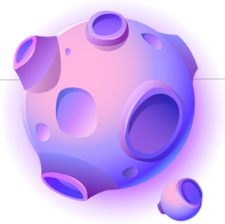
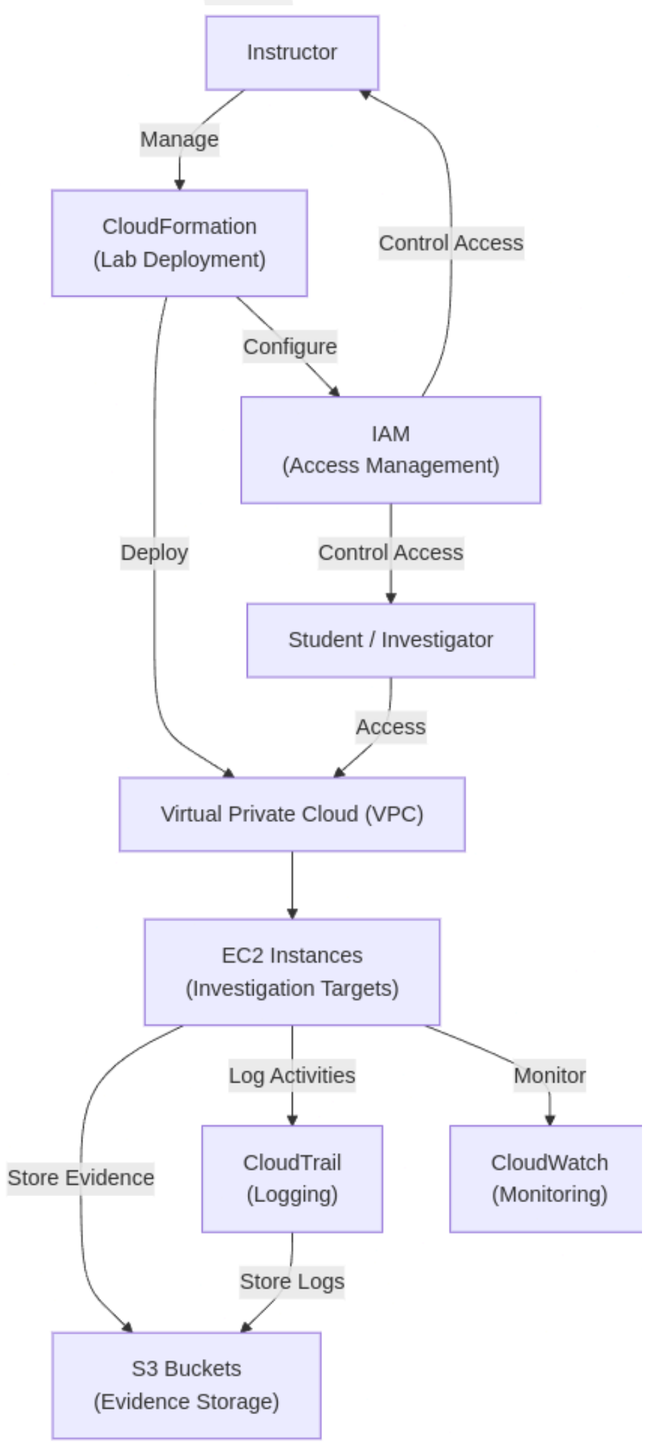


