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Les ports

Ports



Optical Audio "Toslink"



USB A 1.0/1.1/2.0



Firewire 4 pin iLink



Firewire 400 1394a



Firewire 800/3200 1394b/c



Ethernet 8P8C common:RJ-45



Modem RJ-11



Apple Desktop Bus - ADB



Mac Serial



PS/2



Future USB A 3.0



DE-9F



DB-25 Serial/Com Port



DE-9 Serial RS232



e-SATA



Centronics Parallel 36pin



Centronics SCSI 50pin



AT Keyboard



50 pin SCSI 2



Surround sound



stereo/Headphones Line In Mic



Digital Audio RCA plug style



AAUI



Composite Audio/Video



S-Video



Component Video



F-Connector RF/COAX



Parallel Port/SCSI 1/DB-25F



Mac Video/MIDI /gameport/AUI/DA-15



Mini DisplayPort



Mini-DVI



Mini-VGA



Apple Hi-Density Video HDI-45



Apple Display Connector - ADC



LFH60 (dual DVI-D)



DMS59 (dual DVI-D)



HDMI



Micro-DVI



DisplayPort



DVI Video



DE-15/HD-15 VGA/SVGA

Les prises

TYPES OF CABLES AND USB



Les adresse IP

IP Address

=> IP Address from 0.0.0.0 to 255.255.255.255 are classified into 5 classes based on first octet value

Class A	0 - 127
Class B	128 - 191
Class C	192 - 223
Class D	224 - 239
Class E	240 - 255

Private IP Address

Class A - 10.0.0.0 to 10.255.255.255

Class B - 172.16.0.0 to 172.31.255.255

Class C - 192.168.0.0 to 192.168.255.255

0.0.0.0 Network is reserved for default routing.

127.0.0.0 Network is reserved for loop back.

Class D Network are reserved for multicasting.

Class E Network are reserved for Research and Development

IPv4 Addresses and IPv4 Subnetting

by Gokhan Kosem, www.ipcisco.com

CIDR	SUBNET MASK	ADDRESSES	WILDCARD MASK
/32	255.255.255.255	1	0.0.0.0
/31	255.255.255.254	2	0.0.0.1
/30	255.255.255.252	4	0.0.0.3
/29	255.255.255.248	8	0.0.0.7
/28	255.255.255.240	16	0.0.0.15
/27	255.255.255.224	32	0.0.0.31
/26	255.255.255.192	64	0.0.0.63
/25	255.255.255.128	128	0.0.0.127
/24	255.255.255.0	256	0.0.0.255
/23	255.255.254.0	512	0.0.1.255
/22	255.255.252.0	1024	0.0.3.255
/21	255.255.248.0	2048	0.0.7.255
/20	255.255.240.0	4096	0.0.15.255
/19	255.255.224.0	8192	0.0.31.255
/18	255.255.192.0	16384	0.0.63.255
/17	255.255.128.0	32768	0.0.127.255
/16	255.255.0.0	65536	0.0.255.255
/15	255.254.0.0	131072	0.1.255.255
/14	255.252.0.0	262144	0.3.255.255
/13	255.248.0.0	524288	0.7.255.255
/12	255.240.0.0	1048576	0.15.255.255
/11	255.224.0.0	2097152	0.31.255.255
/10	255.192.0.0	4194304	0.63.255.255
/9	255.128.0.0	8388608	0.127.255.255
/8	255.0.0.0	16777216	0.255.255.255
/7	254.0.0.0	33554432	1.255.255.255
/6	252.0.0.0	67108864	3.255.255.255
/5	248.0.0.0	134217728	7.255.255.255
/4	240.0.0.0	268435456	15.255.255.255
/3	224.0.0.0	536870912	31.255.255.255
/2	192.0.0.0	1073741824	63.255.255.255
/1	128.0.0.0	2147483648	127.255.255.255
/0	0.0.0.0	4294967296	255.255.255.255

