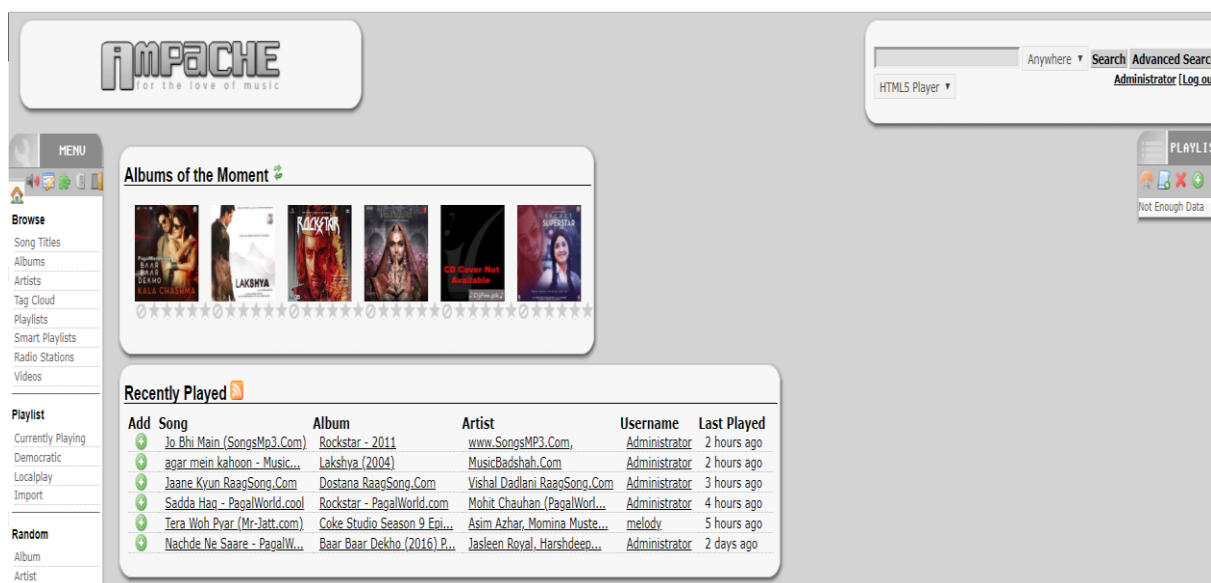


## Cloud Based media service:

### FRONTEND:





**Jo Bhi Main (SongsMp3.Com)**

by www.SongsMP3.Com,

1:57/4:35

agar mein kahoon - MusicBadshah.Com

**Jo Bhi Main (SongsMp3.Com)**

### Linux Server storage

```
ubuntu@ip-172-31-28-147:~$ ls
3.7.0.zip  Documents  Music      Public      Templates
Desktop    Downloads  Pictures   public_html Videos
ubuntu@ip-172-31-28-147:~$ cd public_html/music/
ubuntu@ip-172-31-28-147:~/public_html/music$ ls
01 - agar mein kahoon - MusicBadshah.Com.mp3
01 Kala Chashma - Baar Baar Dekho (Badshah) 320Kbps.mp3
02 - kandon se milte hein - MusicBadshah.Com.mp3
02 Kho Gaye Hum Kahan - Baar Baar Dekho 320Kbps.mp3
03 Dariya - Baar Baar Dekho (Arko) 320Kbps.mp3
03 - kitni baatein - rap - MusicBadshah.Com.mp3
03 Sau Aasmaan - Baar Baar Dekho (Armaan Malik) 320Kbps.mp3
04 - kitni baatein - MusicBadshah.Com.mp3
05 - lakshya - MusicBadshah.Com.mp3
05 Nachde Ne Saare - Baar Baar Dekho 320Kbps.mp3
06 - mein aisa kyun hoon - MusicBadshah.Com.mp3
06 Teri Khair Mangdi - Baar Baar Dekho (Bilal Saeed) 320Kbps.mp3
07 - seperation - instrumental - MusicBadshah.Com.mp3
08 - victory - instrumental - MusicBadshah.Com.mp3
```

### Python Script to add volume to current instance:

```
#!/bin/python
import os
import sys
import boto
import boto.ec2
import time
```

```
conn = boto.ec2.connect_to_region("us-west-2",aws_access_key_id = "AKIAIMIKLHT7E5BNXFPA",
aws_secret_access_key = "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")
```

```
#### Create a volume ####
```

```
# create_volume(size, zone, snapshot=None, volume_type=None, iops=None)
vol = conn.create_volume(10, "us-west-2a")
print 'Volume Id: ', vol.id
```

```
# Add a Name tag to the new volume so we can find it.
conn.create_tags([vol.id], {"Name":"bogo-volume"})

# We can check if the volume is now ready and available:
curr_vol = conn.get_all_volumes([vol.id])[0]
while curr_vol.status == 'creating':
    curr_vol = conn.get_all_volumes([vol.id])[0]
    print 'Current Volume Status: ', curr_vol.status
    time.sleep(2)
print 'Current Volume Zone: ', curr_vol.zone

#### Attach a volume ####
result = conn.attach_volume (vol.id, "i-057f04865fc477863", "/dev/sdf")
print 'Attach Volume Result: ', result
```

OUTPUT:

```
C:\Users\Pratik\Desktop>python ebs.py
Volume Id: vol-067ebb05b24151d2b
Current Volume Status: creating
Current Volume Status: available
Current Volume Zone: us-west-2a
```

Changes reflected in putty:

```
ubuntu@ip-172-31-28-147:~/public_html/music$ cd
ubuntu@ip-172-31-28-147:~$ lsblk
NAME        MAJ:MIN RM  SIZE RO TYPE MOUNTPOINT
xvda        202:0    0   20G  0 disk
└─xvda1     202:1    0   20G  0 part /
ubuntu@ip-172-31-28-147:~$ lsblk
NAME        MAJ:MIN RM  SIZE RO TYPE MOUNTPOINT
xvda        202:0    0   20G  0 disk
└─xvda1     202:1    0   20G  0 part /
xvdf        202:80   0   10G  0 disk
ubuntu@ip-172-31-28-147:~$ lsblk
```

AWS console:

Filter by tags and attributes or search by keyword									
1 to 2 of 2									
	Name	Volume ID	Size	Volume Type	IOPS	Snapshot	Created	Availability Zone	State
	bogo-volume	vol-095737df...	10 GiB	standard	-		April 2, 2018 at 5:26...	us-west-2a	in-use
		vol-0b85c9e...	20 GiB	gp2	100 / 3000	snap-08cbfa8a17622de35	March 29, 2018 at 1...	us-west-2a	in-use