

Lab 7 : Managing Resources

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IFT 562: Cloud Security & Operations for IT

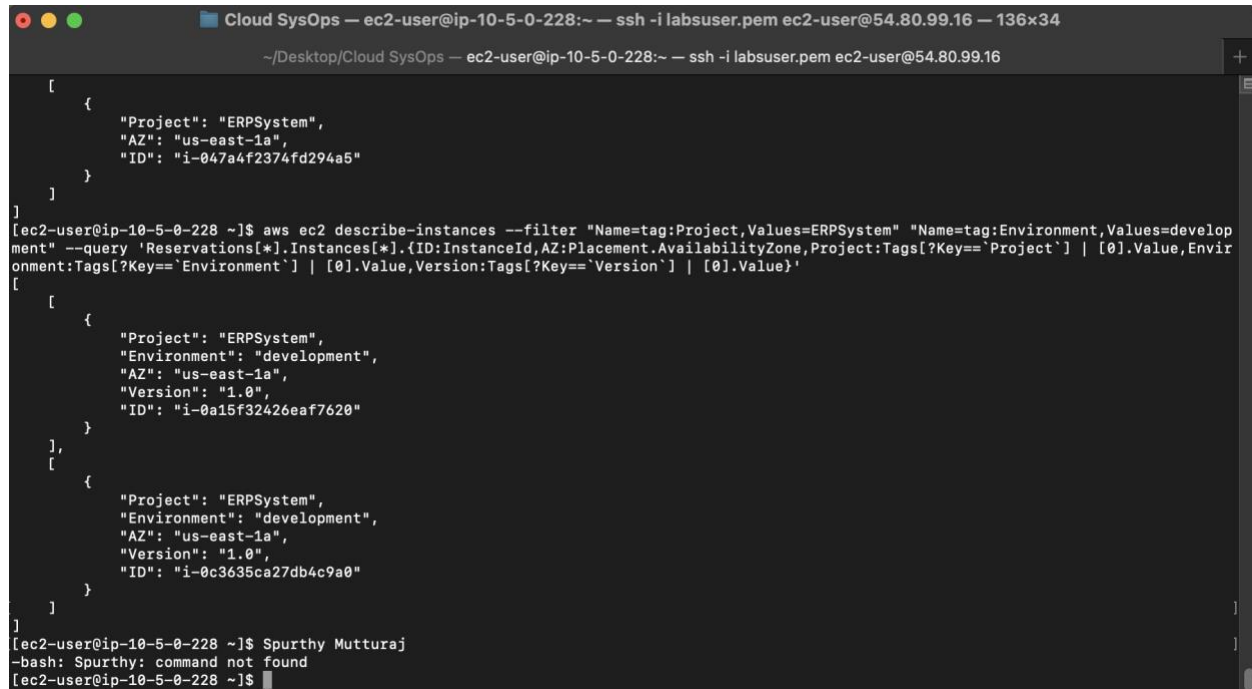
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Figure 1

A screenshot showing the development instances.



```
Cloud SysOps — ec2-user@ip-10-5-0-228:~ — ssh -i labsuser.pem ec2-user@54.80.99.16 — 136x34
~/Desktop/Cloud SysOps — ec2-user@ip-10-5-0-228:~ — ssh -i labsuser.pem ec2-user@54.80.99.16

[
  {
    "Project": "ERPSysSystem",
    "AZ": "us-east-1a",
    "ID": "i-047a4f2374fd294a5"
  }
]
[ec2-user@ip-10-5-0-228 ~]$ aws ec2 describe-instances --filter "Name=tag:Project,Values=ERPSysSystem" "Name=tag:Environment,Values=development" --query 'Reservations[*].Instances[*].{ID:InstanceId,AZ:Placement.AvailabilityZone,Project:Tags[?Key==`Project`] | [0].Value,Environment:Tags[?Key==`Environment`] | [0].Value,Version:Tags[?Key==`Version`] | [0].Value}'
[
  [
    {
      "Project": "ERPSysSystem",
      "Environment": "development",
      "AZ": "us-east-1a",
      "Version": "1.0",
      "ID": "i-0a15f32426eaf7620"
    }
  ],
  [
    {
      "Project": "ERPSysSystem",
      "Environment": "development",
      "AZ": "us-east-1a",
      "Version": "1.0",
      "ID": "i-0c3635ca27db4c9a0"
    }
  ]
]
[ec2-user@ip-10-5-0-228 ~]$ Spurthy Mutturaj
-bash: Spurthy: command not found
[ec2-user@ip-10-5-0-228 ~]$
```

