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r/linuxquestions



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ordinarytrespasser

Configuring specific interface with a script

Advice

r/linuxadmin • 9 mo. ago

Which command should I use?

What is the best method to configure an interface automatically (using script)? Please note that I'm a beginner sysadmin so please don't be harsh. I need the script to be able to read user input and then pass those arguments (doable using 'read'). Note that the configuration here includes changing the interface-specific IP address, netmask, gateway, and dns server, and ALSO able to remove those specific configuration. It also should be able to target specific interface in case there were many interfaces used in the system.

It's a bit simpler to do this in a Linux with NetworkManager installed (Ubuntu for example) thanks to the nice YAML file. However what I use here is mainly it is for Debian 11. It does not use NetworkManager, rather it uses the classic `/etc/network/interfaces`.

Below are a small portion of the script, the original script included switch-case statements, while loop, and read command for example.

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However what I use here is mainly it is for Debian 11. It does not use NetworkManager, rather it uses the classic `/etc/network/interfaces`.

Debian uses whatever you want it to use. You don't have to use ifupdown if you don't want to use it.



ordinarytrespasser [OP](#) • 9mo ago

I know that. But let me clarify, I just want to not use any other kind of network managing services. Sorry for the lack of clarity.



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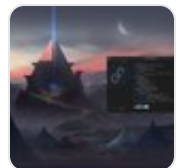
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