

Penetration Testing

Penetration testing is attempting to gain access to resources without the normal means of access

Used to test the security of a system

There are two types of penetration testing...

Penetration Testing

Malicious insider testing

Using basic access to the network
and some knowledge

e.g. student login trying to access
staff area

External attack Testing

No access to network

Simulates an external hack or cyber
warfare

Penetration Testing

- a **malicious insider penetration test** is to simulate a someone who has knowledge of and basic credentials (a log in etc...) for the target system
- an **external attack penetration test** is to simulate a hacking or cyber warfare attack where the attacker has no knowledge of or any credentials for the target system

Almost half UK businesses suffered cyberattack or security breach last year, figures show

'Simple steps to remove basic weaknesses' would go a long way to protecting key data, expert says

Hayden Smith , Independent Staff | Wednesday 25 April 2018 16:31 |

Britain accuses China of massive programme of industrial espionage

UK News | Published: Dec 20, 2018

| Jeremy Hunt warned that the activities must stop.