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Cheat Sheet

Networking All-In-One For Dummies Cheat Sheet

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Managing a small computer network is well within your reach! But it's vital that you keep track of key information that's unique to your network. This cheat sheet is designed to give you quick access to your network information, explanation of some basic network concepts, such as pin connections and IP address ranges, and a list of useful websites for networking information.

Identifying and Recording Key Network Information

Print out and use these tables to keep track of the key information that allows you to access your network, contact your network administrator, access network storage, use network printers, and keep track of important network servers.

Account Information

My user ID

My password

DON'T WRITE IT HERE!

Domain name

My e-mail address

My Network Administrator

Name

Phone number

E-mail name

Favorite snack food

My Network Drives

Drive Letter	Description
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My Network Printers

Printer Name	IP Address	Description
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My Network Servers

Server Name	IP Address	Description
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Identifying and Recording Key Internet Connection Information

Print out and use these spaces to keep track of key information about your Internet connection, including your Internet service provider, your TCP/IP configuration, and information about your router.

Provider

Company name	_____
Technical-support contact	_____
Technical-support phone number	_____
Website	_____
E-mail address	_____

TCP/IP Information

IP range	_____ to _____
Subnet mask	_____
Default gateway	_____
Nameservers	_____ - _____ - _____

Router Information

✕

Make and model	_____
Internal IP address (LAN)	_____
External IP address (WAN)	_____
Administrator username	_____
Password	DON'T WRITE IT HERE!

Knowing the RJ-45 Pin Connections

If you're wiring up your own RJ-45 connectors for a TCP/IP network, you need this information about the connections to make sure you connect the pins correctly:

- **Pin 1:** White/orange
 - **Pin 2:** Orange
 - **Pin 3:** White/green
 - **Pin 6:** Green
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Identifying Private IP Address Ranges

Private IP address blocks are the IP addresses administrators most often use for private networks. Most networks use IP addresses in one of these ranges:

- 10.0.0.0 to 10.255.255.255
- 172.16.0.0 to 172.31.255.255

- 192.168.0.0 to 192.168.255.255



Useful Websites for Networking Information

As a network administrator, the Internet can your best friend, offering all sorts of great information to help manage your network. Here are some websites for you to visit often.

To register domains:

- **InterNIC:** www.internic.net
- **Network Solutions:** www.networksolutions.com
- **register.com:** www.register.com

To check your TCP/IP configuration:

- **DNSstuff:** www.dnsstuff.com

To see whether your e-mail server has been blacklisted:

- **DNSBL.info:** www.dnsbl.info

Don't forget to check out the standards organizations from time to time and look for the latest networking news and updates. Here are the standards organizations you'll want to check:

- **Institute of Electrical and Electronics Engineers:** www.ieee.org
- **International Organization for Standardization:** www.iso.org
- **Internet Engineering Task Force:** www.ietf.org
- **Internet Society:** www.isoc.org

