

# WEB ATTACK SURVIVAL GUIDE

The internet has quickly become the frontline in an ongoing battle with industrial espionage, sabotage and cyber terrorism. This results in lost revenue, stolen data, service interruptions and damaged reputations.

Prepare for attack. Follow these 7 rules to protect your organization.

## KNOW YOUR ENEMY



### Understand who might be responsible for the threat

No two hackers are alike. To prepare for an attack, you must understand the attack methods and motivations of the potential enemy you face.

## CREATE A SECURITY RESPONSE TEAM



### Be prepared for the attack when it happens

Establish a response team of IT security personnel. Assign 24-hour coverage to ensure that someone is always available to respond to new threats.

## ASSESS YOUR SYSTEMS



### Locate and test all your applications, databases and servers

Locate your applications, databases and servers and determine which ones contain sensitive data. Scan your systems for critical vulnerabilities and prioritize your efforts based on risk.

## BUILD UP YOUR DEFENSES



### Strengthen security around likely entry points such as web applications and areas of high visibility

Secure your applications. Deploy a web application firewall to stop threats targeting your high-value applications and data assets.

## OUTMANEUVER THE ATTACKER



### Allow your security response team to deploy all the resources needed to mitigate the attack

Monitor and analyze security alerts. Look for unusual activity and attack patterns indicative of a breach. Adjust your policies based on the nature of the attack.

## CALL IN THE PROFESSIONALS



### Leverage the experience of outside sources for an objective opinion of your security protocols

Optionally engage outside security consultants to act as the mercenaries to your defending army. Allow professionals to assess your application infrastructure for weakness and make recommendations for bolstering defenses.

## DEBRIEF YOUR TEAM



### Carry out an effective and measured post mortem of the attack

Review the impact of the attack and account for sensitive data loss, application latency and network downtime. Evaluate the effectiveness of your defenses and implement new protocols to avoid future attacks.

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