



IaC-Assist™

**Your Real-Time Security Assistant
for Infrastructure as Code**

OVERVIEW

laC-Assist is a powerful IDE plugin that integrates seamlessly with your code development environment, allowing engineers to implement security policies and controls without leaving their coding environment.

INTEGRATION METHOD

Install the laC-Assist plugin in Visual Studio Code (IDE) to enable direct interaction with the IDE's code editor and set up integration with the ThreatModeler platform for creating threat models.

KEY FEATURES

1 laC Configuration Issues Detection

laC-Assist verifies that laC resources are correctly configured. It flags any misconfigurations and offers options for remediation, thus proactively preventing security misconfigurations issues before they impact production environments.

Additionally, laC-Assist identifies missing security-related properties in the laC file, ensuring that all required attributes are specified for each resource.

2 Supported Infrastructure-as-Code (laC) File Formats

laC-Assist supports major laC file formats including AWS CloudFormation Templates, Azure Resource Management Templates, and Terraform code files.

3 Early CDLC Security Integration

Security policies are integrated early in the Cloud Development Life Cycle (CDLC), reducing risks and minimizing the need for security-related rework later in the development process.

4 Seamless Threat Modeling Integration

Direct integration with ThreatModeler and CloudModeler enables automated threat modeling and architecture design directly from the codebase.

5 Shift-left Approach

laC-Assist follows a shift-left approach, shift-left approach, which means integrating security measures early in the development process. By embedding security checks into the code development phase, it helps identify and address potential vulnerabilities in IDE before they become bigger issues later in the life cycle.

Platform Capabilities

Supported IDE: Visual Studio Code (VSCode)

Supported laC Templates:

- CloudFormation (JSON and YAML)
- vTerraform for AWS

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