Network Administration/System Administration Homework #3

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Network Administration 1

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(1) On the core switch, ping the ip (gateway) 140.112.31.254 to check if it's working.

(2) Show the arp table and include the ip in (1) to get the corresponding MAC.

(3) Show the MAC address table and include the MAC address in (2) to get the port

(4) Use `show cdp neighbor` to get the edge switch device ID.

(5) Login to the edge switch got in (4).

(6) Repeat the operation in (1)~(4) but replace the ip with 149.112.31.252. Then we can get the port of end user which is not a switch by the command in step (4).

REFERENCE:
(1) [http://www.peters.com/how-to-track-down-what-switch-port-a-device-is-plugged-into-cisco-switches/]
(2) [http://zeropingheroes.co.uk/2014/04/our-network/]

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REFERENCE:
(1) [http://www.cisco.com/c/en/us/td/docs/ios/12_2/security/configuration/guide/fsecur_c/scfpass.html]
(2) [http://www.ibeast.com/content/tools/ciscopassword/]
(3) [http://www.firewall.cx/cisco-technical-knowledgebase/cisco-routers/358-cisco-type7-password-crack.html]