

PLEASE HAVE IN MIND THAT THIS FILE WILL BE UPDATED.  
THIS IS JUST QUICK RECAP WHAT THE APP DOES AND HOW IT IS WORKING FOR  
NOW.

1. Script is running on AWS E2C micro machine.

Launch Instance

Connect

Actions

Filter by tags and attributes or search by keyword

1 to 1 of 1

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DN	IPv4 P	IPv6 IPs	Key Name	Monitoring	Launch Time	Security Groups	Owner
	i-044b02aa9c94...	t2.micro	us-east-1e	running	2/2 checks ...	None	ec2-54-1...	54.16...	-	microInstance	disabled	September 6, 20...	The New World Radio	914531

2. Security Group was modified. Inbound Rule was set up to allow connecting to SSH only using "My IP", so this prevents connection to my machine from other networks.

EC2 > Security Groups > sg-0e8be57aec06d0aa9 - The New World Radio > Edit inbound rules

### Edit inbound rules Info

Inbound rules control the incoming traffic that's allowed to reach the instance.

**Inbound rules** Info

Type Info

Protocol Info

Port range Info

Source Info

Description - optional Info

Delete

SSH

TCP

22

My IP

Add rule

NOTE: Any edits made on existing rules will result in the edited rule being deleted and a new rule created with the new details. This will cause traffic that depends on that rule to be dropped for a very brief period of time until the new rule can be created.

Cancel

Preview changes

Save rules

**Security Groups (1/1)** Info

Filter security groups

search: sg-0e8be57aec06d0aa9 X Clear filters

Actions

Create security group

<input checked="" type="checkbox"/>	Name	Security group ID	Security group name	VPC ID	Description	Owner	Inbound rules count
<input checked="" type="checkbox"/>	-	sg-0e8be57aec06d0aa9	The New World Radio	vpc-fbf6eb81	The New World Radio created 2020-09-06...		1 Permission entry

