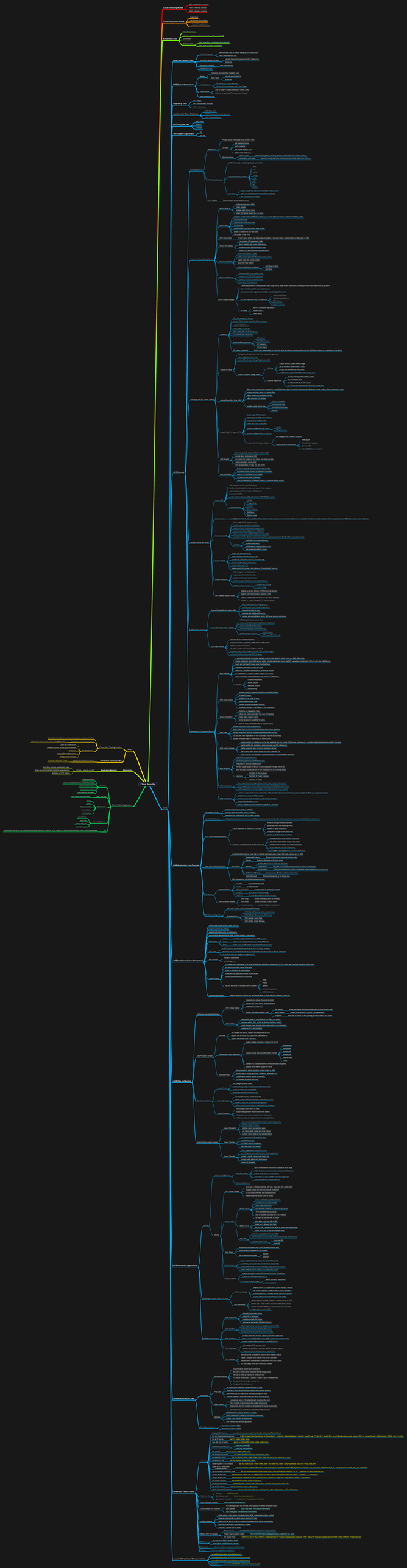
Cloud Computing Models
IaaS - Infrastructure as a service
PaaS - Platform as a service
SaaS - Software as a service
Cloud Deployment Models
Public cloud
Private cloud
Hybrid cloud
Community cloud
Multi-cloud
Authentication Jobs
Who is responsible for authenticating employees
Who is responsible for authenticating customers
AWS Cost Planning Tools
Cost Explorer
Determine what could be saved by changing Cloud infrastructure
Cost Explorer API
Programmatically query cost and usage data using the AWS Command Line
Cost Explorer Reports
Reports
Cost Explorer Preferences
Preferences
Cost Explorer Limitations
Limitations
Cost Allocation Tags
Tags
Cost Allocation Tags Limitations
Limitations
Cost Explorer Pricing
Pricing
Each region can only create 5 billing reports
Amazon S3 bucket(s) to store reports in
Report Name
Time unit granularity
Report Path Prefix
Report versioning
AWS Budget Infrastructure
Budgets
Budget Types
Cost budgets
Usage budgets
Reservation budgets
Savings Plans budgets
Budget Actions
Actions to run (or reverse) when thresholds are reached
Budget Notifications
Notifications to send when thresholds are reached
Email recipients for budget notifications
Amazon SNS topic for budget notifications
Reporting Tools
AWS Trusted Advisor Dashboard
Cost Explorer
Resources for Cloud Workloads
AWS Cost Management Pricing
AWS Cost Management Mobile App
Attracting n/IN IAM
IAM Users
Groups
Roles
Policies
New Types of Cyber Jobs
Cloud Security
Cloud Native Application Protection Platform (CNAPP)
Cloud Workload Protection Platform (CWPP)
Cloud Security Posture Management (CSPM)
Cloud Infrastructure Entitlement Management (CIEM)