1. **byte** (noun) – a unit of digital information that most commonly consists of eight bits.
2. **take a bite out of** (phrase) - decrease something by a significant level.
3. **big bang** (noun as a modifier) – relating to the introduction major changes in something.
4. **rash** (noun) - series, succession.
5. **cyberattack** (noun) – a malicious and deliberate attempt by an individual or organization to breach the information system (computer network) of another individual or organization. An attack on an information or computer network as an “attempt to destroy, expose, alter, disable, steal or gain unauthorized access to or make unauthorized use of anything that has value to the individual/organization.
6. **cyberweapon** (noun) – a cyber weapon is defined as a computer program designed to compromise the integrity or availability of data in an enemy’s IT system for military purposes, and a cyber attack is defined as the use of a cyber weapon for offensive purposes.
7. **advent** (noun) – arrival, appearance, emergence.
8. **Stuxnet** (noun) – Stuxnet (2010) is a computer worm that was originally aimed at Iran’s nuclear facilities and has since mutated and spread to other industrial and energy-producing facilities. it exploits multiple vulnerabilities in Windows-based computers that provide an interface to industrial control systems (ICS) that run industrial processes.
9. **centrifuge** (noun) – a high-precision computer-controlled machining equipment used to enrich uranium (separate uranium-235 isotopes).
10. **malware** (noun) – software program designed to damage a computer system.
11. **wipe out** (phrasal verb) – eliminate, abolish, remove (completely).
12. **string** (noun) – series, succession, chain, sequence.
13. **utter** (verb) - say something strongly; voice, express, speak.
14. **Pearl Harbour** (noun) – (figuratively) a sudden attack.
15. **retaliate** (verb) – hit back, counterattack, take revenge.

**Note:**
1. Click each one of the words above for their definition, more synonyms, pronunciation, example sentences, phrases, derivatives, origin and etc from [http://www.oxforddictionaries.com/](http://www.oxforddictionaries.com/).
2. Definitions (elementary level) & Synonyms provided for the words above are my personal work and not that of Oxford University Press. Tentative definitions/meanings are provided for study purpose only and they may vary in different context.
3. This word list is for personal use only. Reproduction in any format and/or Commercial use of it is/are strictly prohibited.
16. **SolarWinds Cyberattack** (noun) – The attack involved hackers, believed to be affiliated with the Russian government, who gained access to the US government and other systems through a compromised update to SolarWinds’ Orion software.

17. **Colonial Pipeline Cyberattack** (noun) - On May 7, 2021, Colonial Pipeline, an American oil pipeline system that originates in Houston, Texas, and carries gasoline and jet fuel mainly to the Southeastern United States, suffered a ransomware cyberattack that impacted computerized equipment managing the pipeline.

18. **the tip of the iceberg** (phrase) – if something is the tip of the iceberg, it is a small part of a much larger issue. This phrase is being used while talking about a problem.

19. **plague** (verb) – bother, disturb, trouble, irritate, worry, annoy, vex.

20. **consensus** (noun) – an idea or opinion that is shared by all the people in a group.

21. **information age** (noun) - digital age; computer age.

22. **breach** (noun) – contravention, violation, breaking, non-compliance.

23. **phishing** (noun) – the fraudulent use of electronic communications to deceive and take advantage of users.

24. **ransomware** (noun) – a type of malicious software cyber criminals use to block you from accessing your own data.

25. **eclipse** (verb) – outdistance, outdo, overshadow, surpass, outclass.

26. **stem from** (verb) - derive from, come from, issue from.

27. **mortality** (noun) – (in a particular time/for a cause) the rate/number of death; death, loss of life.


29. **immune** (adjective) – resistant (from the effects of something).

30. **strategy** (noun) – plan of action (in order to achieve a more expansive set of political, economic, and security interests).

31. **mitigate** (verb) – reduce, diminish, lessen.

32. **illusive** (adjective) - deceptive, unreal, non-existent.

33. **comprehend** (verb) – understand, apprehend, fathom.

34. **hyper-connected** (adjective) – relating to the intense & widespread use of internet & telecommunications networks.

**Note:**

1. Click each one of the words above for their definition, more synonyms, pronunciation, example sentences, phrases, derivatives, origin and etc from [http://www.oxforddictionaries.com/](http://www.oxforddictionaries.com/).

2. Definitions (elementary level) & Synonyms provided for the words above are my personal work and not that of Oxford University Press. Tentative definitions/meanings are provided for study purpose only and they may vary in different context.

3. This word list is for personal use only. Reproduction in any format and/or Commercial use of it is/are strictly prohibited.
35. viz. (adverb) – namely, specifically, in other words.
36. sophisticated (adjective) - knowledgeable, up-to-date, well-versed, well informed.
37. cripple (verb) - damage, impair, erode, weaken, undermine.
38. Ransomware as a service (RaaS) (noun) - a business model for ransomware developers.
39. idle (adjective) - trivial, minor, insignificant, unimportant, worthless, valueless, pointless.
40. prevailing (adjective) - existing, current, prevalent, widespread, extensive.
41. conservative (adjective) - cautious, understated, unexaggerated, moderate, reasonable.
42. backfire (verb) – rebound/boomerang, come back, have an adverse effect.
43. security hole (noun) - software flaw.
44. Multi-factor authentication (MFA) (noun) - an authentication method that requires the user to provide two or more verification factors to gain access to a resource such as an application, online account, or etc.
45. centre stage (noun) – centre of attention, spotlight, public eye.
46. take centre stage (phrase) – to be at the centre of attention; to be in a very important position.
47. gloomy (adjective) - terrible, awful, alarming.
48. prognostication (noun) – prediction, forecast, projection.
49. Advanced Persistent Threats (APT) (noun) - a broad term used to describe an attack campaign in which an intruder, or team of intruders, establishes an illicit, long-term presence on a network in order to mine highly sensitive data.
50. Dark web (noun) – It is a content that exists on encrypted web networks which is not indexable by the conventional search engines.
51. scant (adjective) – little or no, hardly any, meagre.
52. plethora (noun) – a lot, too many, a host of; excess, abundance, surplus.
53. flounder (adjective) – struggle, stagger, stumble, falter.

