How to find and interpret your important network parameters.

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Command Prompt

C:\Users\gregs.INFRASUPPORT>
C:\Users\gregs.INFRASUPPORT>
C:\Users\gregs.INFRASUPPORT>ipconfig/all

Windows IP Configuration

    Host Name . . . . . . . . . . . . : TinaHP100B
    Primary Dns Suffix  . . . . . . . : infrasupport.local
    Node Type . . . . . . . . . . . . : Hybrid
    IP Routing Enabled. . . . . . . . : No
    WINS Proxy Enabled. . . . . . . . : No
    DNS Suffix Search List. . . . . . : infrasupport.local

Ethernet adapter Local Area Connection:

    Connection-specific DNS Suffix  . : infrasupport.local
    Description . . . . . . . . . . . : Realtek PCIe FE Family Controller
    Physical Address. . . . . . . . . : 08-2E-5F-02-2F-6E
    DHCP Enabled. . . . . . . . . . . : Yes
    Autoconfiguration Enabled . . . . : Yes
    Link-local IPv6 Address . . . . . : fe80::7c55:1cd0:5337:458d%13(Preferred)
    IPv4 Address. . . . . . . . . . . : 10.10.10.105(Preferred)
    Subnet Mask . . . . . . . . . . . : 255.255.255.0
    Lease Obtained. . . . . . . . . . : Friday, April 05, 2013 3:27:19 AM
    Lease Expires . . . . . . . . . . : Sunday, April 07, 2013 3:27:19 AM
    Default Gateway . . . . . . . . . : 10.10.10.1
    DHCP Server . . . . . . . . . . . : 10.10.10.11
    DHCPv6 IAID . . . . . . . . . . . : 272423211
    DHCPv6 Client DUID. . . . . . . . : 00-01-00-01-16-21-25-DE-08-2E-5F-02-2F-6E

    DNS Servers . . . . . . . . . . . : 10.10.10.11
    NetBIOS over Tcpip. . . . . . . . : Enabled

Tunnel adapter Local Area Connection* 9:

    Media State . . . . . . . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :
    Description . . . . . . . . . . . : Microsoft Teredo Tunneling Adapter
    Physical Address. . . . . . . . . : 00-00-00-00-00-00-00-E0
    DHCP Enabled. . . . . . . . . . . : No
    Autoconfiguration Enabled . . . . : Yes

C:\Users\gregs.INFRASUPPORT>_
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In Windows 7, the IPv4 Address should uniquely identify your computer in your local network.

The Default Gateway is generally the router between your computer and the Internet. In Infrasupport networks, this is usually the firewall.

The DHCP Server, if present, leased your computer its IPv4 Address. Note when the lease was obtained and when it expires.

Your computer uses the DNS Server to translate names to IP Addresses.

This screen shot was taken from a desktop computer in the Infrasupport network named "TinaHP100B".