

? snapshot ????

?????? Image ??

EC2 Console > Snapshots > ?????? snapshot > Create Image >

- Name: <????>
- Description: <Image ???>
- Architecture: <??????>
- Root Device Name: <??>
- Kernel ID: <??????> ?????? Use Default
- Ramdisk ID: <??????>
- Block Device Mapping: Root Volume

EC2 Console > AMIs > ??????? AMI > Launch, ?????? Instance

?????-snapshot

? EC2 API ??? Instance ??? snapshot????????????????

?????<http://tiger-fish.com/blog/automated...ing-amazon-ec2>

?????<http://code.google.com/p/ec2-delete-old-snapshots/>

??? EC2 API Script ????

PHP ?????? 5.2+

1. ?? snapshot??? API ?????????? Java ??? [EC2 API Tools](#)??????? PHP ??? [AWS SDK for PHP](#) - CreateSnapshotSample.php?
2. ????? snapshot (ec2-manage-snapshot.php)

Cron Script:

```
#!/bin/bash
```

```
DATESTAMP=`date +%Y%m%d`
```

```
TIMESTAMP=`date +%H%M`
```

```
LOGFILE="/var/log/tigerfish_ebs_backup.log"
```

```
VOLUMES=( vol-12345678 vol-23456789 vol-34567890 )
```

```
echo "TIGERFISH EBS BACKUP $DATESTAMP $TIMESTAMP" 2>&1 | tee -a $LOGFILE
```

```
echo " " 2>&1 | tee -a $LOGFILE
```

```
# Create a snapshot of each volume.
```

```
for volume in ${VOLUMES[@]}
```

```
do
```

```
  php CreateSnapshot.php -v $volume 2>&1 | tee -a $LOGFILE
```

```
done
```

```
# Remove older snapshots we don't need to keep any more.
for volume in ${VOLUMES[@]}
do
  php ec2-manage-snapshots.php -v $volume 2>&1 | tee -a $LOGFILE
done
```

CreateSnapshot.php

- ?? PHP ?? ec2-manage-snapshots.zip (????? ec2-delete-old-snapshots)????? /Amazon/EC2/Samples?
- ??? AWS_ACCESS_KEY_ID, AWS_SECRET_ACCESS_KEY ?????????????????? .config.inc.php?
- ?????? [AWS SDK for PHP?](#)
- ?? snapshot ????????(region)?????????

```
$ec2Config = array ('ServiceURL' => 'https://eu-west-1.ec2.amazonaws.com');
$service = new Amazon_EC2_Client(AWS_ACCESS_KEY_ID, AWS_SECRET_ACCESS_KEY, $ec2Config);
```

ec2-manage-snapshots.php

- ?????? [AWS SDK for PHP?](#)
- ??? AWS_ACCESS_KEY_ID, AWS_SECRET_ACCESS_KEY ??????? PHP ?????????? CreatSnapshot.php ?????? ?????????? .config.inc.php ???????