









1. Operating System
 Image not found or type unknown
2. shell Unix CLI ..
 Image not found or type unknown
3. GUI (Graphical User Interface)
 Image not found or type unknown
4. (kernel mode) supervisor mode CPU
5. (user mode)
6. (computer architecture) I/O
 Image not found or type unknown
7. SATA(Serial ATA) ATA (Serial Advanced Technology Attachment)
8. (multiplexing)
9. (mainframes)
 Image not found or type unknown
10. (batch system)
11. OS/360 OS/360 IBM System / 360 IBM 1964 System/360
12. (Computer multitasking)
13. (Time-sharing)
14. (Compatible Time-Sharing System)
15. (cloud computing) Internet
 Image not found or type unknown
16. UNIX UNIX
17. UNIX System V UNIX
18. BSD(Berkeley Software Distribution) UNIX
19. POSIX IEEE UNIX API
20. MINIX Minix UNIX
21. Linux Linux
 Image not found or type unknown
22. DOS (Disk Operating System) DOS
23. MS-DOS(MicroSoft Disk Operating System) Intel x86 DOS
 Image not found or type unknown
24. MacOS X macOS Macintosh

[YnaOVA.md.png](#)

Image not found or type unknown

25. [Windows NT\(Windows New Technology\)](#) 1993 32
26. [Service Pack\(SP\)](#) Autodesk
27. [\[\]](#) DRM TPM
28. [x86](#) x86 Intel Intel 8086 8088 16
29. [FreeBSD](#) FreeBSD UNIX FreeBSD
30. [X Window System](#) X X11 X UNIX

[Yna64x.md.png](#)

Image not found or type unknown

31. [Gnome](#) GNOME Linux BSD GNOME
- [YnaL28.md.png](#)

Image not found or type unknown

32. [\[\] \(network operating systems\)](#)
- [YnaTUI.md.png](#)

Image not found or type unknown

33. [\[\] \(distributed operating systems\)](#) CPU
- [Yna75t.md.png](#)

Image not found or type unknown

34. [\[\] \(Program counter\)](#) [\[\]](#) CPU
35. [\[\] \(stack pointer\)](#) [\[\]](#) CPU
36. [\[\] \(Program Status Word\)](#) 8 64
37. [\[\] \(Pipeline\)](#)

[YnabPP.md.png](#)

Image not found or type unknown

38. [\[\] \(superscalar\)](#) CPU CPU CPU
39. [\[\] \(system call\)](#) IO
40. [\[\] \(multithreading\)](#)
41. [CPU \(core\)](#) CPU CPU
42. [\[\] \(Graphics Processing Unit\)](#)

[md0XS.md.png](#)

Image not found or type unknown

43. [YnavrQ.md.png](#)

Image not found or type unknown

44. (cache lines)

45. (cache hit)

CPU

[Ynaxbj.png](#)

Image not found or type unknown

46. L1 cache CPU L1

47. L2 cache: CPU L2 L1 L2 L1

48. L2 cache: CPU L3 L2 L2 L3 L2

49. RAM (Random Access Memory) RAM RAM ROM

50. ROM (Read Only Memory)

51. EEPROM (Electrically Erasable PROM)

52. (flash memory)

53. SSD (Solid State Disks)

[Yndpan.md.png](#)

Image not found or type unknown

54. (virtual memory)

55. MMU (Memory Management Unit)

CPU

[YndSVs.md.png](#)

Image not found or type unknown

56. context switch CPU CPU

57. (device driver) driver CPU

[Ynd95q.md.png](#)

Image not found or type unknown

58. (busy waiting)

59. (Interrupt) interrupt request context switch CPU

60. (interrupt vector) IVT

[YndPP0.md.png](#)

Image not found or type unknown

61. DMA (Direct Memory Access)
62. (Bus) Bus
63. PCIe (Peripheral Component Interconnect Express) PCIe PCI
64. DMI (Direct Media Interface)
65. USB(Universal Serial Bus) ||

YndiGV.md.png

Image not found or type unknown

66. BIOS(Basic Input Output System) YndF2T.md.png

Image not found or type unknown

67. (hard real-time system)
68. (soft real-time system)
69. (Process)
70. (address space)
71. (process tabl|||)
72. (command-line interpreter)

YndkxU.md.png

Image not found or type unknown

73. (interprocess communication)
74. (superuser) root administrator supe
75. (directory) ||
76. (path name)
77. (root directory) |/|indows C D Linux
78. (Working directory)
79. (file descriptor)
80. inode UNIX
81. (shared library) a.out
82. DLLs (Dynamic-Link Libraries) |||.DLL .OCX ActiveX .DRV
83. (clients)
84. (servers)|
85. (client-server) ||C/S

