



Placement Empowerment Program
Cloud Computing and DevOps Centre

100 Days of DevOps Challenge

Day 04: Script Execution Permissions

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Script Execution Permissions

Objective :

To change the file permissions of the script /tmp/xfusioncorp.sh to 755 on the stapp01 server.

Steps Performed :

- **Log in to the server:** Connect to stapp01 using the command `ssh tony@stapp01.stratos.xfusioncorp.com`.
- **Change file permissions:** Use the `sudo chmod` command to set the permissions to 755.
 - Command: `sudo chmod 755 /tmp/xfusioncorp.sh`
- **Verify the change:** Use the `ls -l` command to confirm the new permissions.
 - Command: `ls -l /tmp/xfusioncorp.sh`
 - The output should show `-rwxr-xr-x` at the beginning of the line, which corresponds to 755.

A screenshot of a terminal window titled "Terminal 1". The prompt is `thor@jumphost ~$`. The user has executed `ssh tony@stapp01.stratos.xfusioncorp.com`. The output shows the authenticity of the host being established, the key fingerprint (SHA256:1QGsw2XBg4L+9VQFAAsbz0DXkLD9dnbZ/m/WytZubZ0), and a warning about permanently adding the host to the known hosts list. The user confirms by typing `yes`. Then, they enter the password `tony@stapp01.stratos.xfusioncorp.com's password:`. Finally, they run `[tony@stapp01 ~]$ sudo chmod 755 /tmp/xfusioncorp.sh`, which completes successfully. Below the terminal output, there are three numbered instructions: #1) Respect the privacy of others., #2) Think before you type., and #3) With great power comes great responsibility. At the bottom, it says "[sudo] password for tony:" followed by the command history: `[tony@stapp01 ~]$ ls -l /tmp/xfusioncorp.sh`, `-rwxr-xr-x 1 root root 40 Aug 8 16:30 /tmp/xfusioncorp.sh`, and `[tony@stapp01 ~]$`.