Amazon Web Services

**Multi-Factor Authentication**

# Multi-Factor Authentication - MFA

* AWS Multi-Factor Authentication (MFA) is a simple best practice that adds an extra layer of protection on top of our user’s name and password.
* We can enable MFA for our AWS account (Root Account) and individual IAM users we have created under our account.
* **Virtual MFA Devices**: Applications for your smartphone can be installed from the application store that is specific to your phone type. The following lists some applications for different smartphone types.
* Google Authenticator
* Authy App
* Duo Mobile
* LastPass Authenticator
* Microsoft Authenticator
* Authenticator app
* Security Key
* Hardware TOTP token
* Download the mobile App (Authy)
* Go to Security Credentials
* Go to Multi Factor Authentication
* Click on Activate MFA
* Select the Device (Virtual MFA Device)
* Click on Continue
* Click on Show QR Code
* Click on plus button in mobile App
* Enter Backup Password in mobile App
* Click on Scan code from mobile App
* Click on Enable Password in mobile App
* Click on Save
* System will generate the Code in mobile App
* Enter the code in AWS
* After few Seconds new password will generate in mobile App
* Enter the Second Code
* Click on Assign MFA
* Now try to Login with AWS Account

# MFA – IAM User

* Create IAM User
* Click on username
* Go to Security Credentials
* Click on Manage for MFA Device
* Select the Type & Click on Continue
* Click on Show QR Code

# MFA – IAM User

* Click on Add Account in mobile App
* Scan QR Code from mobile App
* Save on save in mobile APP
* Password will generate in mobile App
* Click on Assign MFA
* Check our IAM User
* Try to login IAM user