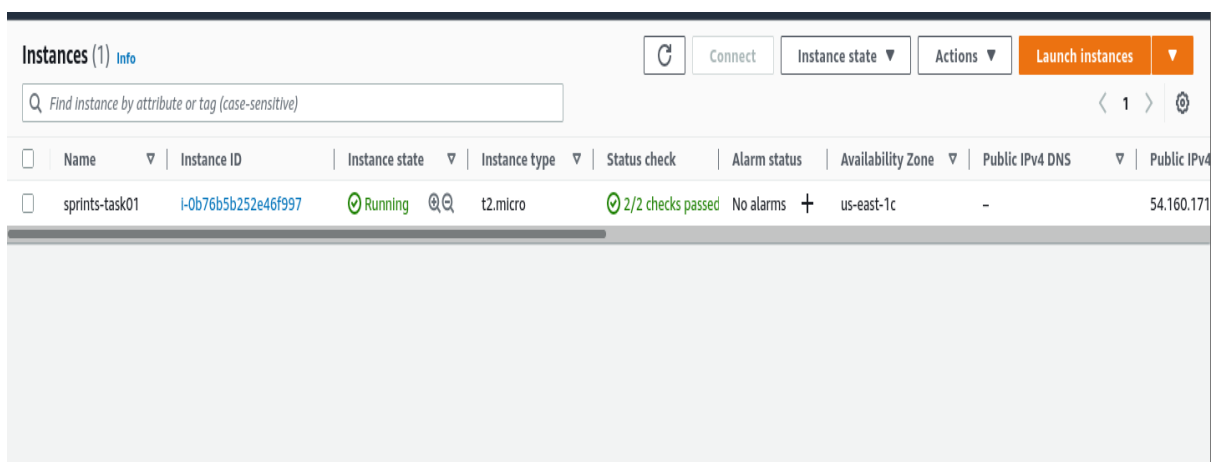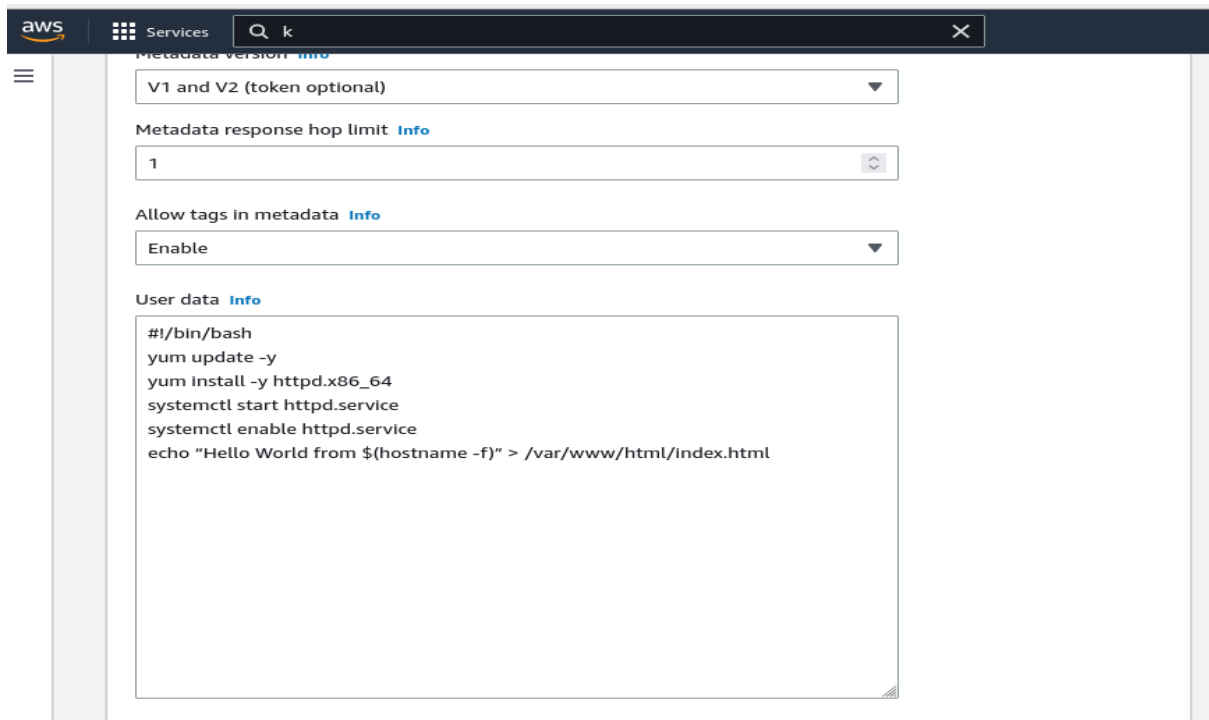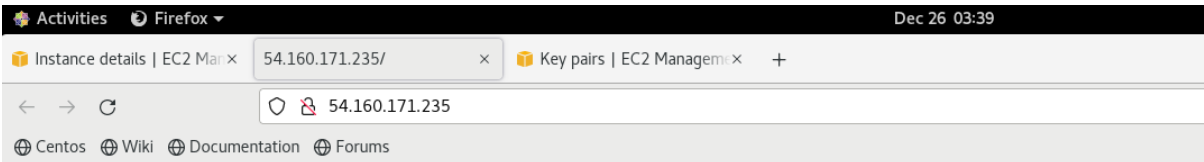# LAB 02 - AWS

