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Problem Statement

Write a user defined python function named netInfo (netInfo()) that will read the property content file named ***ifcfg.conf***. which splits each line into multiple values based on the delimiter (=). convert the splitted data to dictionary and modify the following network parameters like

      onboot *parameter from **no** to **yes***

      bootproto *parameter from **dynamic** to **static***

      defroute *parameter from **yes** to **no***

also **add new entries** to the dictionary like **IPAddress** (IPADDR) and **subnet** (PREFIX) value.

write updated dictionary to a new property file called ***net_ifcfg.conf*** file.

The same write updated dictionary to json file (net_ifcfg.json) format.

In addition, test your working platform is linux or winx.

Create an empty dictionary called netinfo, keep your working os name as a key (ex: netinfo['winx] <or> netinfo['linux']) .

Based on the the os, execute the following commands and append the command results to a list.

Add the command -result-list as value to netinfo dictionary. Also add the netinfo dictionary to existing net_ifcfg.json file.

Linux commands: if add , netstat , nmcli gen

Windows: powershell Get-Netroute , powershell Get-NetIPAddress