YndEMF.png

Image not found or type unknown

86. (Virtual Machines)

YndVr4.png

Image not found or type unknown

87. Java JVM
88. (object file)
89. C C++ , , ,
90. CPU
91. ECC(Error-Correcting Code)
92. I/O port /
93. I/O MMIO I/O I/O
94. I/O PMIO I/O I/O CPU I/O
95. DMA CPU /

YndZqj.png

Image not found or type unknown

96. DMA DMA CPU
97. (burst mode)
98. (interrupt vector table)
99. (precise interrupt)

- PC
- PC
- PC
- PC

100. (imprecise interrupt)
101. (device independence) DVD USB

YndmZ9.png

Image not found or type unknown

102. UNC N

\\computer\path

UNIX Linux

//computer/path

103. (mounting) CD-ROM

- .04. (Error handling)
- .05. (synchronous) CPU
- .06. (asynchronous) CPU
- .07. (buffering) CPU
- .08. Programmed input-output, PIO CPU ATA
- .09. (polling)

YndnaR.png

Image not found or type unknown
YndnaR.png

- .10. (busy waiting)
- .11. (reentrant)
- .12. (major device number) (minor device number) /
- .13. (double buffering)
- .14. (circular buffer)

Yndul1.png

- Image not found or type unknown
- .15. (Spooling)
 - .16. (Daemon)
 - .17. (logical block addressing, LBA)
 - .18. RAID Redundant Array of Inexpensive Disks

YndMPx.png

- Image not found or type unknown
- .19. MBR(Master Boot Record) MBR

YndQG6.png

Image not found or type unknown

- .20. FCFS (First-Come, First-Served) CPU
- .21. SSF (Shortest Seek First)
- .22. (stable storage)
- .23. (Clocks) timers
- .24. QR Code QR

YndIRK.png

- Image not found or type unknown
- .25. (Video card)

YndJqH.png

Image not found or type unknown

- .26.
- .27. Windows
- .28.
- .29.

Ynd8MD.png

Image not found or type unknown

- .30.

YndGse.png

Image not found or type unknown

- .31.

YndtZd.png

Image not found or type unknown

- .32.
- .33.
- .34. OS
- .35.

-
- .36.
- .37.
- .38.
- .39. hypervisor

YndNdA.png

Image not found or type unknown

- .40. CPU
- .41.
- .42.
- .43.
- .44. I/O
- .45.
- .46.

- .47. (Application Programming Interface, API) API
- .48. (Virtual Machine Interface, VMI) VM
- .49. (Input-output memory management unit, I/O MMU) IOMMU DMA I / O
- .50. (device pass through)
- .51. (device isolation)
- .52. (IAAS (Infrastructure As A Service)) IaaS Internet

Ynddit.png

Image not found or type unknown

- .53. (PAAS (Platform As A Service)) PaaS aPaaS

Ynd0Rf.png

Image not found or type unknown

- .54. (SAAS (Software As A Service))

YndwJP.png

Image not found or type unknown

- .55. (live migration)
- .56. (copy on write) call private copy
- .57. (master-slave)/

YndUII.png

Image not found or type unknown

- .58. (distributed system)
- .59. (LANs, Local Area Networks) LAN
- .60. (WAN, Wide Area Network)
- .61. (Ethernet)
- .62. (bridge) LAN LAN

Yndssg.png

Image not found or type unknown

- .63. (host)
- .64. (router)
- .65. (Connection-oriented service)
- .66. (Connectionless service)
- .67. (quality of service, QoS)
- .68. (acknowledgement packet) ACK
- .69. - (request-reply service)

YndrQS.png

Image not found or type unknown

YndrQS.png

.70. (protocol stack)

YndBz8.png

Image not found or type unknown

.71. IP IPv4 IPv6

.72. (hyperlink)

.73. Web (Web page)

.74. Web Web Internet Web Web

.75. (vulnerability)

.76. (exploit)

.77. (virus)

YndcZj.png

Image not found or type unknown

.78. CIA(Confidentiality, Integrity, Availability)

.79. (cracker)

.80. (portscan)

.81. (botnet)

.82. (domain)

YndyLQ.png

Image not found or type unknown

.83. (salt)

.84. (logic bomb)

.85. (time bomb)

.86. (login spoofing)

.87. (backdoor)

.88. (firewall)

Revision #2

Created 12 March 2022 01:40:29 by

Updated 12 March 2022 01:41:42 by