Task 01:

(Without ssh) Required:

Screenshot from the public Ip and private Ip of the instance and a screenshot from the logs of the instance to demonstrate the Apache is installed

System log

Review system log for instance i-0b76b5b252e46f997 as of Mon Dec 26 2022 03:36:41 GMT+0200 (Eastern European Standard Time)

```
[   29.879009] cloud-init[3237]: Transaction test succeeded
[   29.884842] cloud-init[3237]: Running transaction
[   30.940935] cloud-init[3237]: Installing : apr-1.7.0-9.amzn2.x86_64                        1/9
[   30.978891] cloud-init[3237]: Installing : apr-util-bdb-1.6.1-5.amzn2.0.2.x86_64            2/9
[   31.024866] cloud-init[3237]: Installing : apr-util-1.6.1-5.amzn2.0.2.x86_64                3/9
[   31.095644] cloud-init[3237]: Installing : httpd-tools-2.4.54-1.amzn2.x86_64               4/9
[   31.125051] cloud-init[3237]: Installing : httpd-filesystem-2.4.54-1.amzn2.noarch          5/9
[   31.164398] cloud-init[3237]: Installing : generic-logos-httpd-18.0.0-4.amzn2.noarch       6/9
[   31.211195] cloud-init[3237]: Installing : mailcap-2.1.41-2.amzn2.noarch                   7/9
[   31.488872] cloud-init[3237]: Installing : mod_http2-1.15.19-1.amzn2.0.1.x86_64            8/9
[   31.671340] cloud-init[3237]: Installing : httpd-2.4.54-1.amzn2.x86_64                     9/9
[   31.696255] cloud-init[3237]: Verifying  : apr-util-1.6.1-5.amzn2.0.2.x86_64               1/9
[   31.717135] cloud-init[3237]: Verifying  : apr-util-bdb-1.6.1-5.amzn2.0.2.x86_64           2/9
[   31.738450] cloud-init[3237]: Verifying  : httpd-tools-2.4.54-1.amzn2.x86_64              3/9
[   31.750269] cloud-init[3237]: Verifying  : mod_http2-1.15.19-1.amzn2.0.1.x86_64           4/9
[   31.765593] cloud-init[3237]: Verifying  : httpd-2.4.54-1.amzn2.x86_64                    5/9
[   31.784769] cloud-init[3237]: Verifying  : mailcap-2.1.41-2.amzn2.noarch                  6/9
[   31.807828] cloud-init[3237]: Verifying  : generic-logos-httpd-18.0.0-4.amzn2.noarch      7/9
[   31.824842] cloud-init[3237]: Verifying  : httpd-filesystem-2.4.54-1.amzn2.noarch         8/9
[   31.949451] cloud-init[3237]: Verifying  : apr-1.7.0-9.amzn2.x86_64                       9/9
```

Activities   Firefox ▾   Dec 26 03:39

Instance details | EC2 Mar × | 54.160.171.235/   × | Key pairs | EC2 Managem ×   +

← → C   ○ 🔒 54.160.171.235

⊕ Centos   ⊕ Wiki   ⊕ Documentation   ⊕ Forums

"Hello World from ip-10-0-0-159.ec2.internal"

