Checkmarx

Compares API Security Approaches

CHECKMARX API SECURITY discovers and protects APIs during software development.

FINDS
every API defined in source code, not just those seen during runtime.

GENERATES
a full inventory of known, shadow, and zombie APIs.

COMPARES
that list against API documentation to find unknown API risks and vulnerabilities.

SHIFTS API SECURITY ‹ LEFT

API THREAT PROTECTION solutions discover live APIs already in production.

TRY TO FIND
and inventory APIs in live application traffic.

CAN ONLY SEE
APIs in traffic flowing through devices they integrate with.

DON'T FULLY ADDRESS
shadow or zombie APIs and are vulnerable to infrastructure changes in traffic flow.

API GATEWAYS AND WAFs protect live APIs in production.

CAN ONLY PROTECT
APIs they specifically know about.

CAN ONLY BLOCK
attacks on APIs deployed behind them and in traffic routed through them.

MUST REGISTER APIs
to enable API protections; can't address shadow or zombie APIs.

MOST SOLUTIONS SHIFT RIGHT

GOAL Secure APIs and Manage Risk