



Credential Theft

Security Architecture & Tool Sets

Credential Theft

 Attackers can target users, services, or simply brute force credentials to compromise them







Phishing

 Aimed at stealing credentials by tricking users into clicking on a link in an email and entering their username/password





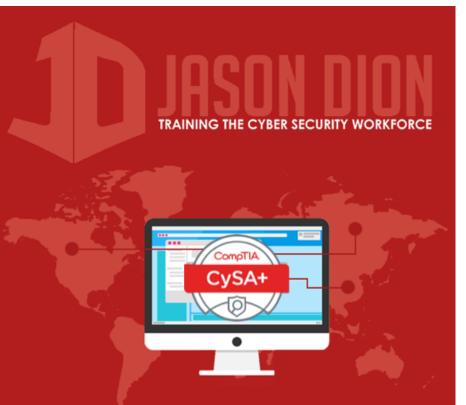


Compromise Other Websites (Password Reuse)

 Aimed at stealing credentials from a less secure server, then reusing them in your organization

 If the other server stored them as MD5 or other weak key stores, it becomes easy to crack the passwords





Brute-Force Attack

 Login using every different combination until you gain access

- Prevent:
 - Limit number of login attempts
 - Use CAPTCHA-style to prevent automation



