01/03/2016 – connecting two PCs

|  |  |  |
| --- | --- | --- |
| **NO.** | **COMMAND LINE** | **EXPLANATION** |
|  | enable | * To enter privileged EXEC mode, or any other security level set by a system administrator, use the **enable** EXEC command |
|  | config terminal | * enter global configuration mode |
|  | interface g <nombor/nombor>  interface s <nombor/nombor/nombor> |  |
|  | ip address <ip address> <subnet mask> |  |
|  | no shutdown | * enables an interface (brings it up). This command must be used in interface configuration mode. It is useful for new interfaces and for troubleshooting. When you're having trouble with an interface, you may want to try ashut and no shut. Of course, to bring the interface down, reverse the command and just say shutdown. This command can be abbreviated no shut. |
|  | copy running-config startup-config  copy run start | * save the configuration that is currently being modified (in RAM), also known as the running-configuration, to the nonvolatile RAM (NVRAM). If the power is lost, the NVRAM will preserve this configuration. In other words, if you edit the router's configuration, don't use this command and reboot the router—those changes will be lost. This command can be abbreviated copy run start. The copycommand can also be used to copy the running or startup configuration from the router to a TFTP server in case something happens to the router. |
|  | show ip interface brief |  |

08/03/2016 – configuring the switch

|  |  |  |
| --- | --- | --- |
| **NO.** | **COMMAND LINE** | **EXPLANATION** |
|  | enable |  |
|  | config terminal |  |
|  | hostname <name> |  |
|  | enable password <password> |  |
|  | line console <number (selalunya ‘0’> | * Configures the console line and starts the line configuration command collection mode. |
|  | login |  |
|  | password <password> | * Establishes a new password or change an existing password for the privileged command level. |
|  | exit |  |
|  | line vty <number> <number> | * To configure the virtual terminal line settings and access line configuration mode, use the **line vty** command in configuration mode |
|  | login |  |
|  | password <password> |  |
|  | enable secret <password> | * Specifies a secret password, saved using a non-reversible encryption method. (If enable password and enable secret are both set, users must enter the enable secret password.) |
|  | service password-encryption | * encrypting password |
|  | banner motd #<message># |  |
|  | interface vlan 1 |  |
|  | ip address <ip address> <subnet> |  |
|  | no shutdown |  |
|  | exit |  |
|  | ip default-gateway <ip address> |  |
|  | exit |  |
|  | copy running-config startup-config |  |

08/03/2016 – configuring telnet to switch/router

|  |  |  |
| --- | --- | --- |
| **NO.** | **COMMAND LINE** | **EXPLANATION** |
|  | enable |  |
|  | config terminal |  |
|  | line vty <number> <number> |  |
|  | password <password> |  |
|  | login |  |