Guide to Get Backups on Linux and Windows Systems

Objective

Retrieve backup files from a remote server to a local folder named Home/muqsit_backup_06_05_2023/wwf_snowleopard in lab system which is Linux based and for Windows systems create folder in hard drive folder for example E:/ muqsit_backup_06_05_2023/wwf_snowleopard.

For Linux Systems

Prerequisites

1. Ensure you have SSH access to the remote server.
2. Install the required tools (rsync) if not already installed:

Run these commands

- sudo apt update
- sudo apt install openssh-client rsync -y

Using rsync for Efficient Transfers The rsync command is useful for transferring files or directories and resuming interrupted transfers.

To copy a single sql file:

- rsync -av root@<REMOTE_SERVER_IP>:/path/to/ backup_forest_fire_<date of day>.sql

Example:

- forest fire SQL backup: rsync -av root@139.162.11.234:/root/backup_forest_fire_20240211.sql .
- early warning SQL backup: rsync -av root@172.105.121.154:/root/backup_prod_20230926.sql .

To copy a directory (e.g., media files):

- First go to folder in terminal by running this command: cd /Home/muqsit_backup_06_05_2023/wwf_snowleopard/

- rsync -av --delete --partial root@<REMOTE_SERVER_IP>:/path/to/directory/

Example:

- cd /Home/muqsit_backup_06_05_2023/wwf_snowleopard/
- rsync -av --delete --partial root@172.105.121.154:/root/wwf_snow_leopard/media/ .

For Windows Systems

Prerequisites

1. Ensure you have SSH access to the remote server.

Using scp to Copy Files The scp command is simple for transferring individual files.

- First go to folder in terminal by running this command: cd E:/muqsit_backup_06_05_2023/wwf_snowleopard/
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- scp root@<REMOTE_SERVER_IP>:/path/to/ backup_forest_fire_<date of day>.sql /Home/muqsit_backup_06_05_2023/wwf_snowleopard/

Example:

- cd E:/muqsit_backup_06_05_2023/wwf_snowleopard/
- **Forest fire SQL backup**: scp root@139.162.11.234:/root/backup_forest_fire_20240211.sql
- **Early warning SQL backup**: scp root@172.105.121.154:/root/backup_prod_20241118.sql .