

Penetration Testing Services



The best way to know how intruders will actually approach your network is to simulate a real-world attack under controlled conditions. This documents actual risks posed to your company from the perspective of a motivated attacker.

With Cloud9 Data as your security partner, you can focus your efforts on growing your business and serving your customers.

We understand that each organization faces its own set of challenges and threats. That's why we customize our penetration testing services to align with your specific objectives. This tailored service is designed to rigorously test the systems you deem most critical. Our goal is to provide you with a clear understanding of your vulnerabilities and actionable insights for enhancing your security posture. With our targeted approach, we help you fortify your defenses against the specific threats that matter most to your organization and infrastructure.

Test your defenses and uncover issues

Get an understanding of real-world risks from the attacker's perspective
Our penetration tests simulate real-world attack vectors to provide a point-in-time assessment of vulnerabilities and threats to your network infrastructure and applications.

Quantify and prioritize findings using business-driven criteria – Our post-assessment analysis presents logical groupings of one or more security issues with common causes and resolutions. We provide an actionable findings hat can be used as an overarching workflow plan and tracked within your security organization.

Enable your operations team in tracking the remediation effort – Each finding is categorized according to the relative level of risk posed to your organization.

Penetration testing services:

- Internal and external network testing
- Autonomous testing



METHODOLOGY OVERVIEW

Engagement preparation
and kick off



Reconnaissance and
enumeration



Network surveying
and services identification



Network
penetration testing



Password cracking



Manual application
testing



Root cause analysis



Engagement debrief
and presentation

Why Penetration Testing?

Uncover security weaknesses

Learn whether and how your network is exposed to potential attacks.

Check security controls

Test if the security measures you've put in place are working and effective.

Test security of new applications

Conduct a comprehensive security assessment before the roll-out.

Compliance and best practices

Some regulations such as Payment Card Industry Data Security Standard (PCI DSS) require regular penetration tests. Beyond compliance, many best practice frameworks recommend conducting penetration testing.

Contractual obligations

Larger enterprises require a penetration test as part of doing business with them.

Proven penetration testing services and security expertise to meet unique business needs:

Best practice methodology

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Prioritized responses

Security assessment results contain detailed remediation information and prioritized recommendations aligned to business objectives.

Comprehensive tools and processes

Cloud9 Data uses a combination of proprietary and public tools to gather the most accurate data efficiently.

Customized services approach

Support for boutique engagements aligned with specific objectives, technologies, platforms, or threats.

Risk scoring

Address the top threats that have the greatest potential impact by applying a structured approach.

Learn more about Penetration Testing Services at:
<https://www.cloud9data.com/solutions/cybersecurity/penetration-testing-services>