

2. Short Answer:

A. Why is the DB inbound source restricted to the EC2 security group?

Makes it more secure having access within the VPC and not public access.

B. What port does MySQL use?

3306

C. Why is Secrets Manager better than storing creds in code/user-data?

The Secrets Manager is for keeping secrets and away from being easily accessed. Its not safe to store it in the user data as that is a security issue.