LAZARUS

WITH THE USE OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING, LAZARUS WILL BRING AN HOLISTIC PLATFORM ADDRESSING BOTH SECURITY AND PERFORMANCE ISSUES THROUGHOUT THE SDLC.

INNOVATION

Realisation of self-healing

Automated vulnerability discovery

Automation of DevSecOps

Resilience and security in the SDLC

OBJECTIVES

Design, develop, test, and validate a novel intelligent framework for the development of secure applications.

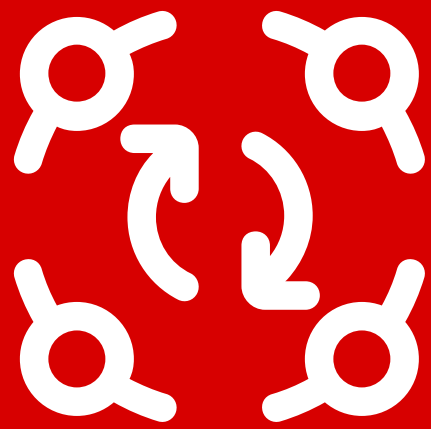Automatically apply self-healing to a system which undergoes an attack.

Develop new methods for discovering vulnerabilities in an information system.

Integrate artificial and machine learning in tools to automate security checks in DevSecOps.

BECOME PART OF OUR STAKEHOLDERS' NETWORK!

LAZARUS

Information & Intelligence Sharing
Privacy-preserving sharing of intelligence with CERTs, CSIRTs, and ISACs.

NIS & GDPR Compliance
Facilitation of meeting NIS and GDPR compliance requirements by automated, identification of threats, monitoring, reporting, and hardening of the attack surface of existing software solutions.

Resilience & Self-healing
Binary armouring features and advanced self-healing for deployed software solutions.

Realisation of DevSecOps
Automation of the security aspects of DevSecOps and integration with SoA tools throughout the SDLC.

Automated vulnerability discovery
Automate the process of identifying vulnerabilities early in the SDLC in code, binaries, configuration and containers.

AI/ML powered solution