sg-0e8be57aec06d0aa9 - The New World Radio

Details

**Inbound rules**

Outbound rules

Tags

**Inbound rules**

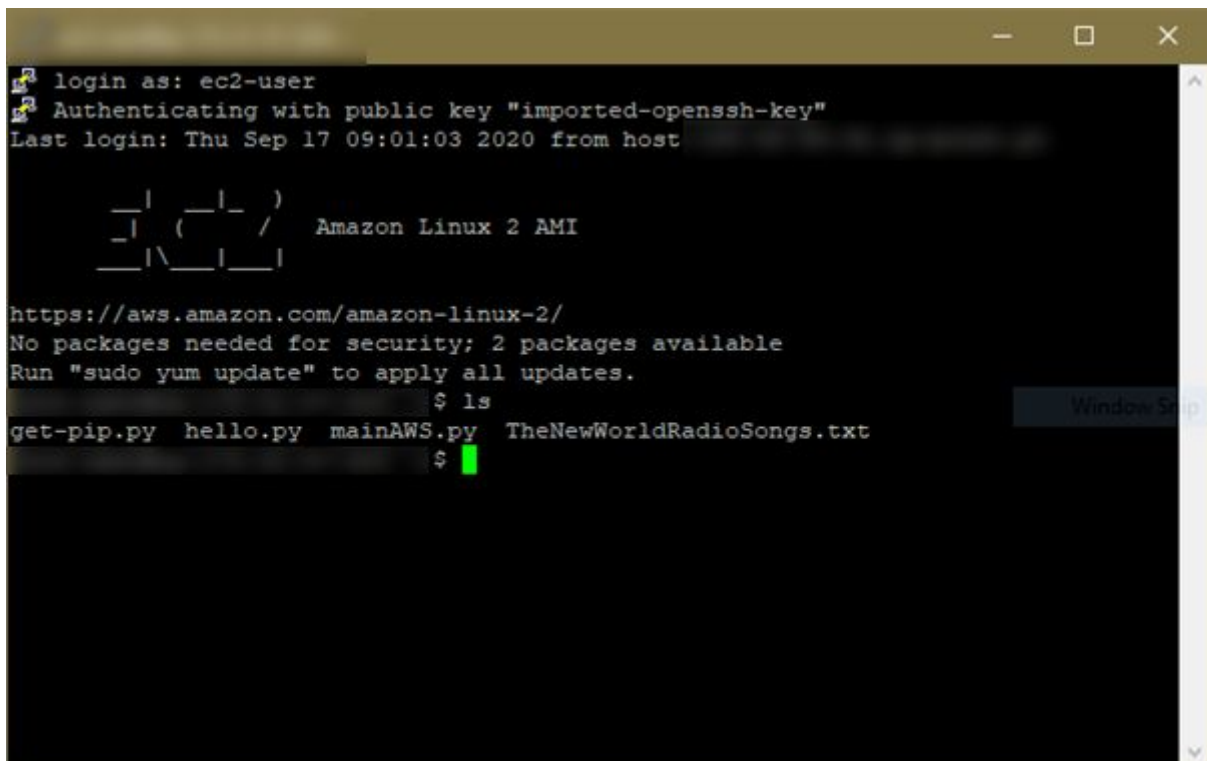
Edit inbound rules

Type	Protocol	Port range	Source	Description - optional
SSH	TCP	22		-

3. Key Pair for SSH connection is created.

Key pairs (5)			
<div><div></div><div>Filter key pairs</div></div>			
<input type="checkbox"/>	Name ▾	Fingerprint ▾	ID
<input type="checkbox"/>	microInstance		

4. Connect to SSH via Putty.



The image shows a terminal window with a dark background and light-colored text. The window title is partially visible at the top. The terminal output shows the login process for an EC2 instance. It starts with 'login as: ec2-user', followed by 'Authenticating with public key "imported-openssh-key"'. Below this, it says 'Last login: Thu Sep 17 09:01:03 2020 from host'. A ASCII art logo for Amazon Linux 2 is displayed, consisting of a stylized 'A' made of