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Research

While doing my script and researching what I could put into it to make it work I chose three things that I thought were important and put them into the script, the ip address, the dns, and open ports, I think these are important to a server and that is why I chose to make it and deploy it onto my server.

IP (Internet Protocol) addresses are essential for routing network traffic and allowing devices to communicate with each other on the network. Knowing what the ip is on a network is very important for maintaining server.

DNS (Domain Name System) is a hierarchical and decentralized naming system for computers, services, or other resources connected to the Internet or a private network. It translates human-readable domain names (e.g. example.com) into numerical IP addresses that computers can understand. This allows users to access websites and other resources using easily memorable names instead of numerical IP addresses.

Open ports are network ports that have been opened on a device to allow incoming connections from other devices on the network. Ports are used by network services and applications to listen for incoming connections and communicate with other devices on the network. For somebody that wants to work on the server knowing about what ports are open is important because some open ports can be a security risk.

IP, DNS, and open ports are important for enabling network communication and access to network resources. They are essential for the server to function correctly

Sources

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https://www.cyberciti.biz/faq/how-to-check-open-ports-in-linux-using-the-cli/