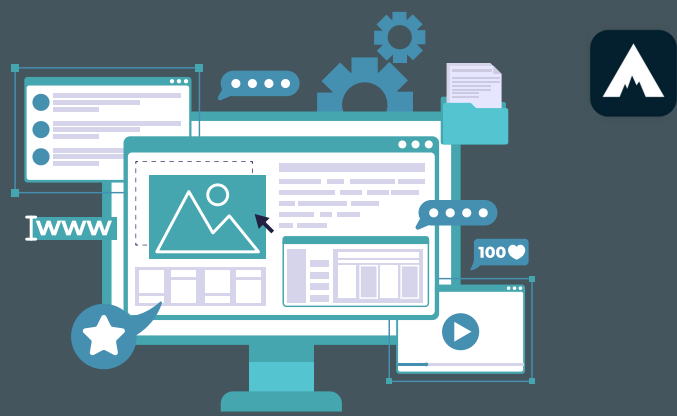


# CLOUD PENETRATION TESTING



As businesses increasingly adopt cloud services for their data storage, computing, and application needs, the need for robust cloud security measures becomes paramount.

Cloud Pentesting helps organizations identify vulnerabilities and weaknesses in their cloud infrastructure, allowing them to proactively address potential security risks and enhance their overall cybersecurity posture.

## WHAT ARE THE BENEFITS?

- **Proactive Security:** Cloud Pentesting helps organizations proactively identify and address security issues, minimizing the risk of potential data breaches and cyber-attacks.
- **Enhanced Incident Response:** Insights gained from Cloud Pentesting allow incident response teams to develop targeted strategies and effectively respond to security incidents.
- **Cost Savings:** Investing in Cloud Pentesting can prevent financial losses resulting from data breaches, regulatory fines, and reputation damage.

**Customer Trust:** Successful Cloud Pentesting demonstrates a commitment to customer data security, fostering trust and loyalty among clients and stakeholders.



Predict



Detect



Protect



Respond



Recover

## KEY EXPLOITED AREAS

Our Cloud External Security Review service is tailored to replicate historical, innovative, and sophisticated attack methodologies. Key areas including:

- Unnecessary and Unintentional Exposure
- Weaknesses or Shortcomings in Services and Applications
- Authentication Processes

## HOW WE DO IT?

Our approach commences by thoroughly understanding your cloud IT environment through interviews and examination of documentation. We then meticulously analyze your cloud system to identify intentional and unintentional exposures.

assess your cloud infrastructure to reduce the potential for unauthorized access.

examine the cloud services and applications utilized in your environment to identify any vulnerabilities or misconfigurations

evaluate the effectiveness of authentication mechanisms in your cloud environment to ensure robust security and prevent unauthorized access.

## ABOUT US

Cypro AB will help you to comply with directives as NIS2 and standards as ISO 27001 with the mission to stay compliant and secure over time. Our top-tier global security assessment team includes experts specializing in red teaming and information security offers unparalleled insight into potential vulnerabilities.

A state-of-the-art Security Operations Center (SOC) enables us to deliver the highest level of security services, actively monitoring and responding to possible threats.

## CONTACT US

<https://cypro.se>  
[Contact@cypro.se](mailto:Contact@cypro.se)



## METHODOLOGY

### ID VULNERABILITIES

Test for vulnerabilities specific to the cloud services being used (e.g., S3 buckets, Azure Blob Storage).

### CONFIGURATION REVIEW

Analyze the configuration settings of cloud services for common misconfigurations.

### ID & ACCESS MANAGEMENT

Evaluate user authentication, Single Sign-On (SSO), and Multi-Factor Authentication (MFA) mechanisms.

### ACCESS CONTROL

Test the effectiveness of Role-Based Access Control (RBAC) and permissions assigned to users and services.

### DATA ENCRYPTION

Review encryption mechanisms for data at rest and data in transit.

### DATA ENCRYPTION

Identify potential data leakage points in the cloud environment.

### WHAT YOU'LL RECEIVE?

Scope meeting

Initiation Activities

Implementation of External Security Audit

A comprehensive report highlighting the vulnerabilities discovered, their severity, and recommendations for remediation.

Follow-up meeting for further action

## READY TO BOOST YOUR CYBER SECURITY

Discover the Power of Protection: Start by reaching out to your trusted Cypro customer contact or connecting with our experienced experts. Together, we embark on a transformative path to fortify your defenses, ensuring your valuable assets remain safe from harm.