Create CloudFormation Template

> ⓘ **Make sure you are using the Supplier's AWS account in the following steps, not the Retailer's!** You will complete these steps in the Supplier account's Cloud9 IDE.

To create a CloudFormation template, begin by creating a file named `accept-invite.yaml` in the Supplier's Cloud9 IDE. To create a new file, right-click on your root folder in the left-hand file explorer view and select *New File*.

Double-clicking the filename in the tree view will open up an editor window. Paste the following YAML code into the editor and save the file. This code defines a member that will be created in response to an invitation, as well as one or more peer nodes that will be created after the

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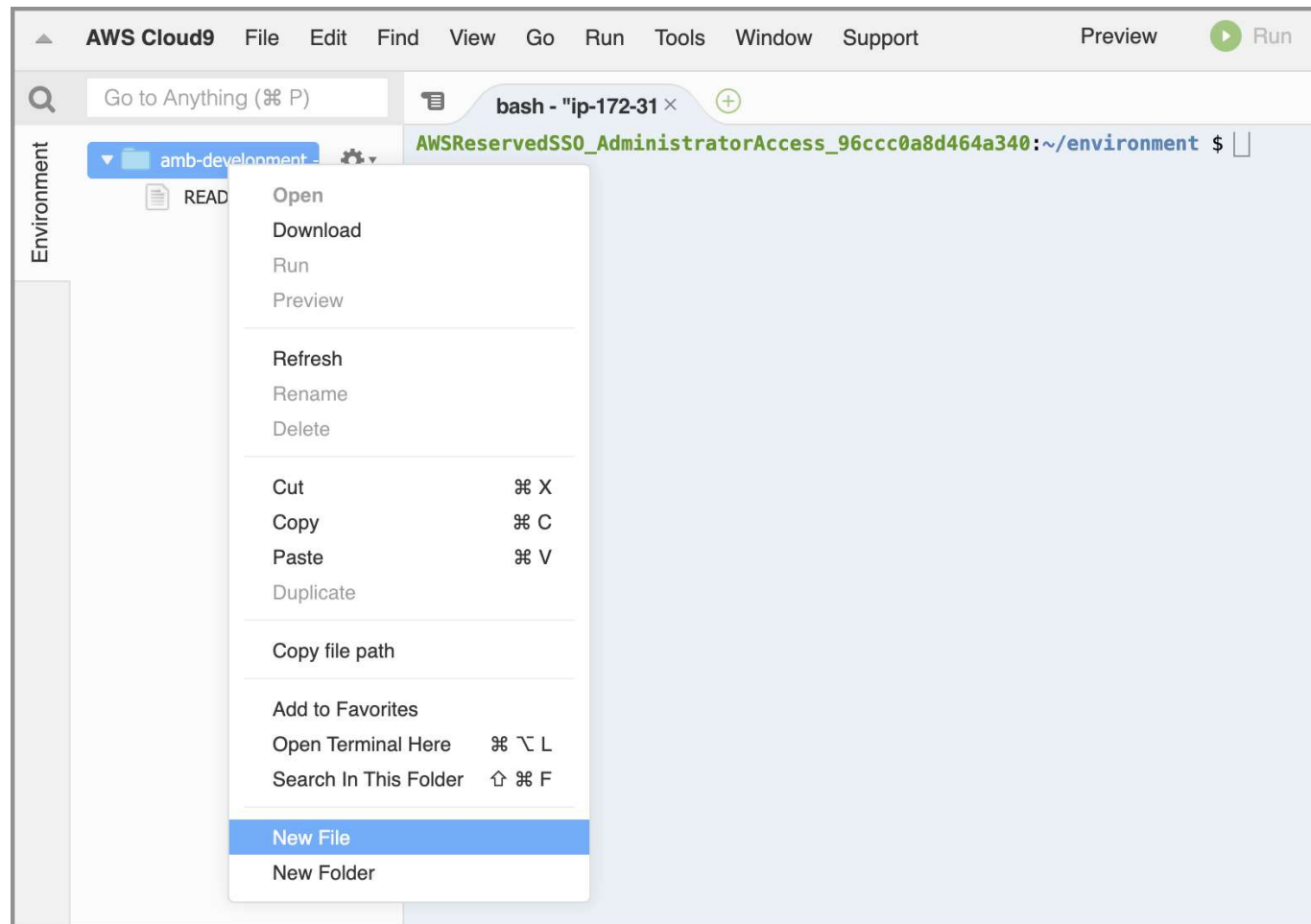
Open AWS console (us-east-1)

