

nohup prog, will start a new child process to and call exec(prog), the parent process will return immediately and leave the child process running with no parent. The init process will become the parent of the child process. The child process will keep running after its original parent exit. The standard output will be redirected to "nohup.output", except stderr.

nohup is a POSIX command to ignore the HUP (hangup) signal. After the user is logout and the shell is terminated, the process is still keep going.

Our nohup is just running without parent, is a zombie process. It's like & in linux shell, if the shell is terminated, it will stop.