Note:
1. Click each one of the words above for their definition, more synonyms, pronunciation, example sentences, phrases, derivatives, origin and etc from http://www.oxforddictionaries.com/.
2. Definitions (elementary level) & Synonyms provided for the words above are my personal work and not that of Oxford University Press. Tentative definitions/meanings are provided for study purpose only and they may vary in different context.
3. This word list is for personal use only. Reproduction in any format and/or Commercial use of it is/are strictly prohibited.
54. **protocol** (noun) – procedure, convention; habit, pattern, method, system.
55. **all-encompassing** (adjective) - comprehensive, all-inclusive, intensive, complete, thorough.
56. **geek** (noun) – nerd, expert, techie/genius.
57. **field day** (noun) – chance, lucky chance, good time, golden opportunity, favourable moment, favourable occasion, favourable time.
58. **Secure Access Service Edge** (SASE) (noun) - a security framework prescribing the conversions of security and network connectivity technologies into a single cloud-delivered platform to enable secure and fast cloud transformation.
59. **Cloud Access Security Broker** (CASB) (noun) - cloud-hosted software or on-premises software or hardware that act as an intermediary between users and cloud service providers.
60. **Secure Web Gateway** (SWG) (noun) - a cyberbarrier or checkpoint that keeps unauthorized traffic from entering an organization's network.
61. **Zero Trust Model** (noun) - a shift of network defenses toward a more comprehensive IT security model that allows organizations to restrict access controls to networks, applications, and environment without sacrificing performance and user experience.
62. **segmentation** (noun) – division/separation into a different parts.
63. **Micro Segmentation** (noun) – a network security technique that enables security architects to logically divide the data center into distinct security segments down to the individual workload level, and then define security controls and deliver services for each unique segment.
64. **onus** (noun) – responsibility, duty, burden.
65. **authenticated** (adjective) – verified, validated.
66. **in the face of** (phrase) – despite, notwithstanding, regardless of; when confronted with.
67. **canvas** (noun) – picture, representation, portrayal, depiction.
68. **devise** (verb) - form, formulate, frame, compose, create/develop.

**Note:**
1. Click each one of the words above for their definition, more synonyms, pronunciation, example sentences, phrases, derivatives, origin and etc from [http://www.oxforddictionaries.com/](http://www.oxforddictionaries.com/).
2. Definitions (elementary level) & Synonyms provided for the words above are my personal work and not that of Oxford University Press. Tentative definitions/meanings are provided for study purpose only and they may vary in different context.
3. This word list is for personal use only. Reproduction in any format and/or Commercial use of it is/are strictly prohibited.
69. misplaced (adjective) – misguided, unwise, misconceived, ill-advised, ill-considered, ill-judged.
70. upper hand (noun) – a dominating position.
71. militarization (noun) - the process of giving something a military nature/quality.
72. erroneous (adjective) – wrong, incorrect, inaccurate.
73. generalisation (noun) – concept, idea, notion, thought, theory.
74. proactive (adjective) – farsighted, forehanded, forward-looking, careful/prudent.
75. warrant (verb) – justify, vindicate, validate.
76. reinforce (verb) – strengthen, fortify, bolster up, shore up, buttress, prop up, underpin, support.
77. deterrence (noun) – the act of deterring/stopping someone from doing something.
78. cyberspace (noun) – It refers to the virtual computer world, and more specifically, an electronic medium that is used to facilitate online communication.
79. trade-off (noun) - exchange, replacement, swap/switch, return.
80. play a part/role (phrase) – contribute to, be instrumental in, be a factor in.
81. resilience (noun) – the ability to bounce back quickly from difficulties; strength of character, strength, toughness.
82. decentralised (adjective) – relating to the transfer of the power/control of a department/government from a single place to other locations.
83. hybrid (adjective) – mixed, compound, combined, cross-bred.
84. redundant (adjective) – useless, unnecessary, not required, inessential, unwanted.
85. in the midst of (phrase) – in the middle of.
86. node (noun) – junction, intersection, point (in a network).
87. erosion (noun) – undermining, weakening, deterioration, disintegration.
88. in this day and age (phrase) - nowadays, at the present time, at this time, now, right now, currently, at present, at the present moment.

Note:
1. Click each one of the words above for their definition, more synonyms, pronunciation, example sentences, phrases, derivatives, origin and etc from http://www.oxforddictionaries.com/.
2. Definitions (elementary level) & Synonyms provided for the words above are my personal work and not that of Oxford University Press. Tentative definitions/meanings are provided for study purpose only and they may vary in different context.
3. This word list is for personal use only. Reproduction in any format and/or Commercial use of it is/are strictly prohibited.