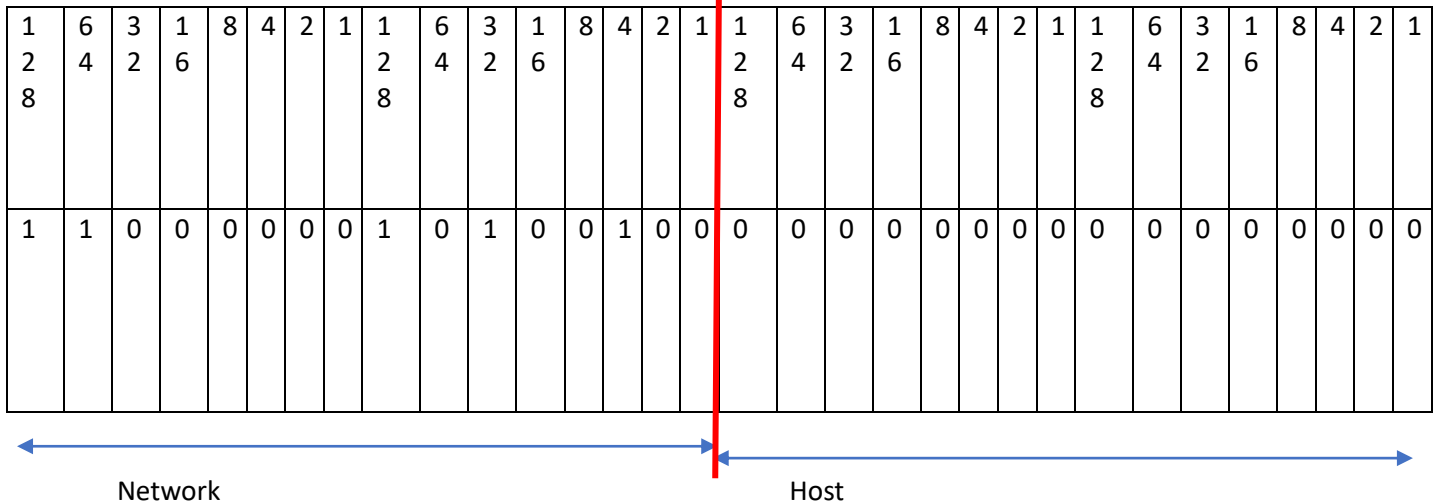


My vpc

192.168.0.0/16



Question: How many subnets does the E-library need?

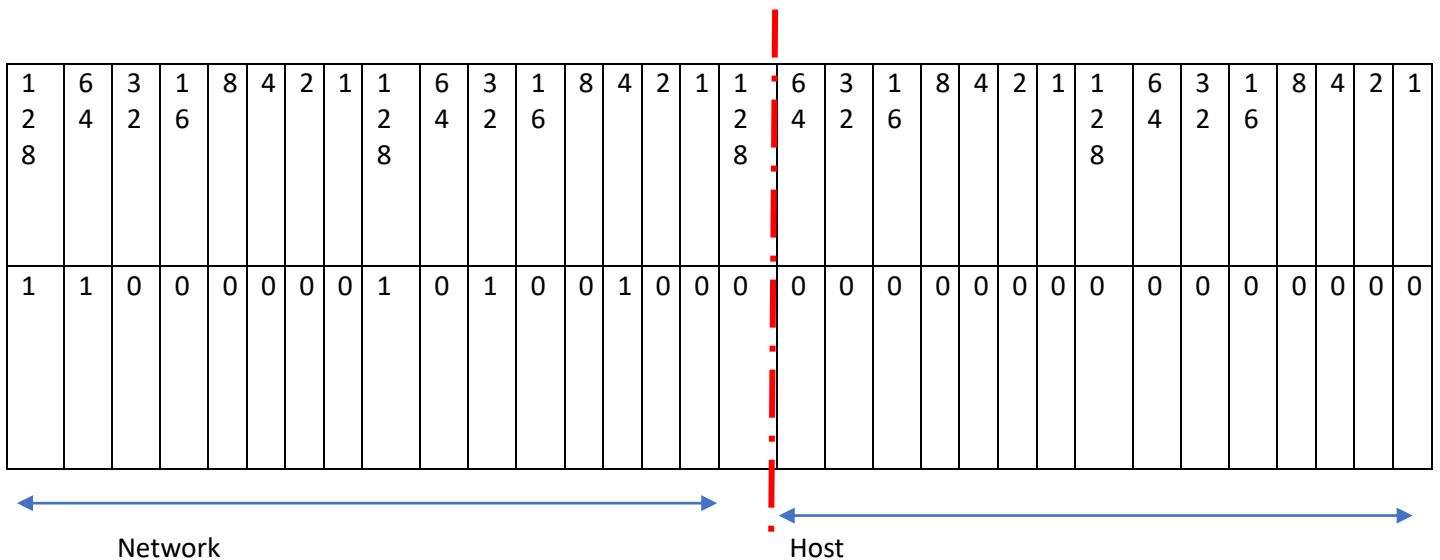
Two subnets. One for the public interface, and one for the RDS data-base.

Question: And what about disaster recovery, how are you going to plan for that?

I don't think that a disaster will happen soon in the AWS region that I will select.

Question: How to create two subnets from 192.168.0.0/16 ?

To create two subnets, you need to increase the number of bits of the network portion by one. Giving you therefore two possibilities. A 1 and a 0.



This means that the new CIDR notation is 192.168.0.0/17

That new bit that you took can either be a 0 or a 1

If it's a 0,

The first subnet address will be,

1 2 8	6 4 2	3 2 6	1 6 8	8 4 2	1 2 8	1 6 4	3 2 6	1 8 4	2 1 0	1 2 8	6 4 2	3 1 6	8 4 2	1 2 8	1 6 4	3 2 6	1 8 4	2 1 0	1 2 8	6 4 2	3 1 6	8 4 2	1 2 8
1	1	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0

192.168.0.0/17

The second subnet address will be,

1 2 8	6 4 2	3 2 6	1 6 8	8 4 2	1 2 8	1 6 4	3 2 6	1 8 4	2 1 0	1 2 8	6 4 2	3 1 6	8 4 2	1 2 8	1 6 4	3 2 6	1 8 4	2 1 0	1 2 8	6 4 2	3 1 6	8 4 2	1 2 8
1	1	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0

192.168.128.0/17

Let us test those two subnets addresses in the AWS console. VPC console.