Architecture diagram of this demo

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Note: AWS SSO do not associated any cost.

1. Go to general account ( US-East-1)
2. In SSO console, go and enable the product. (If you get an error, just retries to enable it)
3. Identity source remain default as it is (AWS SSO)
4. GO and customize your SSO User Portal URLA screenshot of a computer

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5. Go to permissions set section and create predefined permission set. Create 4 permission sets as below. Sessions duration set to 4 hour. A screenshot of a computer

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6. Next, we gonna create user. Go to the user tab. Add user (Sally), specify the user detail.
7. Create a group called biling and add Sally into the group which in my demo is biling group.
8. Copy the credential of Sally.
9. Go to the AWS account tab in SSO console, click all the account within the organization and click on assign user and group. A screenshot of a computer

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10. Specify the group that you want to give SSO access to, in this case, billing group. A screenshot of a computer

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11. Assign permissions set to the account. Then submit it.A screenshot of a computer

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12. Open incognito window, go the the SSO User Portal URL. Key in all the credential
13. Go to the management console and check wheather the permissions assign is working or not. A screenshot of a computer

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14. Billing section can be access and ec2 section cannot be accessed. It worked as it is. A screenshot of a computer

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15. Go back to SSO console, create new group (Power User) and add user.
16. Go to AWS account in the sso console and then select all account within the organization
17. Select the power user permission set and submit
18. Go back to Sally SSO user portal and refresh it.
19. You now have access to the Power User permissions. (EC2)A screenshot of a computer

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20. You can also go to application tab for external applications but now we not gonna configure this .
21. Now, we delete all the configuration we done so far. Delete user, delete group.
22. Create new user and group that have iamadmin user permission.
23. Go to aws account, select all account and give the administrator access permission set and then submit it.
24. Go to the SSO User Portal, sign in with the iamadmin account created.
25. As it is a administrative access , it will be incur a risk on it.
26. To avoid that, we can go to SSO User Portal and then go to setting tab.
27. Enable MFA setting and then go to the SSO User Portal to set up MFA device.
28. That’s all for this demo. Thanks.