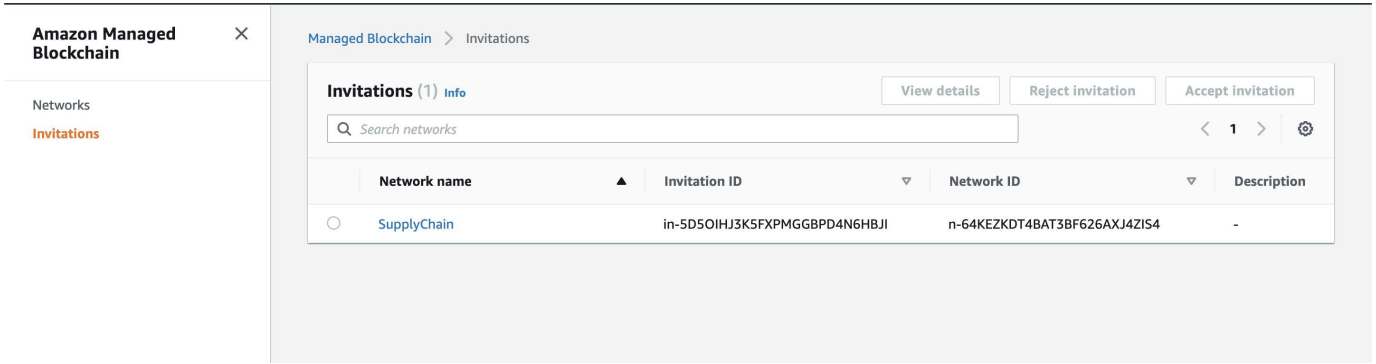
Using the AWS Mgmt. Console

OPTIONAL: This is an alternative to using CloudFormation in the previous step!

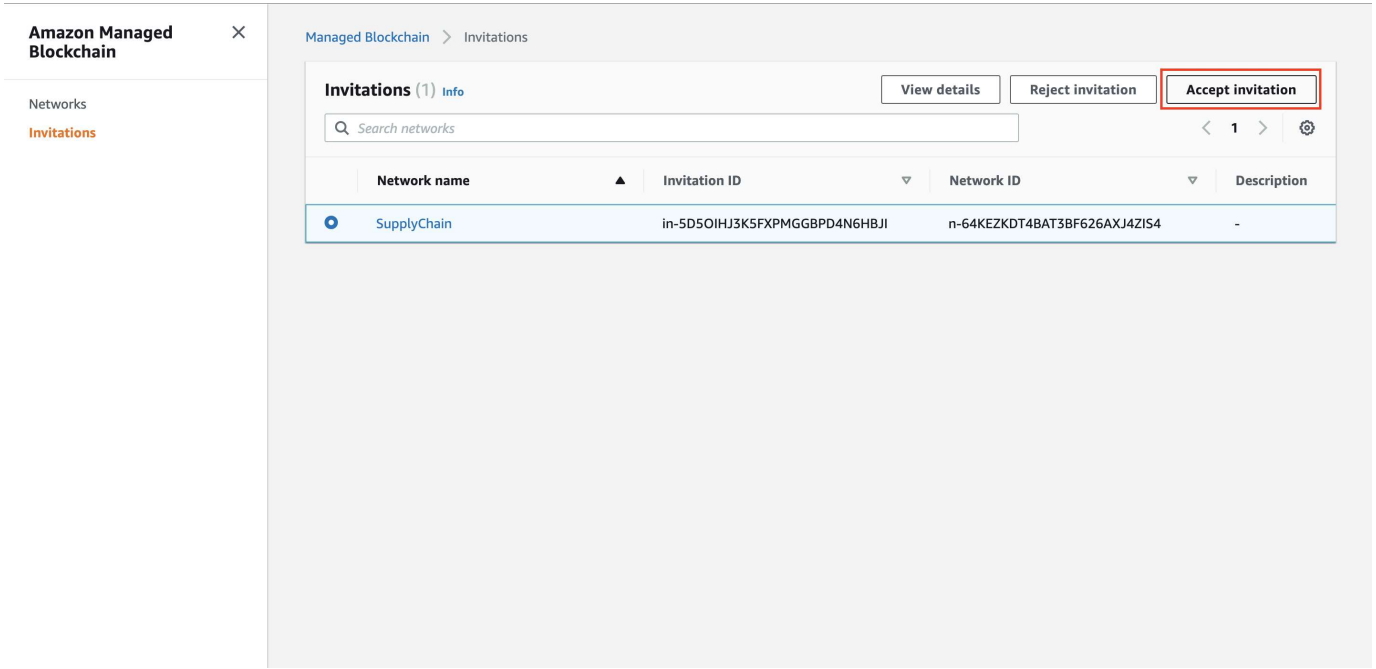
In addition to using Infrastructure as Code (IaaS) tools like AWS CloudFormation to automate the deployment of the Supplier member, you could use the Amazon Management Console to complete the same task. For your reference, here are the steps to do so:

On the Supplier AWS account, navigate to the Amazon Managed Blockchain service. To view any active invitations to blockchain network(s) one's account has received, open the menu sidebar by selecting the ≡ menu button on the left-hand side of your screen, then selecting **Invitations**. If the invitation in the previous step was successful, you will see an invitation for the *SupplyChain* blockchain network in the Supplier account's queue.



