

Exploring SMTP Enumeration



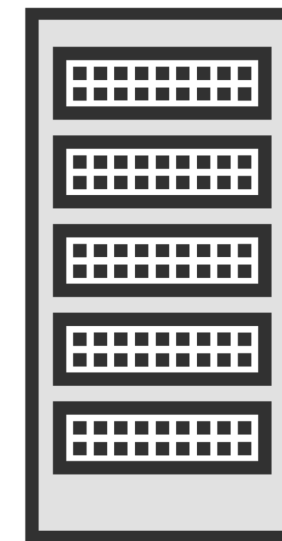
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I read your email

Unknown





What Is SMTP?



Utilizes a store and forward process

Uses MX records via DNS

Uses MTA for routing

Directs how email moves from a computer's MTA to MTA's of other computers

Some proprietary systems use other protocols internally

Ports

25

587 (submission)

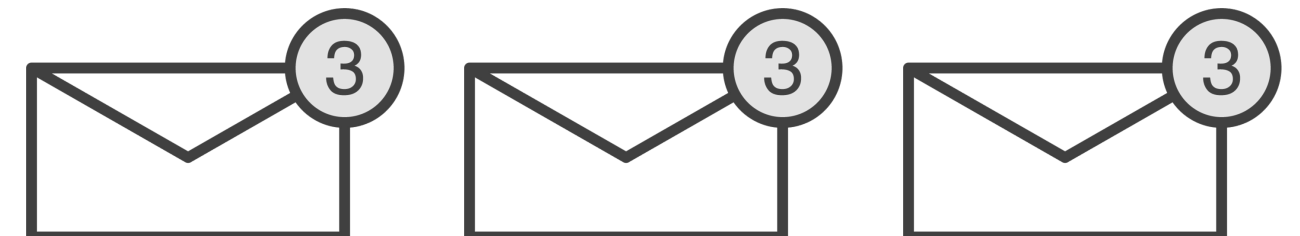
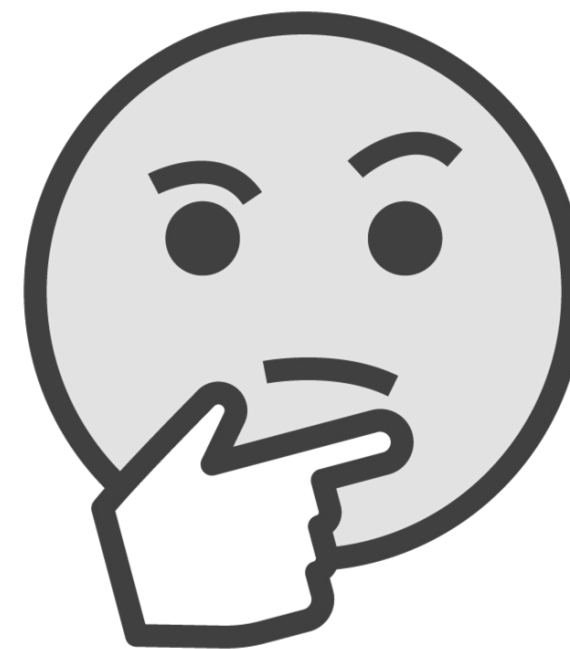
Commands