Figure 2

Screenshot of running the stopinator script.

```

~/Desktop/Cloud SysOps — ec2-user@ip-10-5-0-228:~/aws-tools — ssh -i labsuser.pem ec2-user@54.80.99.16

No instances to stop in Array.
Region is us-west-1
PHP Notice: Array to string conversion in /home/ec2-user/aws-tools/stopinator.php on line 128

No instances to stop in Array.
Region is us-west-2
PHP Notice: Array to string conversion in /home/ec2-user/aws-tools/stopinator.php on line 128
[ec2-user@ip-10-5-0-228 aws-tools]$
[ec2-user@ip-10-5-0-228 aws-tools]$
[ec2-user@ip-10-5-0-228 aws-tools]$
[ec2-user@ip-10-5-0-228 aws-tools]$
[ec2-user@ip-10-5-0-228 aws-tools]$
[ec2-user@ip-10-5-0-228 aws-tools]$
[ec2-user@ip-10-5-0-228 aws-tools]$
[ec2-user@ip-10-5-0-228 aws-tools]$ ./stopinator.php -t"Project=ERPSystem;Environment=development" -s
Region is ap-south-1
PHP Notice: Array to string conversion in /home/ec2-user/aws-tools/stopinator.php on line 118

No instances to start in Array
Region is eu-north-1
PHP Notice: Array to string conversion in /home/ec2-user/aws-tools/stopinator.php on line 118
{
No instances to start in Array
Region is eu-west-3
PHP Notice: Array to string conversion in /home/ec2-user/aws-tools/stopinator.php on line 118
{
No instances to start in Array
Region is eu-west-2
PHP Notice: Array to string conversion in /home/ec2-user/aws-tools/stopinator.php on line 118

No instances to start in Array
Region is eu-west-1
PHP Notice: Array to string conversion in /home/ec2-user/aws-tools/stopinator.php on line 118

No instances to start in Array
Region is ap-northeast-3
PHP Notice: Array to string conversion in /home/ec2-user/aws-tools/stopinator.php on line 118

No instances to start in Array
Region is ap-northeast-2
PHP Notice: Array to string conversion in /home/ec2-user/aws-tools/stopinator.php on line 118

No instances to start in Array
Region is ap-northeast-1
PHP Notice: Array to string conversion in /home/ec2-user/aws-tools/stopinator.php on line 118

No instances to start in Array
Region is ca-central-1
PHP Notice: Array to string conversion in /home/ec2-user/aws-tools/stopinator.php on line 118

No instances to start in Array
Region is sa-east-1
PHP Notice: Array to string conversion in /home/ec2-user/aws-tools/stopinator.php on line 118

No instances to start in Array
Region is ap-southeast-1
PHP Notice: Array to string conversion in /home/ec2-user/aws-tools/stopinator.php on line 118

No instances to start in Array
Region is ap-southeast-2
PHP Notice: Array to string conversion in /home/ec2-user/aws-tools/stopinator.php on line 118

No instances to start in Array
Region is eu-central-1
PHP Notice: Array to string conversion in /home/ec2-user/aws-tools/stopinator.php on line 118

No instances to start in Array
Region is us-east-1
Identified instance i-ba1f92a2a6aef7028
Identified instance i-8c3d36ca27db4c9a8
PHP Notice: Array to string conversion in /home/ec2-user/aws-tools/stopinator.php on line 105

Starting identified instances in Array...
Region is us-east-2
PHP Notice: Array to string conversion in /home/ec2-user/aws-tools/stopinator.php on line 118

No instances to start in Array
Region is us-west-1
PHP Notice: Array to string conversion in /home/ec2-user/aws-tools/stopinator.php on line 118

No instances to start in Array
Region is us-west-2
PHP Notice: Array to string conversion in /home/ec2-user/aws-tools/stopinator.php on line 118

No instances to start in Array
[ec2-user@ip-10-5-0-228 aws-tools]$ Spurthy Mutturaj
~bash: Spurthy: command not found

```

Figure 3

Screenshot of running the terminate-instances script.

```
No instances to start in Array
[ec2-user@ip-10-5-0-228 aws-tools]$ ./terminate-instances.php -region us-east-1 -subnetid subnet-00a9c281a6ce63880

Checking i-0a15f32426eaf7620
Checking i-085a18a0648984ece
Checking i-00b364e772a980f31
Checking i-0fc7582c045ec8eff
Checking i-0595f99db57e3d61b
Checking i-0c3635ca27db4c9a0
Checking i-047a4f2374fd294a5
Terminating instances...
Instances terminated.

[ec2-user@ip-10-5-0-228 aws-tools]$ Spurthy Mutturaj
-bash: Spurthy: command not found
[ec2-user@ip-10-5-0-228 aws-tools]$
```