

WSL ba

Auto Run

WSL (background) systemd (Auto Run) Windows

- ! Linux (background) Linux Terminal
- ! wsl (auto start) Windows

!

Linux

Linux Terminal

systemd WSL

Linux Terminal

Linux

systemd

Linux

Linux

Stopped

```
C:\Users\[redacted]>wsl -l -v
NAME                STATE      VERSION
* Debian             Stopped   2
Ubuntu-20.04        Stopped   2
AlmaLinux9           Stopped   1
Ubuntu-22.04        Stopped   2
```

Trick

!

Linux (WSL)

(Stopped)

tmux

Linux

1. tmux

```
$ sudo apt install tmux
```

2. tmux 1 session (tmux background)

```
$ nano ~/.bashrc
```

3

.bashrc


```
if ! tmux ls > /dev/null 2>&1; then
    tmux new -d > /dev/null 2>&1
fi
```

```
GNU nano 6.2 /home/██████████/.bashrc *
# Alias definitions.
# You may want to put all your additions into a separate file like
# ~/.bash_aliases, instead of adding them here directly.
# See /usr/share/doc/bash-doc/examples in the bash-doc package.

if [ -f ~/.bash_aliases ]; then
    . ~/.bash_aliases
fi

# enable programmable completion features (you don't need to enable
# this, if it's already enabled in /etc/bash.bashrc and /etc/profile
# sources /etc/bash.bashrc).
if ! shopt -oq posix; then
  if [ -f /usr/share/bash-completion/bash_completion ]; then
    . /usr/share/bash-completion/bash_completion
  elif [ -f /etc/bash_completion ]; then
    . /etc/bash_completion
  fi
fi

if ! tmux ls > /dev/null 2>&1; then
  tmux new -d > /dev/null 2>&1
fi
```



^G Help **^O** Write Out **^W** Where Is **^K** Cut **^T** Execute **^C** Location **M-U** Undo
^X Exit **^R** Read File **^\<** Replace **^U** Paste **^J** Justify **^/_** Go To Line **M-E** Redo

Ctrl+X Y Enter save

3. Linux tmux session

\$ tmux ls

```
██████████@DESKTOP-1AV7VQH:~$ tmux ls
0: 1 windows (created Sun Apr 7 13:57:43 2024)
██████████@DESKTOP-1AV7VQH:~$
```

tmux background 1 session Linux
Linux (Stopped) Linux Terminal

4. Linux Terminal Windows Terminal

```
Command Prompt
Microsoft Windows [Version 10.0.19045.4170]
(c) Microsoft Corporation. All rights reserved.

C:\Users\[redacted]>wsl -l -v
  NAME                STATE      VERSION
*  Debian              Running    2
  Ubuntu-20.04        Running    2
  AlmaLinux9          Running    1
  Ubuntu-22.04        Running    2

C:\Users\[redacted]>
```

Linux Running

Linux Terminal

application & service

systemd

background

!

wsl

Windows

[]

!

linux

(background)

Linux Terminal

wsl

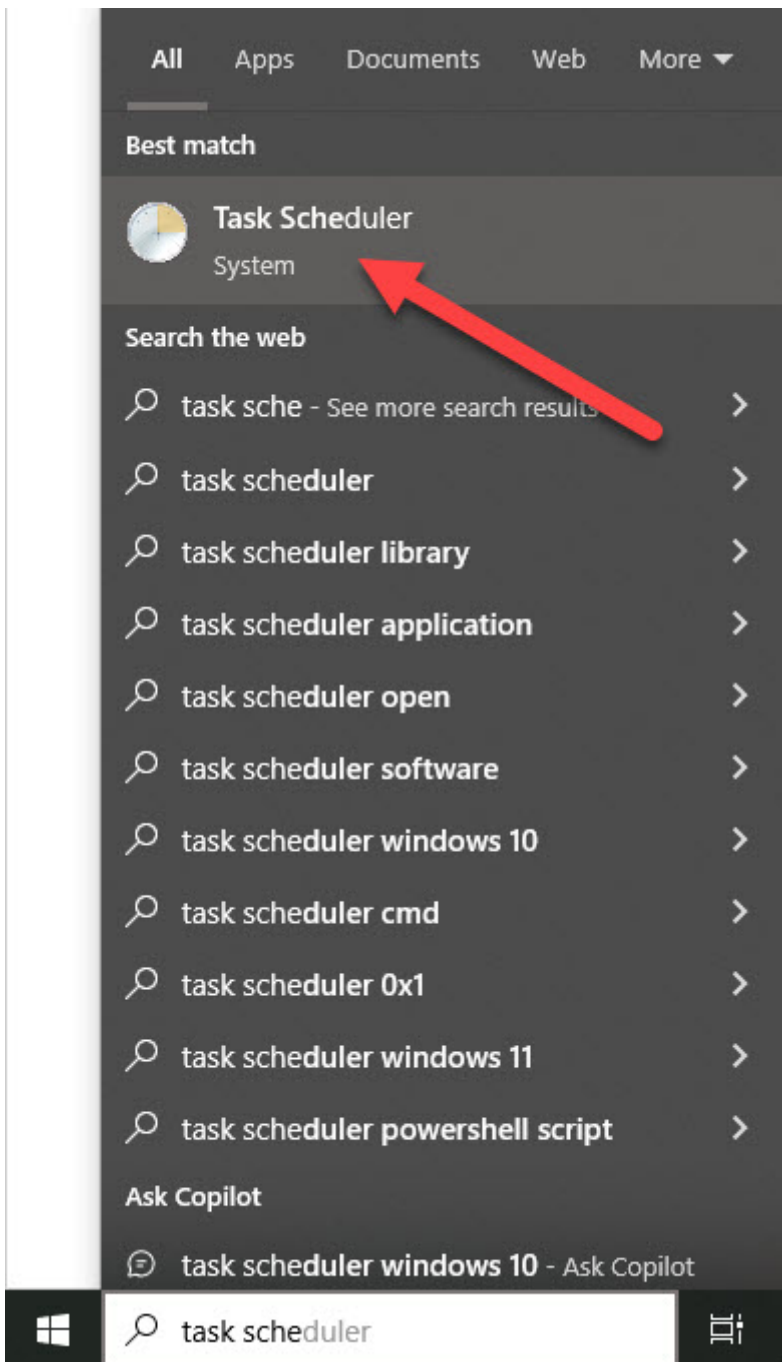
(auto start)

