Aldel Education Trust's

St. John College of Engineering and Management, Palghar

(A Christian Religious Minority Institution)
Approved by AICTE and DTE, Affiliated to University of Mumbai/MSBTE
St. John Technical Campus, Vevoor, Manor Road, Palghar (E), Dist. Palghar, Maharashtra-401404
NAAC Accredited with Grade 'A'

DEPARTMENT OF COMPUTER ENGINEERING

Lab code: CSL602   **Class:** T.E./COMP/A2 & A3

Course name: Cryptography & System Security Lab

EXPERIMENT 4

Aim: Study the use of network reconnaissance tools like WHOIS, dig, traceroute, ns lookup to gather information about networks and domain registrars [LO2].

Theory:

Following points have to be included:

1. What is network reconnaissance?
2. What is passive reconnaissance? Give some examples.
3. What is active reconnaissance? Give some examples.
4. *Note: When you take snap shots of the executed commands, you are supposed to give brief description of each and every command.*

Implementation:

Students are required to execute below mentioned network reconnaissance commands and take snap shots of command prompt (cmd).

Apart from the below mentioned commands, students are supposed to execute 10 additional network reconnaissance commands.

1)	ipconfig	4)	netstat
2)	ping	5)	nslookup
3)	traceroute	6)	Whois

Conclusion: Please write your conclusion here.

References: Mention your references here.

Viva Questions:

1. Suggest countermeasures for network reconnaissance attack.
2. List some reconnaissance attack tools.
3. What information is needed by an ethical hacker when he/she attempts to gather as much information about a target system?

Faculty In-charge:

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