



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

