Bash Shell Scripting

Scheduling jobs with at and crontab Crontab

Learn how to automate common tasks using bash shell scripting

Cron and Crontab

- Cron is a daemon service runs in the background.
- Cron allows Linux and Unix users to run commands or scripts at a given date and time either once or periodically.
- Simply: Cron is useful to schedule jobs.
- Cron process is having two types of commands to schedule jobs.
- They are:
  - at   (To schedule one-time execution of a task at given time)
  - crontab   (To schedule periodically execution of a task for given interval)

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at command:

- at command is very useful for scheduling one time tasks.
- Example:
  - At command can be useful for shutdown system at the specified time
  - Taking a one-time backup.
- **Commands used with at:**
  - ➢ at : execute commands at specified time.
  - ➢ atq : lists the pending jobs of users.
  - ➢ atrm : delete jobs by their job number.

Thank you