Test Project

Module A - Linux Environment

Secret Task

IT Network Systems Administration

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Introduction

The NFS file share on the **szx-srv-2** server is a critical service in the Shenzhen office and losing its data would be a serious incident.

Due to the critical nature of this service, your manager has assigned you a task to ensure the company's NFS storage is protected against disk failure.

Secret Task: szx-srv-2

NFS Data Redundency

- Add three additional 1GB virtual disks to szx-srv-2
- Create a software RAID 5 array from the three new disks using mdadm
    - Format the array with ext4 and mount it at /srv/fileshare
    - Any existing content in the file share must be preserved.
- The RAID array and filesystem mount must be persistently configured in fstab to ensure the filesystem is automatically mounted upon reboot
- The NFS export with read-write access from the SZX-CLIENT network must remain fully functional.

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