

#AWS Security

#Secure Your Cloud

Mohammed Zubaid

ASSESSING THE AWS SECURITY CHECKLIST

Let's Swipe Right



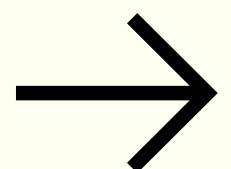
#IAM

#RBAC

IAM

- **MFA:** Strongly recommended for all users.
- **IAM Roles:** Best practice for application access.
- **Access Key Rotation:** Regular rotation is essential for security.
- **Least Privilege:** Crucial to limit potential damage.
- **CloudTrail:** Essential for auditing and monitoring.

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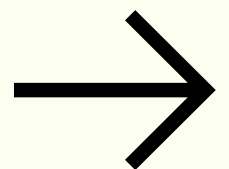
#VPC

#Security Groups

NETWORK SECURITY

- **VPC:** Fundamental for isolation.
- **Security Groups and Network ACLs:** Effective for traffic control.
- **VPC Flow Logs:** Valuable for network analysis.

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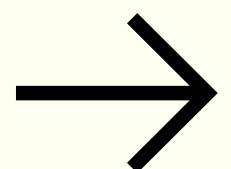
#Data Security

#Encryption

DATA PROTECTION

- **Encryption at Rest:**
Essential for sensitive data.
- **ACM:** Simplifies SSL/TLS
certificate management.
- **Encryption in Transit:**
Mandatory for secure
communication.

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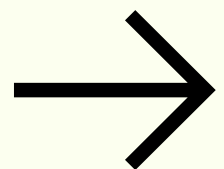
#CloudWatch

#Cloud Monitoring

MONITORING & LOGGING

- **CloudTrail:** Provides a detailed audit log.
- **CloudWatch:** Essential for monitoring and alerting.
- **Config:** Tracks resource configurations and changes.

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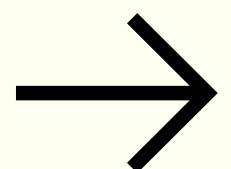
#IR

#GuardDuty

INCIDENT RESPONSE

- **Plan:** A well-defined plan is crucial for effective response.
- **IAM Roles:** Streamline temporary access during incidents.
- **GuardDuty:** Provides continuous threat detection.

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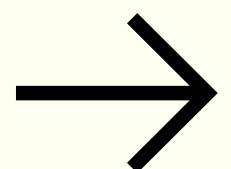
#Compliance

#Governance

COMPLIANCE & GOVERNANCE

- **Organizations:** Useful for managing multiple accounts.
- **Config Rules:** Enforce compliance policies.
- **Trusted Advisor:** Offers valuable recommendations.

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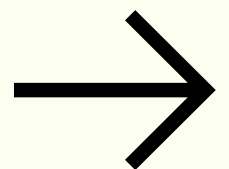
#WAF

#AppSec

APPLICATION SECURITY

- **WAF:** Protects against common web attacks.
- **Shield:** Essential for DDoS protection.
- **Updates and Patches:**
Regular patching is vital for security.

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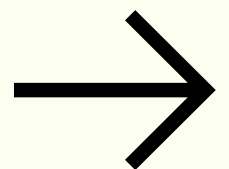
#Backup

#Encryption & Storage

BACKUP & RECOVERY

- **AWS Backup:** Simplifies backup management.
- **Testing:** Regular testing ensures plan effectiveness.
- **Encryption and Storage:** Essential for data protection.

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#AWS Security

#Cloud Security

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THIS HELPFUL,
LIKE AND
SHARE IT WITH
YOUR FRIENDS**

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