Task 02:

Screenshot from the instance page demonstrate that the instance is private and a screenshot from the logs of the instance demonstrate the apache2 Is installed (you don't need to do the public ec2 so I made a mark on it)

Instance summary for i-0070bffe5d40fb3e1 (sprints-task2) Info

Updated less than a minute ago

[C] [Connect] [Instance state ▼] [Actions ▼]

Instance ID	Public IPv4 address	Private IPv4 addresses
⧉ i-0070bffe5d40fb3e1 (sprints-task2)	–	⧉ 10.0.1.176
IPv6 address	Instance state	Public IPv4 DNS
–	⊘ Running	–
Hostname type	Private IP DNS name (IPv4 only)	
IP name: Ip-10-0-1-176.ec2.internal	⧉ Ip-10-0-1-176.ec2.internal	
Answer private resource DNS name	Instance type	Elastic IP addresses
IPv4 (A)	t2.micro	–
Auto-assigned IP address	VPC ID	AWS Compute Optimizer finding
–	⧉ vpc-0df618dc1a684a5e4 (sprints-task2) ⧉	ⓘ Opt-in to AWS Compute Optimizer for recommendations. | Learn more ⧉
IAM Role	Subnet ID	Auto Scaling Group name
–	⧉ subnet-0b92285fc8133c78c (private-subnet) ⧉	–

Details | Security | Networking | Storage | Status checks | Monitoring | Tags

▼ Instance details Info

Platform	AMI ID	Monitoring
⧉ Amazon Linux (Inferred)	⧉ ami-0b5eea76982371e91	disabled

System log

Review system log for instance i-0070bffe5d40fb3e1 as of Mon Dec 26 2022 11:48:08 GMT+0200 (Eastern European Standard Time)

[C] [⧉ Copy log] [⬇ Download]

```
[   25.089590] cloud-init[3239]: Transaction test succeeded
[   25.095136] cloud-init[3239]: Running transaction
[   25.639548] cloud-init[3239]: Installing : apr-1.7.0-9.amzn2.x86_64                     1/9
[   25.681511] cloud-init[3239]: Installing : apr-util-bdb-1.6.1-5.amzn2.0.2.x86_64        2/9
[   25.726053] cloud-init[3239]: Installing : apr-util-1.6.1-5.amzn2.0.2.x86_64            3/9
[   25.789389] cloud-init[3239]: Installing : httpd-tools-2.4.54-1.amzn2.x86_64            4/9
[   25.817032] cloud-init[3239]: Installing : httpd-filesystem-2.4.54-1.amzn2.noarch       5/9
[   25.851067] cloud-init[3239]: Installing : generic-logos-httpd-18.0.0-4.amzn2.noarch    6/9
[   25.895799] cloud-init[3239]: Installing : mailcap-2.1.41-2.amzn2.noarch                7/9
[   26.149799] cloud-init[3239]: Installing : mod_http2-1.15.19-1.amzn2.0.1.x86_64         8/9
[   26.333879] cloud-init[3239]: Installing : httpd-2.4.54-1.amzn2.x86_64                  9/9
[   26.366712] cloud-init[3239]: Verifying  : apr-util-1.6.1-5.amzn2.0.2.x86_64            1/9
[   26.398447] cloud-init[3239]: Verifying  : apr-util-bdb-1.6.1-5.amzn2.0.2.x86_64        2/9
[   26.410633] cloud-init[3239]: Verifying  : httpd-tools-2.4.54-1.amzn2.x86_64            3/9
[   26.421339] cloud-init[3239]: Verifying  : mod_http2-1.15.19-1.amzn2.0.1.x86_64         4/9
[   26.431662] cloud-init[3239]: Verifying  : httpd-2.4.54-1.amzn2.x86_64                  5/9
[   26.446528] cloud-init[3239]: Verifying  : mailcap-2.1.41-2.amzn2.noarch                6/9
[   26.463876] cloud-init[3239]: Verifying  : generic-logos-httpd-18.0.0-4.amzn2.noarch    7/9
[   26.478777] cloud-init[3239]: Verifying  : httpd-filesystem-2.4.54-1.amzn2.noarch       8/9
[   26.601884] cloud-init[3239]: Verifying  : apr-1.7.0-9.amzn2.x86_64                     9/9
```