

Flight Plan

- [Checklist](#)

Excuse the aeronautical reference but I am a product of 80's/90's Air Cadet, Flight Training, Chemical Nuclear Biological Defence Training, general Cold War mentality before the mid 90's foray into ideally/hopefully endless positive energy and overly enthusiastic software engineering mentality. In the past we were partial to checklists and up front planning - I still feel the need for some process planning to figure out if we missed something.

Checklist

Ref	Item	Labels	Proposals	Details
	User 2FA	security MFA		
		filtering	S3 Object Lambda attached to S3 Object Lambda Access Point For redacted or enriched views of base S3 object	
	Lambda code signing	security		
	Lambda API / User tracking	security traceability	CloudTrail logs	
	Lambda VPC private subnet placement	security	NATGW or VPC endpoint is required - note Cloudwatch is a public service	
	Long term storage	access compliance durability finops redundancy retention	S3 Intelligent-Tiering 4 levels to S3 Glacier Deep Archive	
		compliance standards	Macie for Personally Identifiable Information (PII) via ML in S3 buckets for HIPAA, GDPR	
	Encryption at rest	encryption security	DynamoDB RDS EBS encryption via KMS Lambda environment variable encryption at rest	
	Encryption in transit			
	cloud always-free tier minimum cost - maximum coverage Cloud#PublicCloudFreeTier			