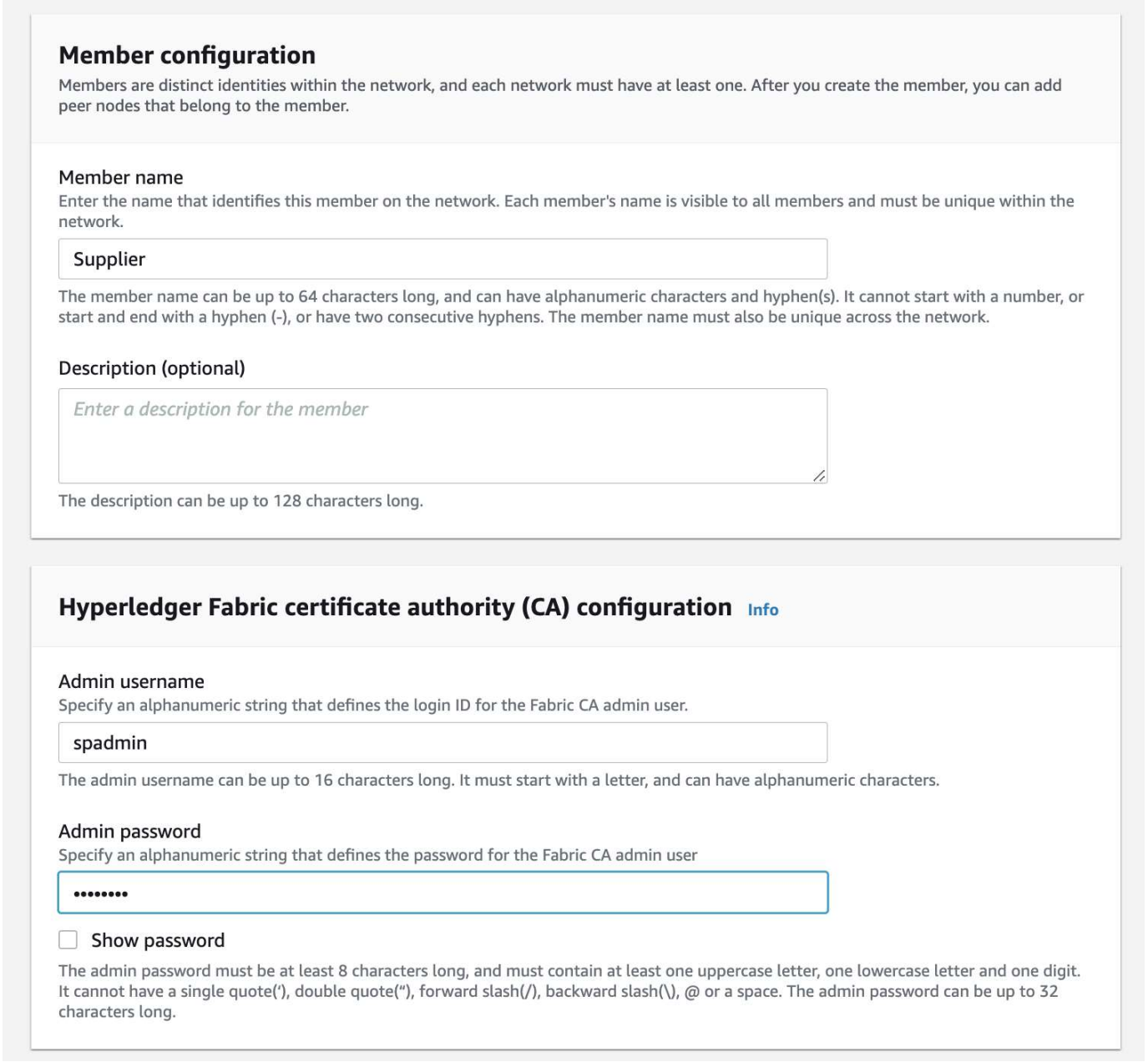
⚠ If you do not see an invitation here, you either forgot to vote "YES" on the proposal on the Retailer account or used the incorrect AWS Account ID to invite the Supplier. Check the proposal on the Retailer account.

To accept the invitation, select the radio button next to the *SupplyChain* invitation and select **Accept Invitation**.



After accepting the invitation, you will be presented with the member creation wizard where you will create the Supplier member. You'll use the same naming conventions as we did on the Retailer account, in this case naming the member *Supplier*. You'll also need to specify a username and password for the Supplier member administrator. We'll use `spadmin` and `Admin123` as the username and password combination.