Classful IPv4 Addresses	
Class A	0.0.0.0 - 127.255.255.255
Class B	128.0.0.0 - 191.255.255.255
Class C	192.0.0.0 - 223.255.255.255
Class D	224.0.0.0 - 239.255.255.255
Class E	240.0.0.0 - 255.255.255.255
Private IPv4 Addresses	
10.0.0.0 - 10.255.255.255	
172.16.0.0 - 172.31.255.255	
192.168.0.0 - 192.168.255.255	
Special IPv4 Addresses	
Local Host	127.0.0.0 - 127.255.255.255
APIPA	169.254.0.0 - 169.254.255.255
Bogon IPv4 Addresses	
0.0.0.0/8	This network
10.0.0.0/8	Private IPv4 Address Block
100.64.0.0/10	Carrier-grade NAT
127.0.0.0/8	Loopback
127.0.53.53	Name collision occurrence
169.254.0.0/16	Link local
172.16.0.0/12	Private IPv4 Address Block
192.0.0.0/24	IETF protocol assignments
192.0.2.0/24	TEST-NET-1
192.168.0.0/16	Private IPv4 Address Block
198.18.0.0/15	Network benchmark testing
198.51.100.0/24	TEST-NET-2
203.0.113.0/24	TEST-NET-3
224.0.0.0/4	Multicast
240.0.0.0/4	Reserved
255.255.255.255/32	Limited broadcast
www.ipcisco.com	

Private address range		
Class	start address	finish address
A	10.0.0.0	10.255.255.255
B	172.16.0.0	172.31.255.255
C	192.168.0.0	192.168.255.255

Public address range		
Class	start address	finish address
A	0.0.0.0	126.255.255.255
B	128.0.0.0	191.255.255.255
C	192.0.0.0	223.255.255.255
D	224.0.0.0	239.255.255.255
E	240.0.0.0	254.255.255.255

HTTP codes status

HTTP Status Codes

When a browser request a service from a web service, a response code will be given.
These are the list of HTTP Status code that might be returned

1XX Information		4XX Client (Continue)	
100	Continue	407	Proxy Authentication Required
101	Switching Protocols	408	Request Timeout
102	Processing	409	Conflict
103	Early Hints	410	Gone
2XX Success		411	Length Required
		412	Precondition Failed
200	OK	413	Payload Too Large
201	Created	414	URI Too Large
202	Accepted	415	Unsupported Media Type
203	Non-Authoritative Information	416	Range Not Satisfiable
205	Reset Content	417	Exception Failed
206	Partial Content	418	I'm a teapot
207	Multi-Status (WebDAV)	421	Misdirected Request
208	Already Reported (WebDAV)	422	Unprocessable Entity (WebDAV)
226	IM Used (HTTP Delta Encoding)	423	Locked (WebDAV)
3XX Redirection		424	Failed Dependency (WebDAV)
		425	Too Early
300	Multiple Choices	426	Upgrade Required
301	Moved Permanently	428	Precondition Required
302	Found	429	Too Many Requests
303	See Other	431	Request Header Fields Too Large
304	Not Modified	451	Unavailable for Legal Reasons
305	Use Proxy	499	Client Closed Request
306	Unused	5XX Server Error Responses	
307	Temporary Redirect		
308	Permanent Redirect	500	Internal Server Error
4XX Client Error		501	Not Implemented
		502	Bad Gateway
400	Bad Request	503	Service Unavailable
401	Unauthorized	504	Gateway Timeout
402	Payment Required	505	HTTP Version Not Supported
403	Forbidden	507	Insufficient Storage (WebDAV)
404	Not Found	508	Loop Detected (WebDAV)
405	Method Not Allowed	510	Not Extended
406	Not Acceptable	511	Network Authentication Required
<i>Compiled by Ivan Tay.</i>		599	Network Connect Timeout Error

Networking Protocols

