

Monitoring & Alerting Checklist

AWS CLI & IAM Policy Cheat Sheet

Essential AWS CLI commands and IAM policy snippets for daily use.

AWS CLI Basics

- aws configure Set credentials
- aws sts get-caller-identity Verify identity
- aws s3 ls List buckets
- aws ec2 describe-instances EC2 info
- aws iam list-users List IAM users

S3 Commands

- aws s3 cp file.txt s3://my-bucket/ Upload
- aws s3 sync ./localdir s3://my-bucket/ Sync folders
- aws s3 rm s3://my-bucket/file.txt Delete object

EC2 Commands

- aws ec2 start-instances --instance-ids i-123456
- aws ec2 stop-instances --instance-ids i-123456
- aws ec2 reboot-instances --instance-ids i-123456

IAM Commands

- aws iam create-user --user-name myuser
- aws iam attach-user-policy --user-name myuser --policy-arn arn:aws:iam::aws:policy/AmazonS3ReadOnlyAccess

IAM Policy Example

```
{  
  "Version": "2012-10-17",  
  "Statement": [  

```

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```
{  
  "Effect": "Allow",  
  "Action": ["s3:GetObject"],  
  "Resource": ["arn:aws:s3:::my-bucket/*"]  
}  
]  
}
```

IAM Best Practices

- Use managed policies
- Deny by default
- Grant minimum required access
- Use roles for applications

Debugging & Profiles

- Add --debug for CLI issues
- aws iam get-user verify access
- aws s3 ls --profile staging
- export AWS_PROFILE=prod

Maintainer

Adesoji Adejoro

Site Reliability & Tech Support Lead

<https://www.adesoji.dev>