Name:

Data Threats /14

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| **B** | **Types of malware** | |
| **6** | | Software which displays advertising |
| **7** | | A computer program which operates by itself |
| **8** | | A large collection of bots, working together |
| **9** | | Malware which disrupts the use of a system until a ransom has been paid |
| **10** | | Modifies operating system to avoid detection |
| **11** | | Gathers and reports data from the host |
| **12** | | Poses as legitimate software and must be installed by the user. Does not self-replicate |
| **13** | | Hidden in an executable and self-replicates |
| **14** | | Malware which self-replicates but does not require an executable file |

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| **A** | **Types of attack** | |
| **Hacking** | | Accessing someone else's data without consent |
| **White hat** | | Hacking but with consent. Generally this is to test for weaknesses and is legal |
| **Grey hat** | | Hacking without consent, and without intent to do damage. |
| **Black hat** | | Hacking with malicious intent |
| **Denial of Service (DoS)** | | An attack which aims to stop a server working by using up all its bandwidth |
| **Pharming** | | Directing a user to a malicious website by an attack on the DNS server |
| **Phishing** | | Directing a user to a malicious website from a bogus email |

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| **A** | **Types of attack** | | |
| **1** | | | Accessing someone else's data without consent |
| **2** | | | Hacking but with consent. Generally this is to test for weaknesses and is legal |
| **3** | | | Hacking without consent, and without intent to do damage. |
| **4** | | | Hacking with malicious intent |
| **5** | | | An attack which aims to stop a server working by using up all its bandwidth. Requests are sent to the server by several different clients at once, sometimes by using a botnet |
|  | | Redirecting a user to a malicious website when the follow a link from a legitimate one | |

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