Create a vpc

Use the existing default, which has IPv4 CIDR of

Add a security group to the vpc

Use the existing default sg

Create ‘allow’ rules on the security group

Inbound: All Traffic, MyIP

Outbound:All Traffic, MyIP

Add private subnet to the vpc

Add an iPv4 CIDR within the range of the parent IPs

Add ACL with inbound and outbound, allow and deny rules, allows traffic in and out via the NAT gateway

Add EC2 Windows server. Base or windows with SQL server??

Use this for the websites and the console applications

Add RDS server - SQL server watch the costs, or MYSQL which is cheaper...

Add public subnet to vpc

Add a NAT gateway: requires an elastic IP address, e.g. (click button to allocate this), and the name of the subnet

Add internet gateway? Click create and attach it to the vpc

Add an iPv4 CIDR within the range of the parent IPs

Add ACL with inbound and outbound, allow and deny rules.....

There is a distinction between private and public IP addresses. To enable communication with the internet, a public IPv4 address is mapped to the primary private IPv4 address through network address translation (NAT).