (Optional)
- ▶ Conclusion

Terraform Workshop

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