

## Private instance user data

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User data [Info](#)

```
#!/bin/bash
yum update -y
yum install -y httpd
systemctl start httpd
systemctl enable httpd
echo "<h1>Hello World from $(hostname -f)</h1>" > /var/www/html/index.html
```

## Private instance system logs after initiating

### System log

Review system log for instance i-0cdc66d762daf13b as of Sun Jan 08 2023 19:33:01 GMT+0200 (Eastern European Standard Time)



Copy log

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```
[ 32.718942] cloud-init[3246]: Installing : mailcap-2.1.41-2.amzn2.noarch 7/9
[ 32.966829] cloud-init[3246]: Installing : mod_http2-1.15.19-1.amzn2.0.1.x86_64 8/9
[ 33.131190] cloud-init[3246]: Installing : httpd-2.4.54-1.amzn2.x86_64 9/9
[ 33.159252] cloud-init[3246]: Verifying : apr-util-1.6.1-5.amzn2.0.2.x86_64 1/9
[ 33.184585] cloud-init[3246]: Verifying : apr-util-bdb-1.6.1-5.amzn2.0.2.x86_64 2/9
[ 33.207233] cloud-init[3246]: Verifying : httpd-tools-2.4.54-1.amzn2.x86_64 3/9
[ 33.217652] cloud-init[3246]: Verifying : mod_http2-1.15.19-1.amzn2.0.1.x86_64 4/9
[ 33.229494] cloud-init[3246]: Verifying : httpd-2.4.54-1.amzn2.x86_64 5/9
[ 33.246221] cloud-init[3246]: Verifying : mailcap-2.1.41-2.amzn2.noarch 6/9
[ 33.263563] cloud-init[3246]: Verifying : generic-logos-httpd-18.0.0-4.amzn2.noarch 7/9
[ 33.281488] cloud-init[3246]: Verifying : httpd-filesystem-2.4.54-1.amzn2.noarch 8/9
[ 33.393693] cloud-init[3246]: Verifying : apr-1.7.0-9.amzn2.x86_64 9/9
[ 33.413851] cloud-init[3246]: Installed:
[ 33.421519] cloud-init[3246]: httpd.x86_64 0:2.4.54-1.amzn2
[ 33.433506] cloud-init[3246]: Dependency Installed:
[ 33.441490] cloud-init[3246]: apr.x86_64 0:1.7.0-9.amzn2
[ 33.453658] cloud-init[3246]: apr-util.x86_64 0:1.6.1-5.amzn2.0.2
[ 33.469841] cloud-init[3246]: apr-util-bdb.x86_64 0:1.6.1-5.amzn2.0.2
[ 33.489837] cloud-init[3246]: generic-logos-httpd.noarch 0:18.0.0-4.amzn2
[ 33.509842] cloud-init[3246]: httpd.filesystem.noarch 0:2.4.54-1.amzn2
```

## accessing s3 bucket from private instance using jump host

```
[ec2-user@ip-10-0-0-29 ~]$ ssh -i sprints_keyPair.pem ec2-user@10.0.1.71
_ | _ | _ )
_ | ( _ /   Amazon Linux 2 AMI
_ | \ _ | _ |

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-10-0-1-71 ~]$ aws s3 ls
2023-01-08 17:58:02 sprints0bucket0demo
[ec2-user@ip-10-0-1-71 ~]$
```

i-00660a9de7473202c (jump host)

PublicIPs: 3.219.234.94 PrivateIPs: 10.0.0.29

Private Instance

Name

Instance ID

Instance state

private instanc...

i-0cdc666d762daf13b

Running

Instance: i-0cdc666d762daf13b (private instance(s3))

▼ Instance summary Info

Instance ID

i-0cdc666d762daf13b (private instance(s3))

Private IPv4 addresses

10.0.1.71

Instance state

Running

Hostname type

IP name: ip-10-0-1-71.ec2.internal

Public IPv4 address

–

IPv6 address

–

Public IPv4 DNS

–

Private IP DNS name (IPv4 only)

ip-10-0-1-71.ec2.internal

Answer private resource DNS

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