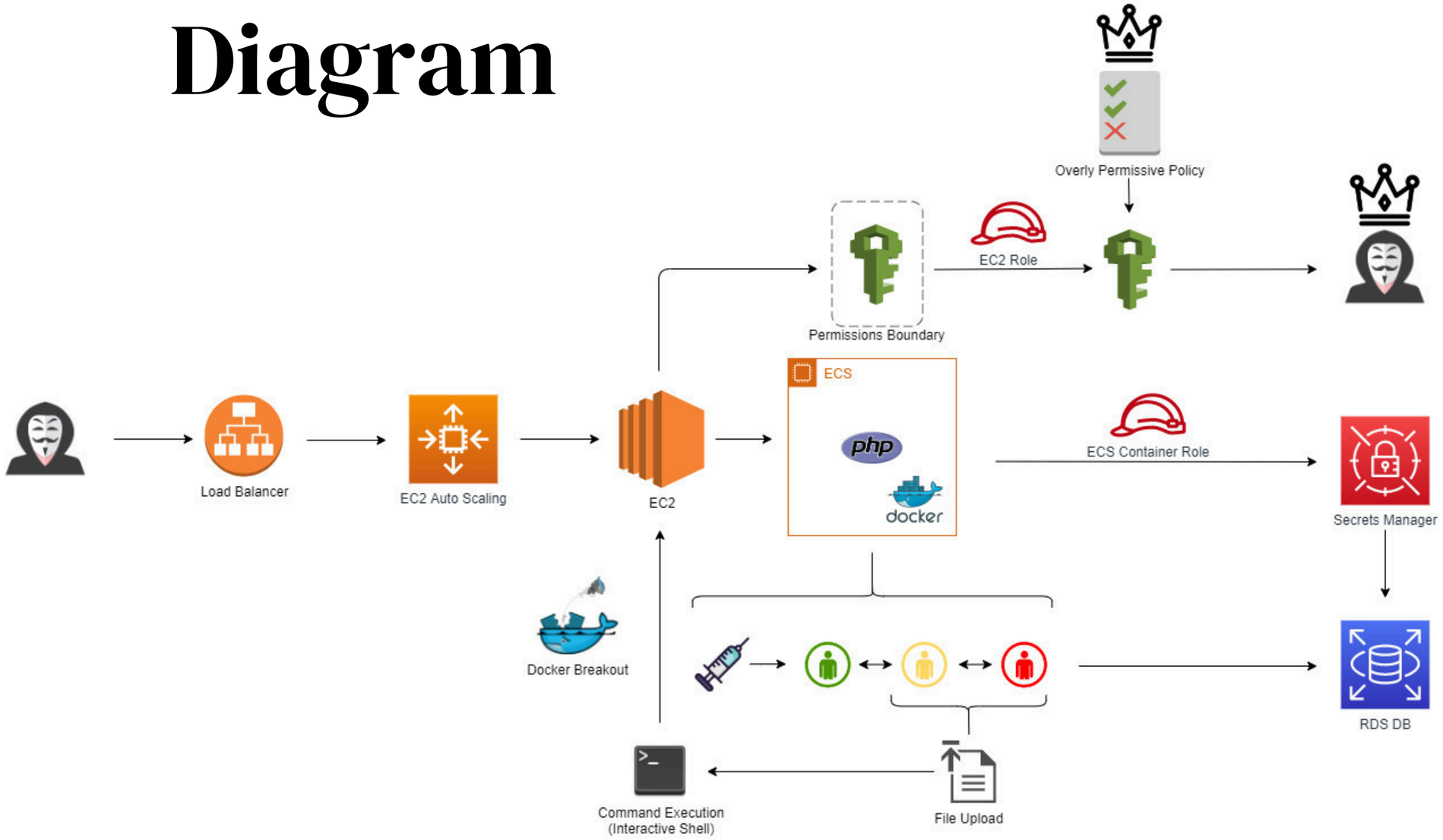
Team Details

TEAM TECHIEZ

- Team Leader – ASHISH BAGHEL
- Member 1 – YUVRAJ ANAND
- Member 2 – YASH VERMA

Architecture Diagram





Enhanced Interactivity

- Unlike traditional static textual training resources, our lab offers real-time simulations that engage users actively in a gamified learning process.

Integrated Command Line Interface

- Combines command execution with instructional materials in one platform, reducing cognitive load and improving workflow efficiency.

Realistic Scenario Development

- Focused on complex, real-world cloud forensics challenges, ensuring that students encounter relevant issues they will face in the field.

Offline Accessibility

- Provides downloadable VM labs for uninterrupted practice, overcoming the limitations of online-only training platforms.

Detailed Post-Challenge Feedback

- Offers comprehensive solutions and explanations after challenges, promoting deeper understanding and reinforcing learning.

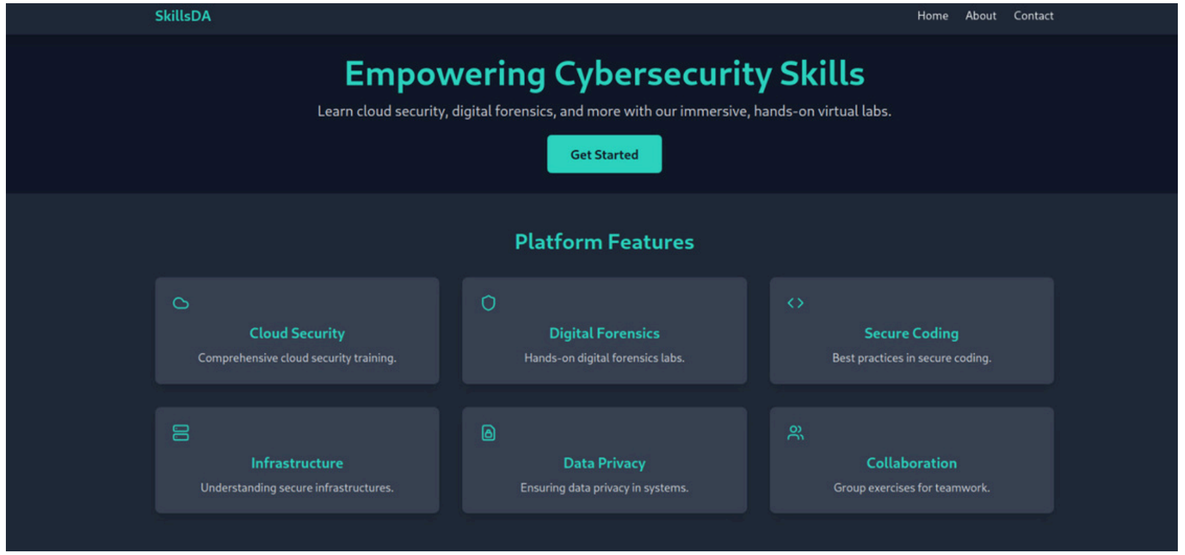
Focus on Modern Technologies

- Incorporates cutting-edge tools and methodologies that address the latest trends in cloud forensics.

Comprehensive Training Materials

- A well-structured lab manual that combines theory and practical application, ensuring a holistic approach to cyber investigation training.

Improvement Over Existing Solutions



Platform Landing Page

1. Comprehensive Hands-On Experience

- Simulates complex, real-world cloud-based digital forensics scenarios.
- Focus on essential AWS services: EC2 instances, S3 buckets, and more.

2. Integrated Learning Platform

- Unified interface for executing commands and referencing the lab manual.
- Reduces the need to switch between multiple resources, enhancing user efficiency.

3. Step-by-Step Guidance

- Detailed lab manual with clear objectives & procedures.
- Structured learning approach facilitates better understanding and retention.

4. Post-Challenge Solutions

- Comprehensive solutions provided after attempts to reinforce learning.
- Aids in concept clarification and skill enhancement through feedback.

5. Offline Capabilities

- Provides offline VM labs for local practice with VirtualBox and other software.
- Ensures continuous learning without reliance on internet connectivity.

6. Real-World Relevance

- Scenarios designed to reflect current trends and challenges in cloud forensics.
- Prepares users for actual investigative roles in evolving cyber landscapes.

U

S

P