Pâm Ascef Cazarini

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EDUCATION

VINCIT, UNICV Maringá, *Paraná*   Dec, 2023 –
Full Stack JAVA Developer
Java, Angular, JavaScript, Docker, Kubernetes, PostgreSQL

Google   Dec, 2024 –
Google Cloud Cybersecurity
IAM, Terraform, Network, VPC, Firewall, Vulnerabilities, Risk and remediation, Audits

PROJECTS

Google Cloud Network Configuration
- Designed and implemented a custom-mode VPC network in Google Cloud to serve as a foundational test environment for security tool configurations and testing.
- Configured and managed subnets, ensuring logical segmentation of the VPC to enhance resource organization, network performance, and security.
- Conducted network and subnet audits using Google Cloud CLI tools, identifying and addressing potential vulnerabilities, and ensuring adherence to best practices for cloud network security
- Gained hands-on experience with software-defined networking and its applications in securing production environments.

Cloud Security and Compliance
- Utilized Google Cloud Security Command Center (SCC) to identify, prioritize, and remediate high and medium-risk vulnerabilities in Cloud Storage, including public bucket access and lack of uniform access control.
- Implemented best practices by removing public permissions and enforcing uniform bucket-level permissions, ensuring a secure storage environment.
- Conducted compliance reporting using CIS Google Cloud Platform Foundation 2.0 standards to verify remediation and maintain regulatory adherence.
- Enhanced data protection by preventing unauthorized access and reducing risks of data breaches.

Creating a role in Google Cloud IAM
- Designed and implemented a **custom role** in Google Cloud IAM adhering to the **principle of least privilege**, restricting permissions to read-only Firebase database resources.
- Assigned the custom "Audit Team Reviewer" role to a specific user and validated access configurations using the **Policy Analyzer** tool.
- Ensured controlled access for auditing purposes, reducing the risk of excessive permissions and enhancing security posture.
- Verified correct assignment of roles and permissions, reinforcing adherence to best practices for digital identity management.

Firewall Rules and Traffic Analysis
- Designed and implemented secure firewall rules to manage network traffic.
- Configured rules to allow HTTP and SSH traffic for specific VM instances using target tags.
- Deployed deny rules to block unauthorized HTTP access to web servers, ensuring robust security.
- Monitored and analyzed VPC Flow Logs using Logs Explorer to verify rule effectiveness.
- Identified network connections and validated traffic flow based on protocol, source, and destination IPs.
- Generated detailed logs for ingress traffic, highligh
- Utilized log insights to investigate and validate rule application for proactive security. ting disposition (ALLOW/DENY) and port-specific activity.
- Verified denied traffic using IP filters and ensured alignment with the principle of least privilege.

Terraform-Based VPC and Firewall Configuration
- Cloned and managed Terraform example repositories for secure firewall provisioning using Google Cloud Shell.
- Accessed and modified Terraform configurations (`main.tf`) to automate VPC and firewall rule deployment.
- Configured rules to allow ICMP and TCP traffic on specified ports (80, 8080, 1000-2000), ensuring secure and efficient network operations.

- Deployed a VPC network and firewall rules through Terraform commands, including `terraform init` and `terraform apply`, automating the infrastructure setup.
- Implemented deny rules to block unauthorized access, ensuring security compliance and adherence to the principle of least privilege.
- Verified deployment using Google Cloud Console to confirm correct resource creation and firewall rule enforcement.
- Analyzed firewall configurations and traffic flows using Terraform and Google Cloud tools.
- Validated traffic protocols, source, and destination IPs, ensuring alignment with defined firewall policies.

SKILLS

Languages
Portuguese (native) | English (intermediate B-2)

Certifications
Google Cloud Cybersecurity (in progress)
Full Stack Java Developer
SOC Analyst

Technical Skills
- Cloud Platforms: (GCP), Google Cloud Networking, (SCC)
- Networking: VPC Design, Subnet Configuration, Network Security
- Cloud Security: IAM, Custom Role Creation, Vulnerability Remediation
- Terraform: Infrastructure as Code (IaC), Terraform Scripts, Firewall Configuration
- Compliance & Auditing: Compliance Reporting, CIS Google Cloud Platform Foundation 2.0, Security Audits, Role-Based Access Control (RBAC)
- Firewall & Traffic Analysis: Firewall Configuration, VPC Flow Logs, Traffic Flow Analysis, Security Logging, IP Filtering

Soft Skill
Problem-Solving | Attention to Detail | Adaptability | Analytical Thinking

Environments & OS
- Windows
- Linux
- Google Cloud
- Docker
- Kubernets