The Costs of API Attacks in 4 APAC Countries

This year, Akamai extended its annual survey of API security trends to four of the largest economies in APAC. More than 800 individuals working in AppSec, senior security, and C-suite (CIO, CTO, CISO) roles across eight industries shared insights on the state of API incidents, which include attacks and breaches, and how organizations address them.

API incidents are frequent …

Experienced an API security incident in the last 12 months

83% China

80% Japan

82% India

96% Australia

API incidents are costly …

Average cost of API incidents over 12 months
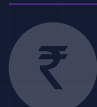
China
CN¥5,687,373
or US$794,386*

Japan
JP¥80,533,468
or US$533,159*

India
₹62,063,515
or US$724,455*

Australia
AU$493,367
or US$310,983*

… but confusion abounds over just how much API incidents cost

	China AppSec teams	China C-suite
	CN¥6,622,503 or US$925,001*	CN¥3,750,897 or US$523,908*

	Japan AppSec teams	Japan senior security pros
	JP¥56,230,846 or US$375,146*	JP¥115,190,000 or US$101,340*

	Australia C-suite	Australia AppSec teams
	AU$639,291 or US$402,954*	AU$308,493 or US$194,447*

	India C-suite	India senior security pros
	₹86,810,479 or US$1,013,332*	₹45,680,814 or US$533,228*

Still, API security is not a top priority everywhere

Top cybersecurity priorities over the next 12 months

China: API security

Japan: (tie) Defending against ransomware & security information and event management (SIEM)

India: Cloud security

Australia: Securing endpoints

API security was ranked as the fourth-highest of 12 priorities in Japan, India, and Australia.

The impacts of API incidents are not just financial

Costs to fix the issue — 29.5%

Increased stress for my team — 29.2%

Loss of customer goodwill and churned accounts — 29.2%

Increased internal scrutiny of our team — 27.4%

Hurt our team's reputation with top leaders and the board — 27.0%

Loss of trust and reputation — 25.8%

Fines from regulators — 23.9%

Loss of productivity — 23.9%

Loss of employee goodwill — 20.7%

There have been no costs and/or impacts — 2.1%

What costs and/or impacts, if any, have API security incidents had on your business? (Respondents from all four countries selected up to three impacts)

*All currency conversions as of March 27, 2025

Access the report for more insights into API security across roles and industries for these four APAC countries, including:

• What your peers identify as the causes of API attacks, including vulnerabilities in the APIs of their GenAI tools

• How your peers do (and don't) factor API risk into their regulatory compliance efforts

• How frequently your peers test their APIs for security vulnerabilities

API SECURITY IMPACT STUDY 2025

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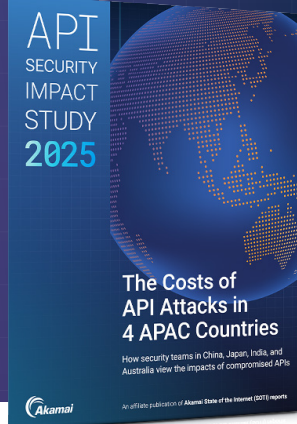
Download the full report

Source: The Costs of API Attacks in 4 APAC Countries 2025