lines. To the right of the logo, it says 'Amazon Linux 2 AMI'. Below the logo, there is a URL 'https://aws.amazon.com/amazon-linux-2/'. Then, it says 'No packages needed for security; 2 packages available' and 'Run "sudo yum update" to apply all updates.'. The prompt '\$' is shown, followed by the command 'ls'. The output of the command is listed: 'get-pip.py hello.py mainAWS.py TheNewWorldRadioSongs.txt'. The prompt '\$' is shown again, followed by a green cursor.

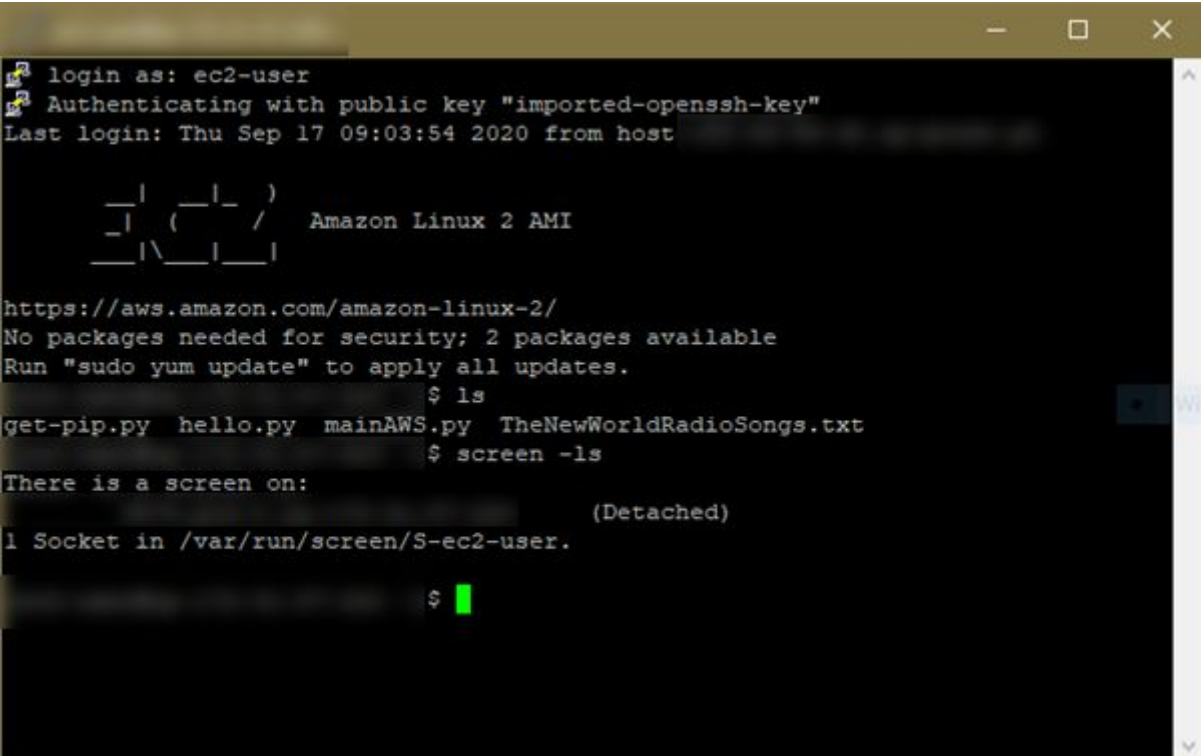
```
login as: ec2-user
Authenticating with public key "imported-openssh-key"
Last login: Thu Sep 17 09:01:03 2020 from host

  _ | _ | _ |
  _ | ( _ | _ | /
  _ | \ _ | _ |
                        Amazon Linux 2 AMI

https://aws.amazon.com/amazon-linux-2/
No packages needed for security; 2 packages available
Run "sudo yum update" to apply all updates.
$ ls
get-pip.py  hello.py  mainAWS.py  TheNewWorldRadioSongs.txt
$
```

