**If I lost ec2 instance key pair:-**

**This procedure is only supported for instances with EBS root volumes. If the root device is an instance store volume, you cannot use this procedure to regain access to your instance**

* Create the another temporary instance
* Note the instance id, AMI id, volume id (from storage tab), availability zone(from networking tab) of the original instance.
* On the storage root device name check the device name example :- /dev/xvda
* Stop the original instance
* Detach the volume of original instance
* Stop the temporary instance
* Attached that volume to the temporary instance while attaching the device name should be /dev/sdf
* Start the temporary instance
* Get the ssh of temporary instance
* Sudo su
* Use the **lsblk** command to determine if the volume is partitioned.
* It will show like below

[ec2-user ~]$ **lsblk**

NAME MAJ:MIN RM SIZE RO TYPE MOUNTPOINT

xvda 202:0 0 8G 0 disk

└─xvda1 202:1 0 8G 0 part /

xvdf 202:80 0 101G 0 disk

└─xvdf1 202:81 0 101G 0 part

* xvdg 202:96 0 30G 0 disk
* **in the preceding example /dev/xvda and /dev/xvdf are the partitioned volume and /dev/xvdg is not.**
* Create a temporary mount volume (**mkdir /mnt/tempvol) tempvol1 is a temporary volume.**
* **mount -o nouuid /dev/***xvdf1* **/mnt/tempvol (**here we mount the temporary instance volume to the original instance volume)
* **cp .ssh/authorized\_keys /mnt/tempvol/home/ec2-user/.ssh/authorized\_keys** (here we are coping the ssh key of temporary instance to the original instance volume.
* **umount /mnt/tempvol** (unmounts the volume)
* stop the temporary instance
* detached the volume (original volume)
* attached that volume original instance (while attaching the volume device name like (/dev/sda1 or /dev/xvda) that you have noted first.
* Start the instance with the key of temporary instance key