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member is created.

> ⓘ Make sure to save the following file using **CMD-S** or **CTRL-S** before proceeding.

```
1   AWSTemplateFormatVersion: 2010-09-09
2   Description: AMB member invitation acceptance template
3   Parameters:
4     NetworkId:
5       Description: The ID of the network that invited this new member
6       AllowedPattern: "^[0-9a-zA-Z\\-]+$"
7       Type: String
8     InvitationId:
9       Description: The ID of this new member's invitation
10      AllowedPattern: "^[0-9a-zA-Z\\-]+$"
11      Type: String
12    MemberName:
13      Description: >-
14        The name of the first member in your Amazon Managed Blockchain network.
15      AllowedPattern: "^[0-9a-zA-Z]+$"
16      ConstraintDescription: FirstMemberName must be alphanumeric.
17      Type: String
18    AdminUsername:
19      Description: The user name of your first member's admin user.
20      AllowedPattern: "^[0-9a-zA-Z/]+$"
21      ConstraintDescription: >-
22        AdminUsername must contain only uppercase and lowercase letters and numbers.
23      Type: String
24    AdminPassword:
25      Description: The password of your first member's admin user.
26      MinLength: 8
27      MaxLength: 32
28      AllowedPattern: "^(?!.*?['\"\\/ @])(?=.*?[A-Z])(?=.*?[a-z])(?=.*?[0-9]).*{8,32}$"
29      ConstraintDescription: >-
30        AdminPassword must be at least 8 characters long and must contain at least
31        one uppercase character, one lowercase character, and one digit. It must
32        not contain ', ", \, /, @ or spaces. It must not exceed 32 characters in
33        length.
34      Type: String
35      NoEcho: true
36    PeerNode1AZ:
37      Description: The Availability Zone for your first peer node.
38      Default: us-east-1a
39      Type: String
40    PeerNode2AZ:
41      Description: The Availability Zone for your second peer node. Can be blank.
42      Default: us-east-1b
43      Type: String
44    InstanceType:
45      Description: The type of compute instance to use for your peer nodes.
46      Default: bc.t3.small
47      Type: String
48      AllowedValues:
```

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```yaml
49          - bc.t3.small
50          - bc.t2.medium
51    Resources:
52      Member:
53        Type: AWS::ManagedBlockchain::Member
54        Properties:
55          NetworkId: !Ref NetworkId
56          InvitationId: !Ref InvitationId
57          MemberConfiguration:
58            Name: !Ref MemberName
59            MemberFrameworkConfiguration:
60              MemberFabricConfiguration:
61                AdminUsername: !Ref AdminUsername
62                AdminPassword: !Ref AdminPassword
63      PeerNode1:
64        Type: AWS::ManagedBlockchain::Node
65        Properties:
66          MemberId: !GetAtt Member.MemberId
67          NetworkId: !GetAtt Member.NetworkId
68          NodeConfiguration:
69            AvailabilityZone: !Ref PeerNode1AZ
70            InstanceType: !Ref InstanceType
71      PeerNode2:
72        Type: AWS::ManagedBlockchain::Node
73        Properties:
74          MemberId: !GetAtt Member.MemberId
75          NetworkId: !GetAtt Member.NetworkId
76          NodeConfiguration:
77            AvailabilityZone: !Ref PeerNode2AZ
78            InstanceType: !Ref InstanceType
```

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