5. See screen command.

screen -ls



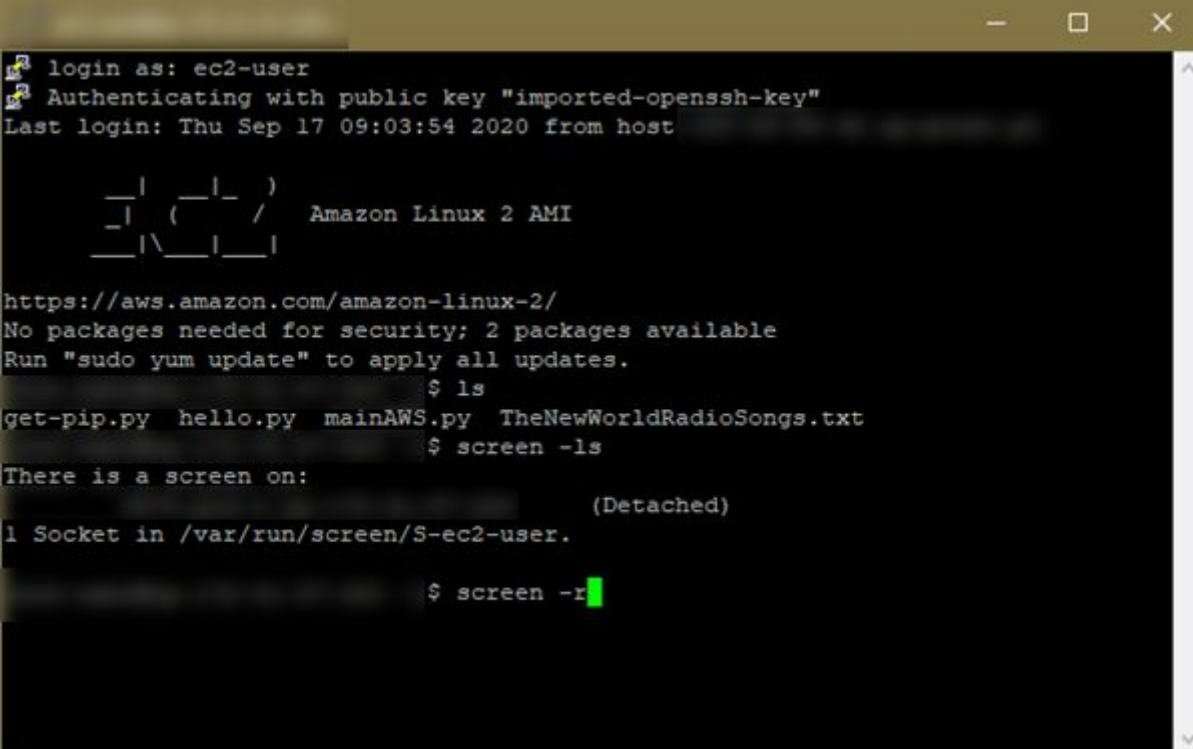
```
login as: ec2-user
Authenticating with public key "imported-openssh-key"
Last login: Thu Sep 17 09:03:54 2020 from host

  _| _|_ )
  _| ( _|_ /   Amazon Linux 2 AMI
  _|\__|__|

https://aws.amazon.com/amazon-linux-2/
No packages needed for security; 2 packages available
Run "sudo yum update" to apply all updates.
$ ls
get-pip.py  hello.py  mainAWS.py  TheNewWorldRadioSongs.txt
$ screen -ls
There is a screen on:
                                (Detached)
1 Socket in /var/run/screen/S-ec2-user.
$
```