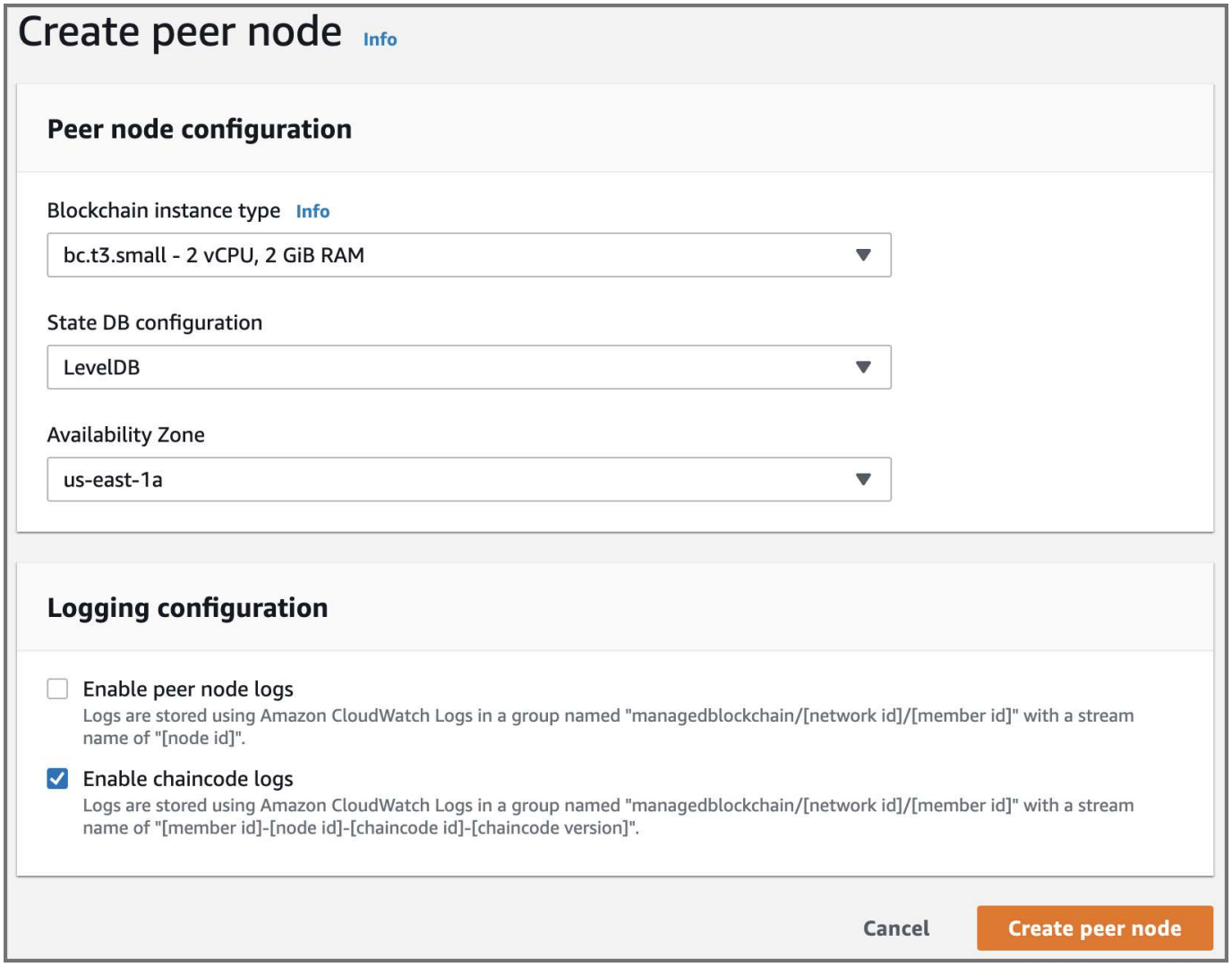
> Again, please be aware that in a production environment you should choose a more secure password than this.



After verifying the member info, select **Create member and join network**. After proceeding, you will need to wait roughly 20-30 minutes for the network and first member to be deployed. You can observe the status of the deployment in your management console.

Once your member is in status `Available` the Amazon Managed Blockchain service in the AWS Management Console, select your network, then select the Retailer member. Select **Create peer node**. Check the box next to **Enable chaincode logs** and leave the other options as-is.

Select **Create peer node**. You will be returned to the Retailer detail view, and you will see that the peer node status is shown as *Creating*.



Repeat this step to add a second peer, selecting a different Availability Zone than the first peer. This second peer will serve as a fallback if the first peer becomes unavailable. In the interest of time, you can leave the peer nodes in the "Creating" state and proceed to the next step.

In this workshop, we opt to use CloudFormation to eliminate the manual steps involved in using the Amazon Management Console.

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