**AWS EFS Resume Points**

Here are some resume points related to AWS Elastic File System (EFS):

* Proficient in designing and implementing scalable and highly available file storage solutions using AWS EFS to support a wide range of applications and workloads.
* Experienced in creating and configuring EFS file systems, setting up access control policies, and managing file system permissions to ensure secure and controlled access to data.
* Skilled in optimizing EFS performance by configuring file system performance modes, setting appropriate throughput and IOPS levels, and implementing caching strategies.
* Demonstrated expertise in integrating EFS with EC2 instances and other AWS services, such as ECS, EKS, or Lambda, to provide shared and persistent file storage across distributed systems.
* Proficient in leveraging EFS features like lifecycle management, automatic scaling, and data encryption to ensure data durability, cost optimization, and data security.
* Experienced in troubleshooting EFS-related issues, such as file system connectivity problems, permission conflicts, or performance bottlenecks, and implementing corrective actions.
* Skilled in monitoring and analyzing EFS performance metrics and using CloudWatch alarms to proactively identify and resolve any performance or capacity-related issues.
* Demonstrated expertise in data migration to EFS, including planning and executing seamless data transfer from on-premises or other cloud storage systems to EFS file systems.
* Proficient in implementing backup and disaster recovery strategies for EFS, including snapshot creation, cross-region replication, or data replication to Amazon S3.
* Experienced in documenting EFS architecture, configurations, and best practices

to contribute to knowledge sharing, troubleshooting guides, and standard operating procedures.

* Proficient in real-time troubleshooting of EFS-related issues, such as file system access errors, connectivity problems, or performance degradation.
* Experienced in analyzing CloudWatch metrics, EFS Burst Credit Balance, and throughput utilization to identify and resolve performance bottlenecks or capacity-related issues.
* Skilled in diagnosing and resolving EFS mount point configuration issues, including mount options, DNS resolution, or network connectivity problems.
* Demonstrated expertise in troubleshooting EFS permission conflicts, ensuring proper file system permissions, user mappings, or access control policies.
* Proficient in diagnosing and resolving EFS security-related issues, such as misconfigurations of AWS Identity and Access Management (IAM) roles or misconfigured network security groups.
* Experienced in investigating EFS file system connectivity problems with EC2 instances, troubleshooting issues related to subnet configurations, security groups, or DNS resolution.
* Skilled in analyzing EFS access logs and CloudTrail logs to trace and identify unauthorized access attempts, potential security breaches, or abnormal file system activities.
* Demonstrated expertise in troubleshooting EFS encryption-related issues, such as incorrect key management, encryption in transit, or misconfigured encryption settings.
* Proficient in collaborating with AWS Support or using third-party monitoring and diagnostic tools to analyze and troubleshoot complex EFS-related issues.
* Experienced in documenting troubleshooting procedures, best practices, and lessons learned to contribute to knowledge sharing and improve operational efficiency.
* Proficient in implementing EFS with AWS Lambda functions, enabling serverless applications to access and manipulate file data stored in EFS.
* Experienced in leveraging EFS with containerized workloads, such as Amazon ECS or Amazon EKS, to provide shared and persistent file storage for containers.
* Skilled in integrating EFS with AWS DataSync for efficient and secure data

transfer between on-premises file systems and EFS in the cloud.

* Demonstrated expertise in implementing EFS in multi-region architectures, leveraging AWS DataSync or cross-region replication to ensure data availability and disaster recovery.
* Proficient in optimizing EFS performance for specific workload patterns, such as big data analytics or content management systems, by tuning file system settings and caching mechanisms.
* Experienced in implementing EFS access from on-premises environments using AWS Direct Connect or VPN connections for seamless hybrid cloud file storage solutions.
* Skilled in implementing EFS lifecycle management policies to automatically transition data to lower-cost storage tiers, such as Amazon S3, based on access patterns and retention policies.
* Demonstrated expertise in EFS data synchronization across multiple AWS accounts or VPCs, implementing solutions like AWS Transit Gateway or VPC peering for centralized file storage.
* Proficient in integrating EFS with AWS CloudFormation or AWS CDK for infrastructure-as-code deployments, enabling consistent and repeatable creation of EFS resources.
* Experienced in using AWS Step Functions or AWS Batch to orchestrate workflows and parallel processing tasks that involve EFS file operations.