



LOGICLABS TECHNOLOGIES

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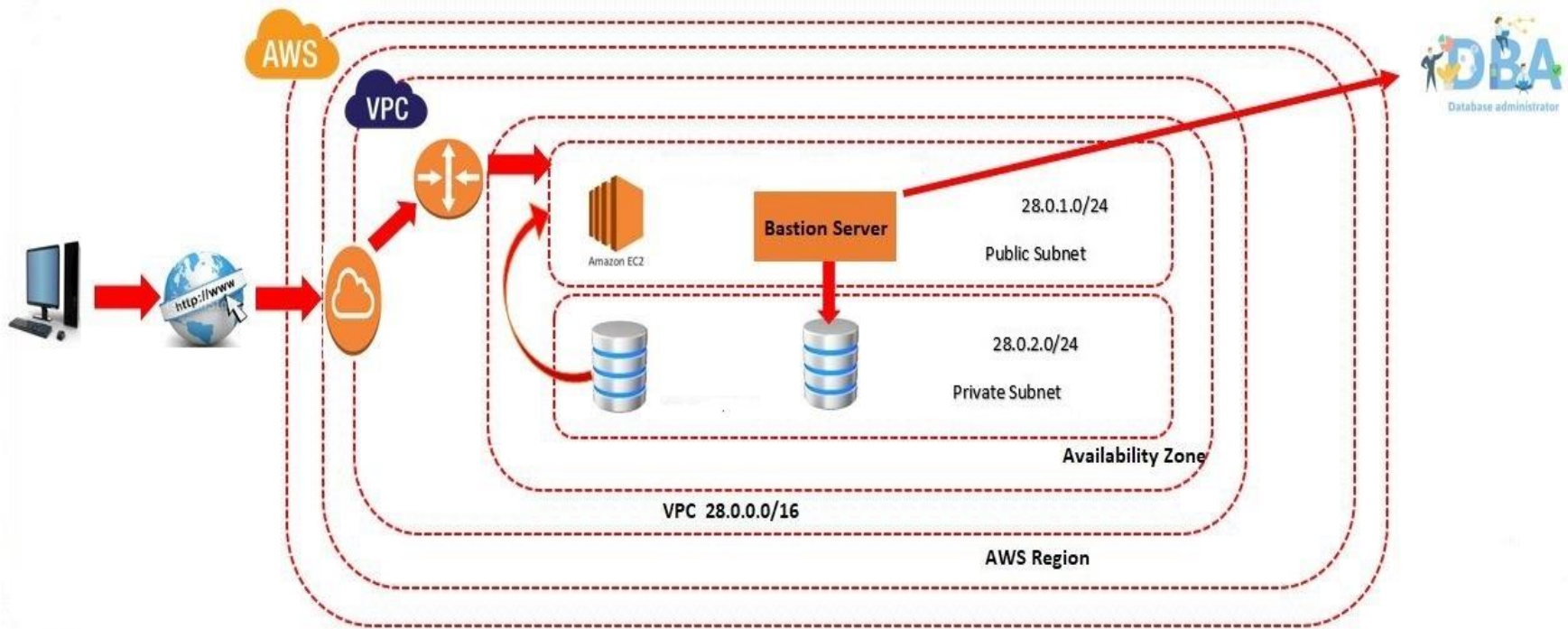
Amazon Web Services

Bastion Server

ankitnarula1991@gmail.com

Bastion Server

- A bastion host is a server whose purpose is to provide access to a private network from an external network, such as the Internet.
- **Note:** Bastion server is nothing but normal EC2 Machine.



Bastion Server

- Create One More Linux EC2 Machine in Public Subnet
- Create Security Group
- Enable SSH Port Number
- Select Source as MY IP
- Launch the Instance
- Create a new keypair

Bastion Server

- Note down the Private IP Address of Bastion Server
- Select our Database server & go to Security tab
- Click on our security group

Actions



Edit Inbound Rules

- Click on Add Rule
- Select type as SSH & Source as Custom
- Enter the bastion server private IP

Bastion Server

- Connect to database server using the bastion server
- Connect Bastion Server
- Switch user
`sudo su`
- Update repository
`yum update -y`
- Copy SSH Command of database server & paste in putty
- Enter yes

Bastion Server

- Transfer Database server pem file to Bastion server using WINSCP
- Copy SSH Command of database server & paste in putty
- `chmod 600 <pem_file>.pem`

- Switch User

`sudo su`

- Command to install MYSQL database

`yum install mysql -y`

- We cannot install, as we are not having internet connection to private subnet.
- To get internet connection, we create NAT server. (Network Address Translation)



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