Infrastructure
Penetration
Testing >>

Infrastructure Penetration Testing

Let Pentest People measure your security posture through infrastructure Penetration Testing to allow you to manage the identified issues.

Pentest People offer consultant-led **Infrastructure Penetration Testing** to provide a thorough and independent examination of your corporate infrastructure and systems to identify software and configuration based security vulnerabilities.

There are two components to **Infrastructure Penetration Tests** and these are **Internal** and **External** assessments. It is commonplace to combine these into a single test that covers both the internal and external components of the network.

What Are the Risks

IT Security and the associated terminology is a mainstream issue for all businesses due to the reliance business places on its IT systems combined with the prevalence of attacks.

IT Security issues have become commonplace in today's society with almost weekly coverage in the news regarding the latest data breaches with the larger attacks attracting substantial financial penalties.

Various forms of compliance exist that mandate regular **Penetration Testing** as a standard and the risks of not doing anything are widely publicised.

How Can We Help?

Pentest People can help alleviate the risks associated with **IT Security** issued by performing regular Internal and External assessments of your corporate infrastructure to identify the issues and to give you an ability to remediate these before an attacker would exploit.

Pentest People are accredited to **CREST** and **UK NCSC CHECK** standards and can provide infrastructure testing against all types of IT infrastructure used within your organisation.

The service would be delivered as part of the **Pentest People Penetration Testing as a Service (PTaaS)** and full access to the **SecurePortal** and other complementary tools would be provided.

Infrastructure Penetration Testing
can be performed **Internally** within your corporate network or **Externally** over the Internet

There's three ways we can perform an infrastructure Penetration Test.

Internal Penetration Test

An **Internal Penetration Test** is performed by a qualified **Pentest People** security consultant who is onsite within your corporate network.

This type of assessment looks for security issues and vulnerabilities on the inside of your corporate network with the same physical access as a member of staff or other types of employee who has access to the building.

This assessment provides a very comprehensive view of the configuration of your corporate network devices and servers from a security viewpoint of an insider, connected to your network.

External Penetration Test

An **External Penetration Test** is performed by a **Pentest People** security consultant whilst remote from your corporate network.

This type of assessment is concerned with assessing the external, Internet-facing infrastructure of your corporate network. This could be your Firewall, VPN endpoints, Web Servers and Mail Servers etc..

The level of access to these resources would be the same as an external hacker trying to break into your corporate environment so this assessment provides you with a real risk indicator as to your external security posture.

Remote Internal Testing

Traditionally, **Infrastructure Penetration Tests** have been conducted onsite where a **Pentest People Consultant** would visit your office and physically connect to the network infrastructure to perform the assessment.

With the issues faced around the Coronavirus situation, **Pentest People** have released **SecureGateway**, a technology-led alternative to having a consultant visit site.

Pentest People are offering a **Remote Infrastructure Penetration Test** where the whole engagement is performed without the need to visit the customer site.

The client can either download a **Virtual Machine** image that can be installed within the corporate network or be shipped a **standalone network appliance**.

Both solutions create a secure channel to the **Pentest People Operations Centre** where the assigned consultant can then command the image or appliance in the same way as they would if they had their laptop on site.

All data collected during the test is held securely at our **ISO27001 Operations Centre** allowing the consultant to perform the assessment and upload the results to **SecurePortal** for delivery to the customer.