**AWS ECR Resume Points**

Here are some resume points related to AWS Elastic Container Registry (ECR):

* Proficient in setting up and managing AWS ECR repositories to securely store, manage, and deploy container images.
* Experienced in integrating ECR with container orchestration platforms like Amazon Elastic Kubernetes Service (EKS) or Amazon Elastic Container Service (ECS) for seamless container image deployment.
* Skilled in configuring ECR lifecycle policies to automatically clean up outdated or unused container images, optimizing storage utilization and cost.
* Demonstrated expertise in implementing ECR authentication and access controls, ensuring secure access to container images and preventing unauthorized access.
* Proficient in utilizing ECR image scanning capabilities to detect vulnerabilities, malware, or configuration issues in container images, ensuring the security of the containerized applications.
* Experienced in configuring ECR notifications and event rules to trigger actions or notifications when new images are pushed or specific events occur, facilitating real-time monitoring and response.
* Skilled in leveraging ECR replication to replicate container images across different AWS regions, enabling high availability and reducing data transfer latency.
* Demonstrated expertise in utilizing ECR image tagging and versioning to manage and track different versions of container images, enabling easy rollbacks and deployment management.
* Proficient in integrating ECR with AWS Identity and Access Management (IAM) for fine-grained access control and permissions management, ensuring secure collaboration and governance.
* Experienced in utilizing ECR APIs and CLI commands for programmatically interacting with ECR, automating image management tasks, and integrating with

CI/CD pipelines.

* Proficient in configuring ECR lifecycle policies to automate the image build, test, and deployment process, ensuring efficient release management and minimizing manual interventions.
* Experienced in utilizing ECR image replication across AWS accounts and regions to enable global distribution of container images and improve deployment performance.
* Skilled in integrating ECR with AWS Identity and Access Management (IAM) roles and policies to enforce granular access control and maintain least privilege principles.
* Demonstrated expertise in leveraging ECR vulnerability scanning to identify and remediate security issues in container images, ensuring compliance with security standards and best practices.
* Proficient in using ECR image metadata and tagging to organize and categorize container images, facilitating easy search, retrieval, and management.
* Experienced in setting up ECR image lifecycle events to trigger automated actions, such as invoking AWS Lambda functions or updating Amazon CloudWatch dashboards, for real-time monitoring and response.
* Skilled in configuring ECR image replication with AWS Lambda-based event-driven workflows, allowing for automatic synchronization of container images across multiple repositories or accounts.
* Demonstrated expertise in integrating ECR with AWS PrivateLink to securely access ECR repositories from within Amazon Virtual Private Cloud (VPC) environments, enhancing network security and compliance.
* Proficient in utilizing ECR resource policies to define access control and sharing rules across AWS accounts, enabling collaboration and sharing of container images with trusted partners.
* Experienced in using ECR encryption at rest and in transit to ensure the confidentiality and integrity of container image data, adhering to data security requirements and industry standards.
* Experienced in utilizing ECR image scanning results in real-time to identify and mitigate security vulnerabilities or compliance issues in container images.
* Skilled in troubleshooting ECR authentication and access issues, such as

permission errors or token expiration, to ensure seamless access to container images.

* Demonstrated expertise in diagnosing and resolving ECR replication issues, such as synchronization failures or latency, to ensure consistent image availability across regions.
* Proficient in troubleshooting ECR registry policy configuration issues, ensuring proper access controls and permissions for repository users.
* Experienced in investigating and resolving ECR image tagging or versioning issues, such as incorrect or missing tags, to ensure accurate image identification and management.
* Skilled in troubleshooting ECR image build and push failures, including issues related to Dockerfile syntax, network connectivity, or image size limitations.
* Demonstrated expertise in troubleshooting ECR image pull failures, such as incorrect image references, registry availability, or network connectivity issues.
* Proficient in diagnosing and resolving performance issues related to ECR image scanning, such as slow scan times or resource limitations impacting scanning throughput.
* Experienced in collaborating with development teams and AWS support to troubleshoot complex ECR issues, leveraging detailed log analysis and AWS support resources.
* Proficient in monitoring ECR repository metrics and utilizing AWS CloudWatch alarms to proactively identify and troubleshoot issues related to repository size, image availability, or replication lag.
* Experienced in troubleshooting network connectivity issues between ECR repositories and container orchestration platforms like Amazon Elastic Kubernetes Service (EKS) or Amazon Elastic Container Service (ECS).
* Skilled in diagnosing and resolving ECR registry authentication failures, including issues with AWS Identity and Access Management (IAM) roles, permissions, or temporary credentials.
* Demonstrated expertise in troubleshooting ECR image deletion or cleanup issues, ensuring proper handling of expired or unused container images and optimizing storage utilization.
* Proficient in investigating and resolving ECR registry access denial issues, such as

misconfigured resource policies, invalid IAM permissions, or security group restrictions.

* Experienced in troubleshooting ECR image scanning failures, including issues with the scanning process, integration with vulnerability databases, or configuration mismatches.
* Skilled in diagnosing and resolving ECR replication inconsistencies or errors, such as replication lag, network disruptions, or misconfigured replication rules.
* Demonstrated expertise in troubleshooting ECR image vulnerability scanning false positives or false negatives, working closely with security teams to validate findings and ensure accurate results.
* Proficient in investigating and resolving ECR registry performance issues, such as slow image retrieval or push/pull operations, by optimizing network settings, addressing latency issues, or scaling resources.
* Experienced in collaborating with AWS Support or engaging with AWS Trusted Advisor to troubleshoot complex ECR issues, leveraging expert guidance and best practices.