

# Application Protocol Interfaces: A Double-Edged Sword

APIs are the quintessential double-edged sword. They're the cement that interconnects systems and applications, but they add additional security vulnerabilities and complicate protection strategies and application development.

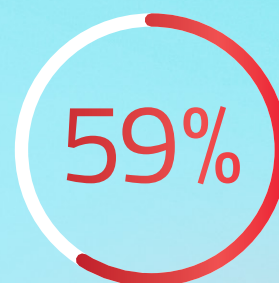
A Radware survey of over 200 IT professionals reveals how APIs have become a serious cybersecurity issue

## A Different Threat Landscape

APIs are the new big threat to application security



say API security is now a "top priority"



want to "invest heavily" in securing APIs in 2021

## Types of Data

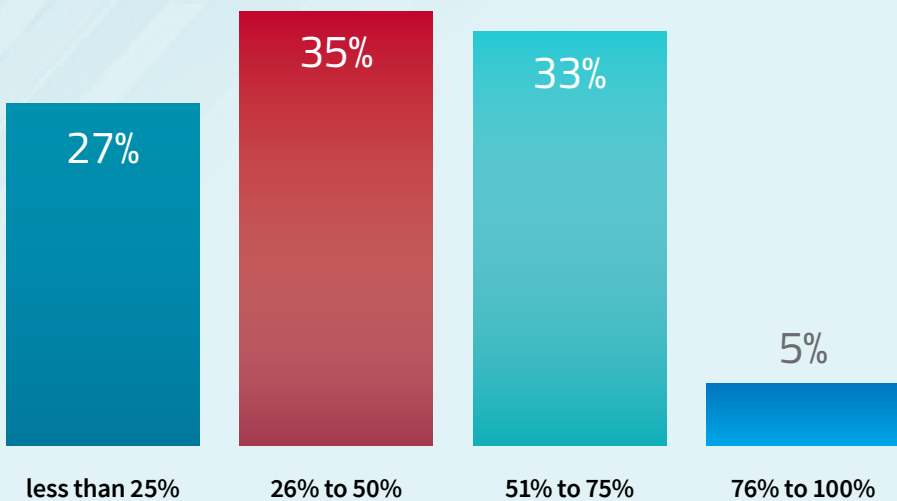
APIs process a wide range of data types, ranging from email addresses to medical records



## Just How Exposed Are You?

The vast majority of applications are exposed to the internet and/or 3rd party services due to APIs.

Percentage of apps exposed to the internet/third-party services via APIs



## API Assaults Are Commonplace

Monthly attacks are as diverse as they are recurring

Top Three API Attack Types

87%

DoS

80%

Injections

74%

Access violations & brute force/credential stuffing (tied)

## A Smarter Approach to API Deployment

Integrating security into application development is critical, but not everybody does it



Only half of organizations fully integrate security into the continuous delivery of APIs

As data and apps migrate to the cloud and developers increasingly rely on APIs to integrate, ensuring security and data integrity becomes more challenging.

Read the 2020-2021 State of Web Application & API Protection Report to learn how to overcome these challenges