systemd (WSL)

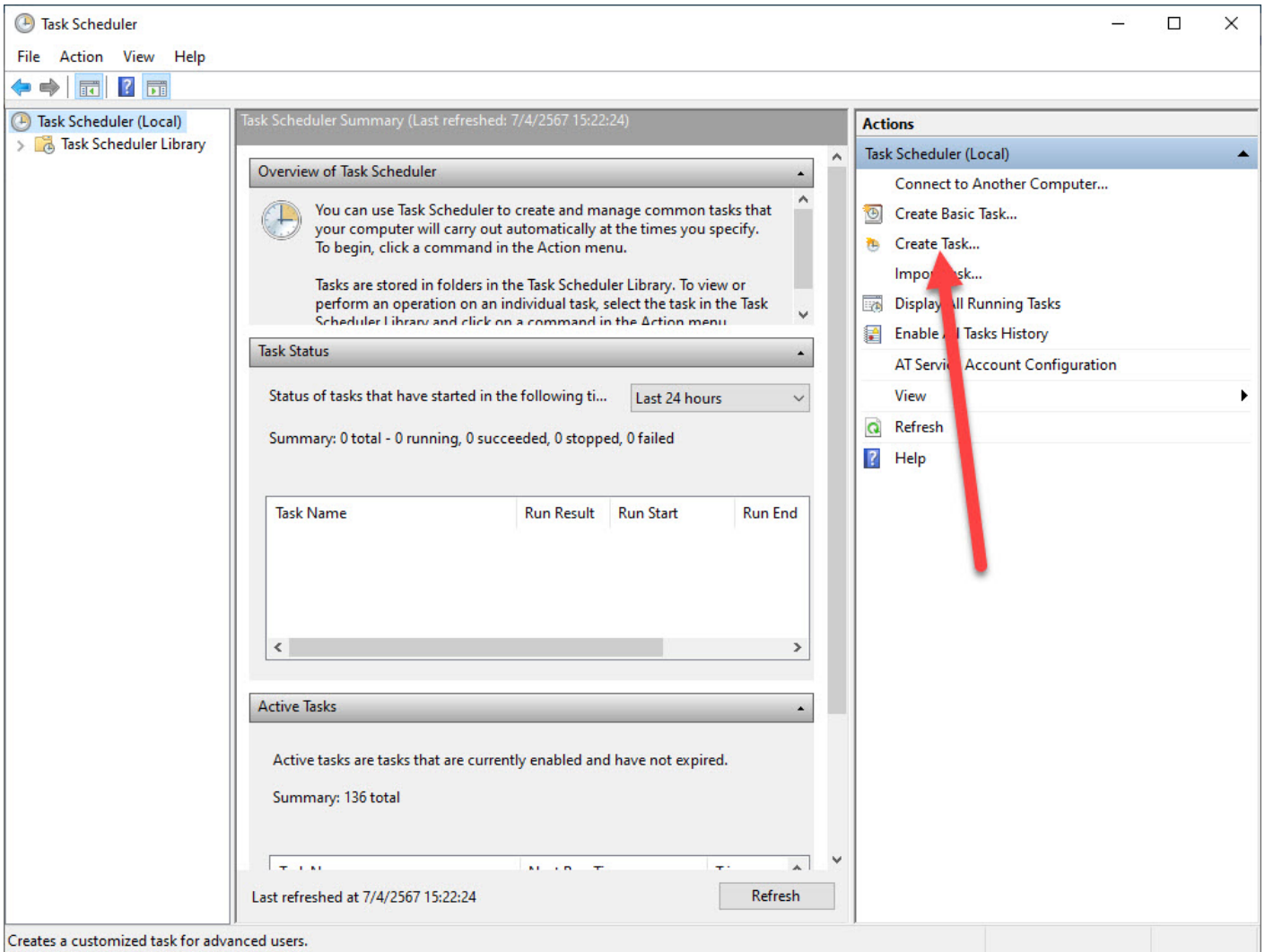
Windows

Task Schedule

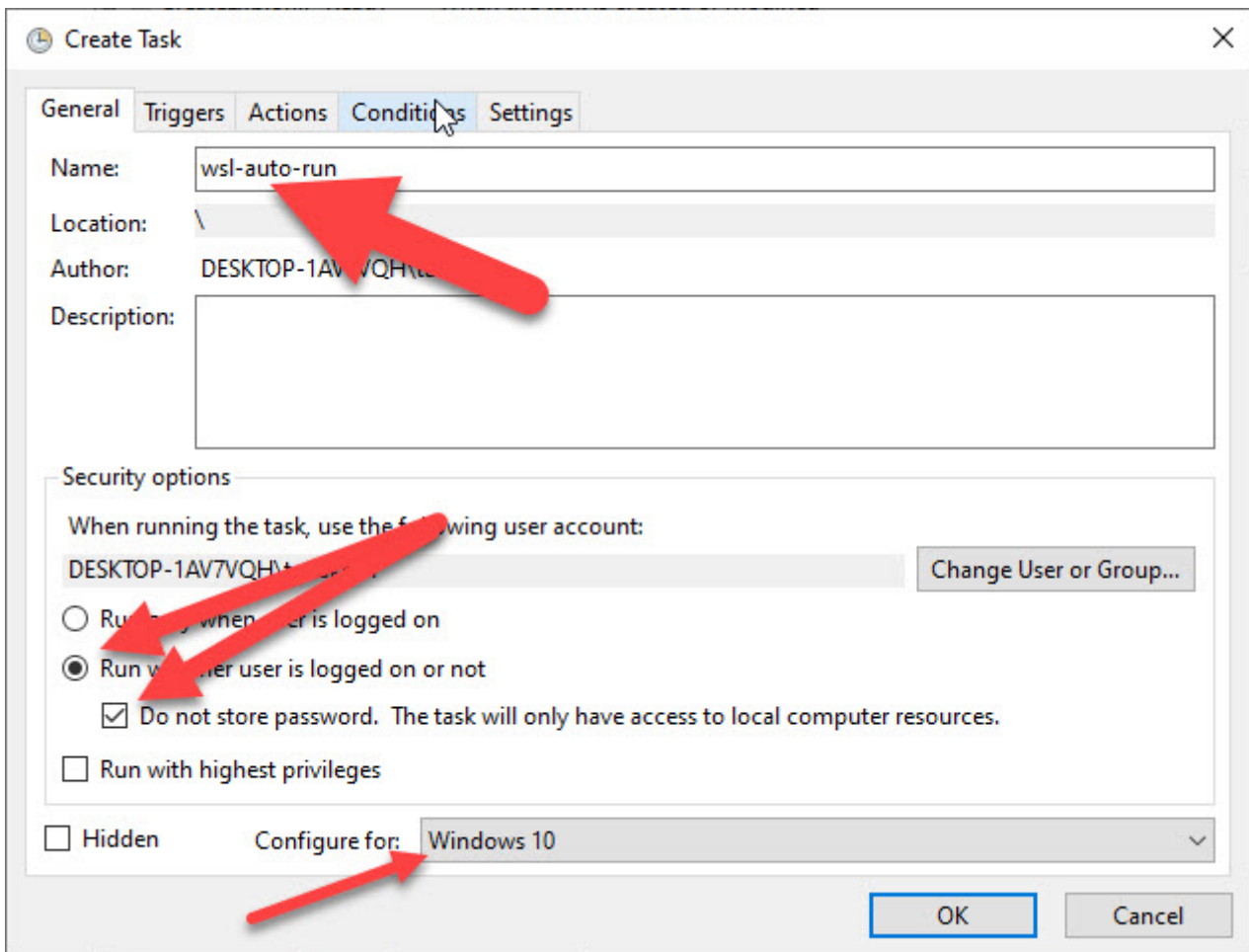
1. Task Schedule



2. Create Task Job



3. General



4. Triggers New

General Triggers Actions Conditions Settings

When you create a task, you can specify the conditions that will trigger the task.

