| NMAP |
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| Module 2 |
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| **Host Discovery List Scan** |
| **nmap -sL <target ip scope>** |
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| Module 2 |
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| **Host Discovery No Port Scan** |
| **nmap -sn <target ip scope>** |
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| Module 2 |
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| **Host Discovery No Ping** |
| **nmap -Pn <target ip scope>** |
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| Module 2 |
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| **Host Discovery TCP SYN Ping** |
| **nmap -PS <target ip scope>** |
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| Module 2 |
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| **Host Discovery TCP ACK Ping** |
| **nmap -PA <target ip scope>** |
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| Module 2 |
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| **Host Discovery UDP Ping** |
| **nmap -PU <target ip scope>** |
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| Module 2 |
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| **Host Discovery ICMP Ping Types** |
| **-PE, -PP, -PM** |
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| NMAP |
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| Module 2 |
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| **OS Detection Port Scan Options** |
| **-sS, -sT, -sF, -Pn, -PS, -PA, -PU, -PY** |
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| NMAP |
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| Module 2 |
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| **OS Detection Scan** |
| **nmap <insert port scan option> -O <target ip scope>** |
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| NMAP |
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| Module 2 |
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| **OS Detection Scan with Additional Options** |
| **-PE, -PP, -PM** |
| **nmap <insert port scan option> -A <target ip scope>** |