

# Trustwave SpiderLabs Open Source Intelligence Testing

## ► MAPPING AN ORGANIZATION'S ATTACK SURFACE

An Open Source Intelligence (OSINT) test provides a window into the public data exposure of your enterprise. This type of testing allows you to see how an advanced threat actor would go about the initial reconnaissance stages that would inform the next steps of a targeted attack.

This test provides you with value by identifying problem areas for data leakage, which you can then work towards reducing. This makes cracking the perimeter of your network more difficult for determined attackers. It also helps prevent opportunistic attacks when hackers are simply looking for an easy win.

### Mapping your Attack Surface

Open Source Intelligence tests can help map the attack surface of an organization. This provides a simplified view of what an attacker will see when deciding which part of your organization to target. This part of the test will enumerate your subdomains and provide stealthy port scanning without ever touching the target.

This process can also help you identify any old or forgotten machines that have been missed from patching, update and testing cycles. If you discover any machines like this, we can also help you with these.

### Targeting the Individual(s)

People are important to your organization and they are your greatest strength, but they can also be your greatest weakness. The entry point for most modern sophisticated attacks is phishing an organization's user(s). We can help you identify which users are most likely to be targeted by phishing attacks. You can then use this information to provide security awareness training or perform mock phishing exercises to gauge their awareness.

Open Source Intelligence tests can also identify which of your employees have been involved in a public data breach. This information can be used to remind these employees of the dangers of password reuse by making them aware that their account has been compromised on another site, thereby making you more secure.

### Benefits of Open Source Intelligence Testing

- Organizations gain several benefits by conducting Open Source Intelligence Testing. These include:
- Understanding your organization's exposure on the Internet and dark web that hackers can use against you.
- Reducing your organizations attack surface.
- Safeguarding staff from spear phishing attacks and Advanced Persistent Threats (APTs).
- Determining if breaches that took place earlier directly affect your organization.
- Gaining actionable advice to increase security maturity and resiliency.