6. Script is running and outputting results (songs).

I have only one screen, so I can get it using  
screen -r



```
login as: ec2-user
Authenticating with public key "imported-openssh-key"
Last login: Thu Sep 17 09:03:54 2020 from host

  _| _|_ )
  _| ( _|_ /   Amazon Linux 2 AMI
  __| \__|__|

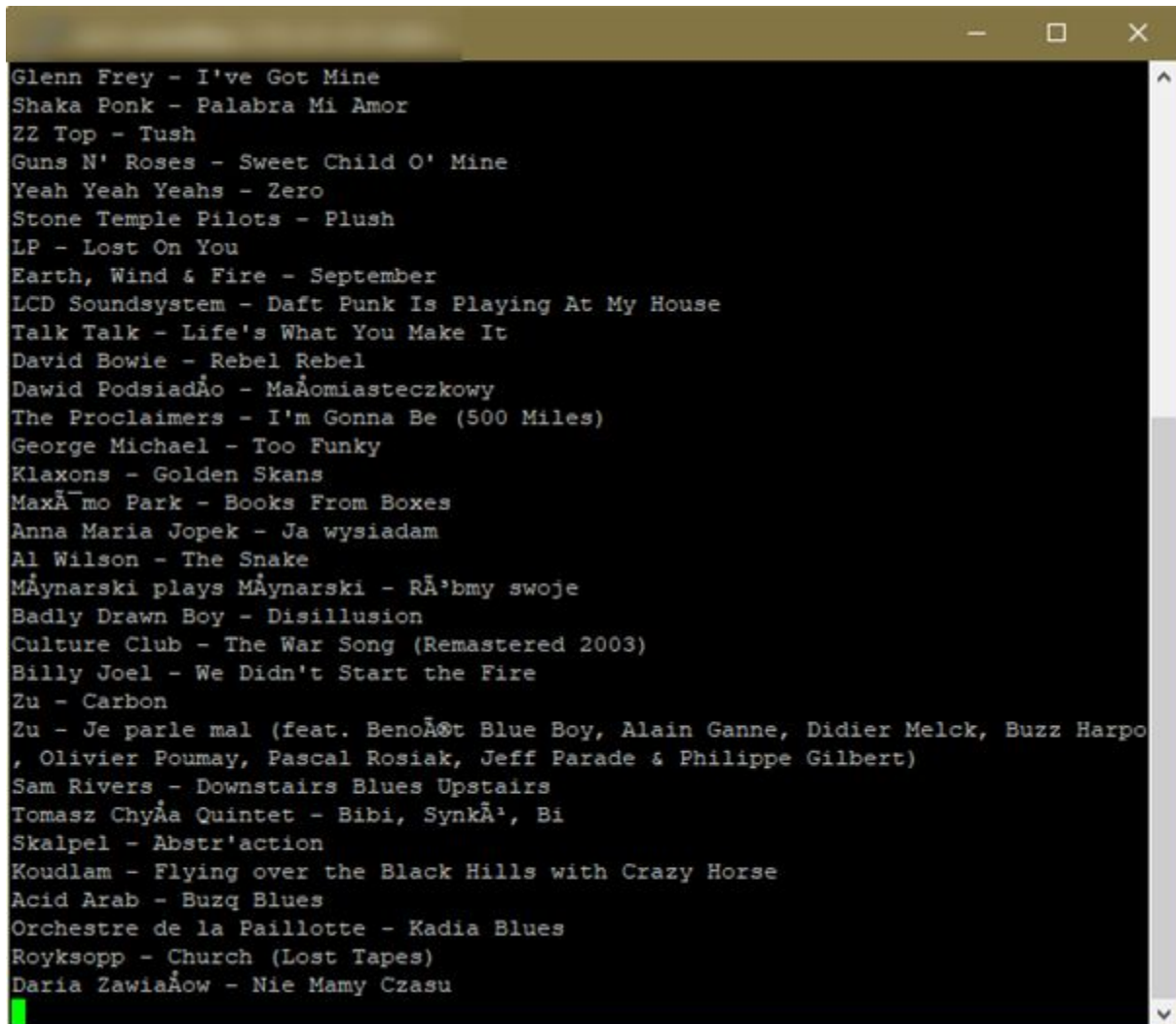
https://aws.amazon.com/amazon-linux-2/
No packages needed for security; 2 packages available
Run "sudo yum update" to apply all updates.

$ ls
get-pip.py  hello.py  mainAWS.py  TheNewWorldRadioSongs.txt

$ screen -ls
There is a screen on:
                                (Detached)
1 Socket in /var/run/screen/S-ec2-user.

$ screen -r
```