MAIL FROM
3 RCPT TO

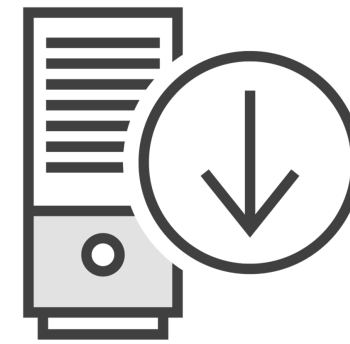
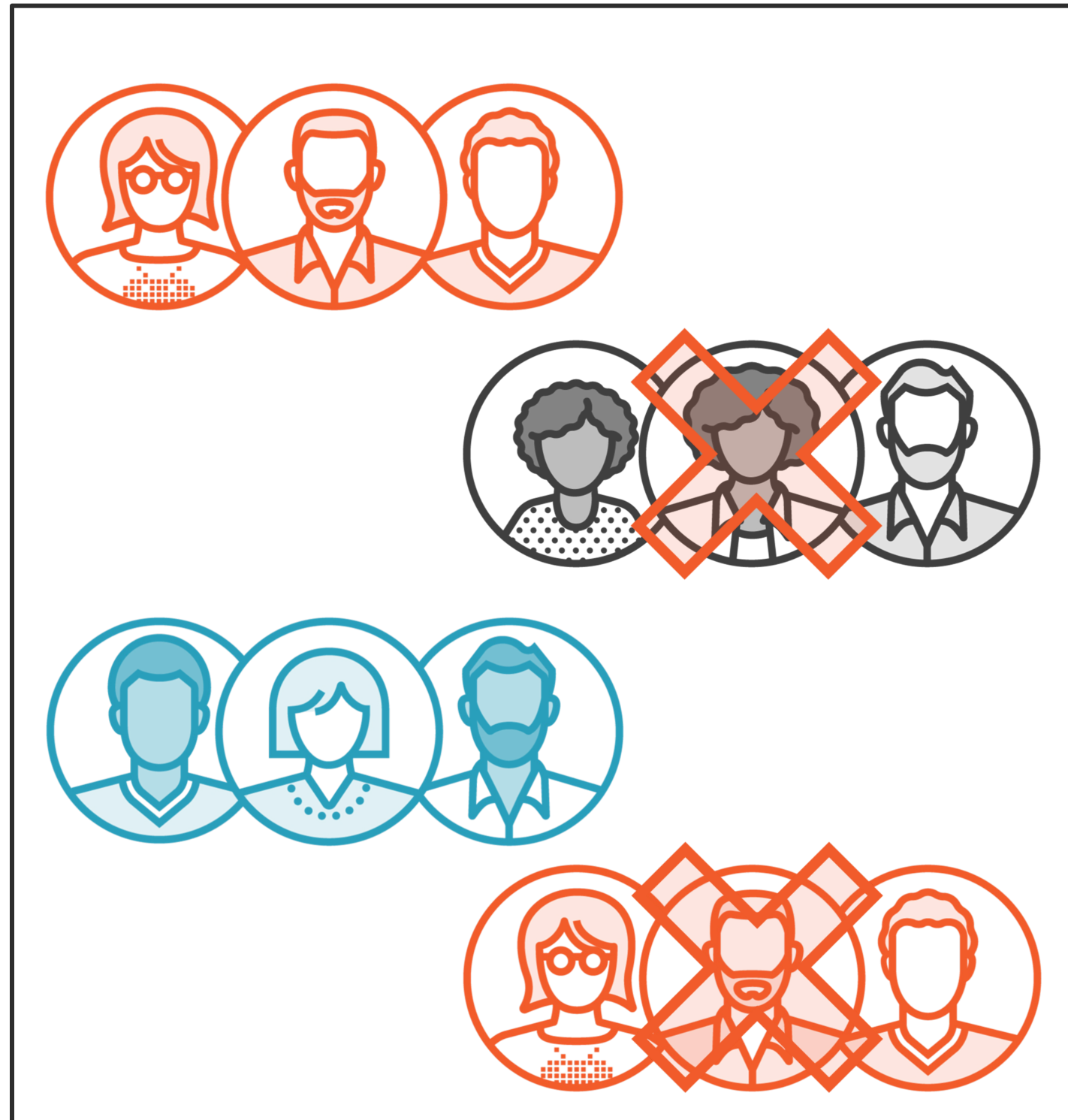
DATA



EXPN



What Do We Learn?



Download a name list



Identify valid users



Used to clean up spam lists

Demo



Using NetScan Tools Pro

Demo



Using smtp-user-enum

Learning Check

Learning Check



VRFY



MX



MTA



smtp-user-enum



Up Next: Employing DNS Enumeration