As you can see, the app prints songs to the console



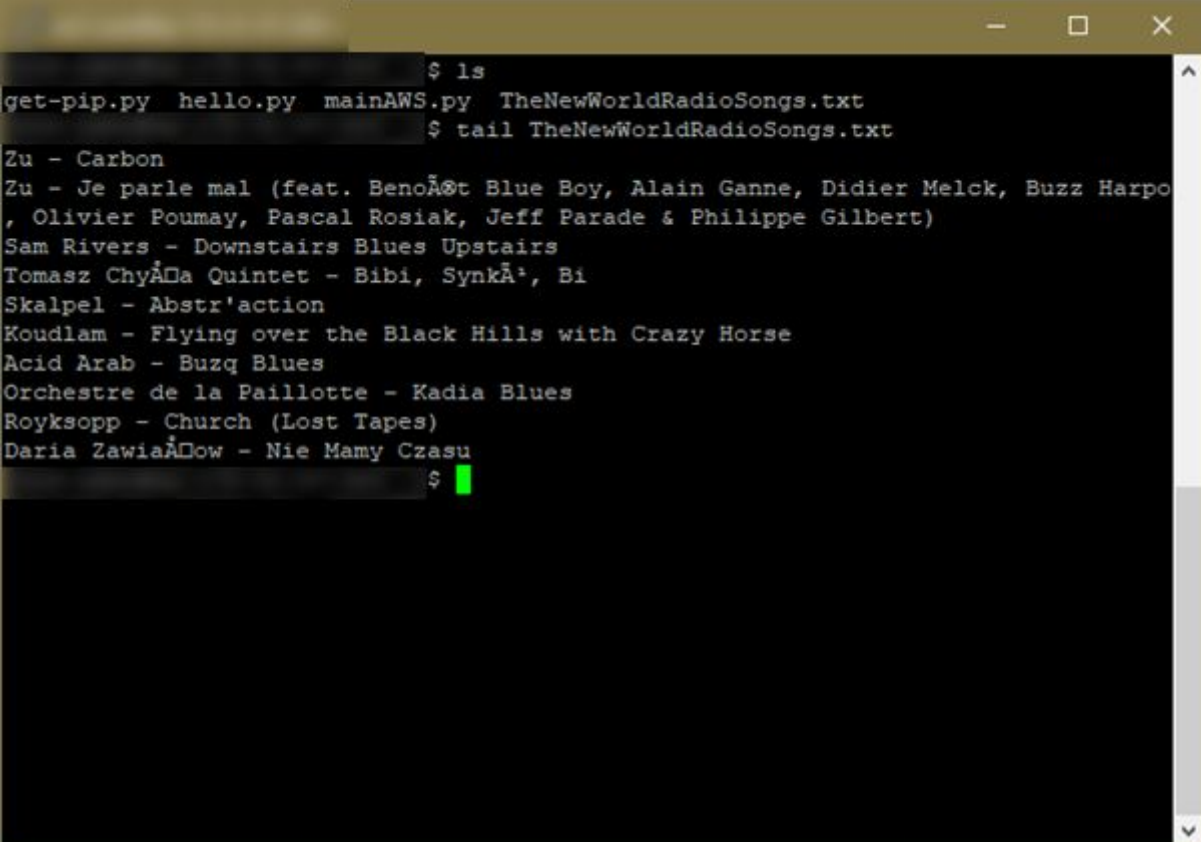
```
Glenn Frey - I've Got Mine
Shaka Ponk - Palabra Mi Amor
ZZ Top - Tush
Guns N' Roses - Sweet Child O' Mine
Yeah Yeah Yeahs - Zero
Stone Temple Pilots - Plush
LP - Lost On You
Earth, Wind & Fire - September
LCD Soundsystem - Daft Punk Is Playing At My House
Talk Talk - Life's What You Make It
David Bowie - Rebel Rebel
Dawid Podsiadłko - Małomiasteczkowy
The Proclaimers - I'm Gonna Be (500 Miles)
George Michael - Too Funky
Klaxons - Golden Skans
Maxïmo Park - Books From Boxes
Anna Maria Jopek - Ja wysiadam
Al Wilson - The Snake
Młynarski plays Młynarski - Rębnymy swoje
Badly Drawn Boy - Disillusion
Culture Club - The War Song (Remastered 2003)
Billy Joel - We Didn't Start the Fire
Zu - Carbon
Zu - Je parle mal (feat. Benoît Blue Boy, Alain Ganne, Didier Melck, Buzz Harpo
, Olivier Poumay, Pascal Rosiak, Jeff Parade & Philippe Gilbert)
Sam Rivers - Downstairs Blues Upstairs
Tomasz Chyła Quintet - Bibi, Synk', Bi
Skalpel - Abstr'aktion
Koudlam - Flying over the Black Hills with Crazy Horse
Acid Arab - Buzq Blues
Orchestre de la Paillotte - Kadia Blues
Royksopp - Church (Lost Tapes)
Daria Zawiałow - Nie Mamy Czasu
```

7. Songs are saved in a text file.

Using

`tail TheNewWorldRadioSongs.txt`

we can see the latest saved songs and compare them to those printed on screen terminal.

A terminal window with a dark background and a gold title bar. The terminal shows the output of two commands. First, the `ls` command lists several files: `get-pip.py`, `hello.py`, `mainAWS.py`, and `TheNewWorldRadioSongs.txt`. Then, the `tail TheNewWorldRadioSongs.txt` command is executed, displaying a list of songs and artists. The text is displayed in a monospaced font, and some characters appear to be garbled, likely due to encoding issues. A green cursor is visible at the end of the last line of the output.

```
$ ls
get-pip.py  hello.py  mainAWS.py  TheNewWorldRadioSongs.txt
$ tail TheNewWorldRadioSongs.txt
Zu - Carbon
Zu - Je parle mal (feat. Benoît Blue Boy, Alain Ganne, Didier Melck, Buzz Harpo
, Olivier Poumay, Pascal Rosiak, Jeff Parade & Philippe Gilbert)
Sam Rivers - Downstairs Blues Upstairs
Tomasz Chyła Quintet - Bibi, Synk, Bi
Skalpel - Abstr'ation
Koudlam - Flying over the Black Hills with Crazy Horse
Acid Arab - Buzq Blues
Orchestre de la Paillotte - Kadia Blues
Royksopp - Church (Lost Tapes)
Daria Zawiałow - Nie Mamy Czasu
$
```

As you can see there is still an issue with encoding. The issue appears already on the website, so I will need to find the workaround for that.