New Trigger ✕

Begin the task: At startup ▾

Settings

No additional settings required.

Advanced settings

 Delay task for: 15 minutes ▾ Repeat task every: 1 hour ▾ for a duration of: 1 day ▾ Stop all running tasks at end of repetition duration Stop task if it runs longer than: 3 days ▾ Activate: 7/ 4/ 2567 ▾ 15:27:30 ▾ Synchronize across time zones Expire: 7/ 4/ 2568 ▾ 15:27:30 ▾ Synchronize across time zones Enabled

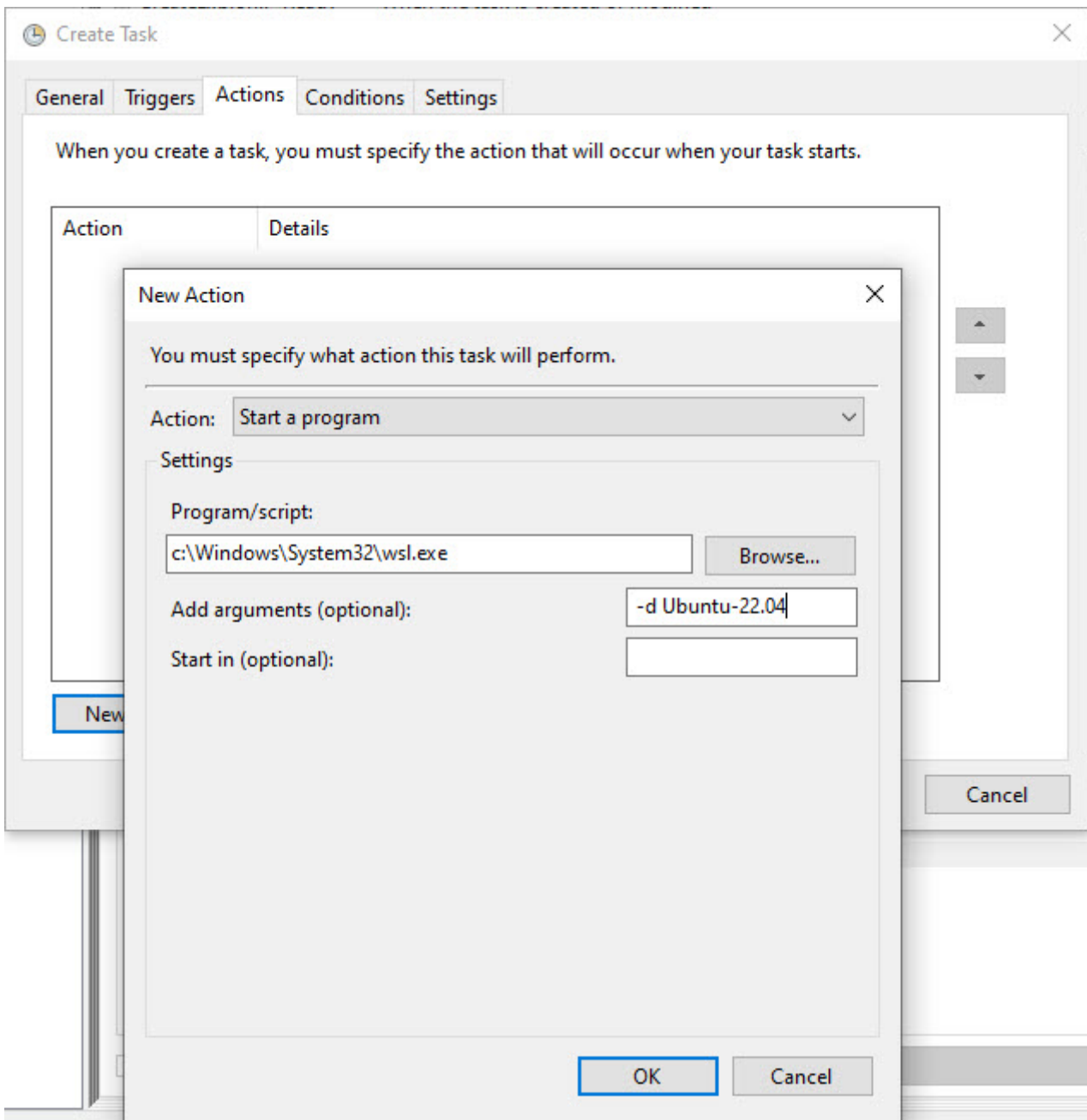
OK

Cancel

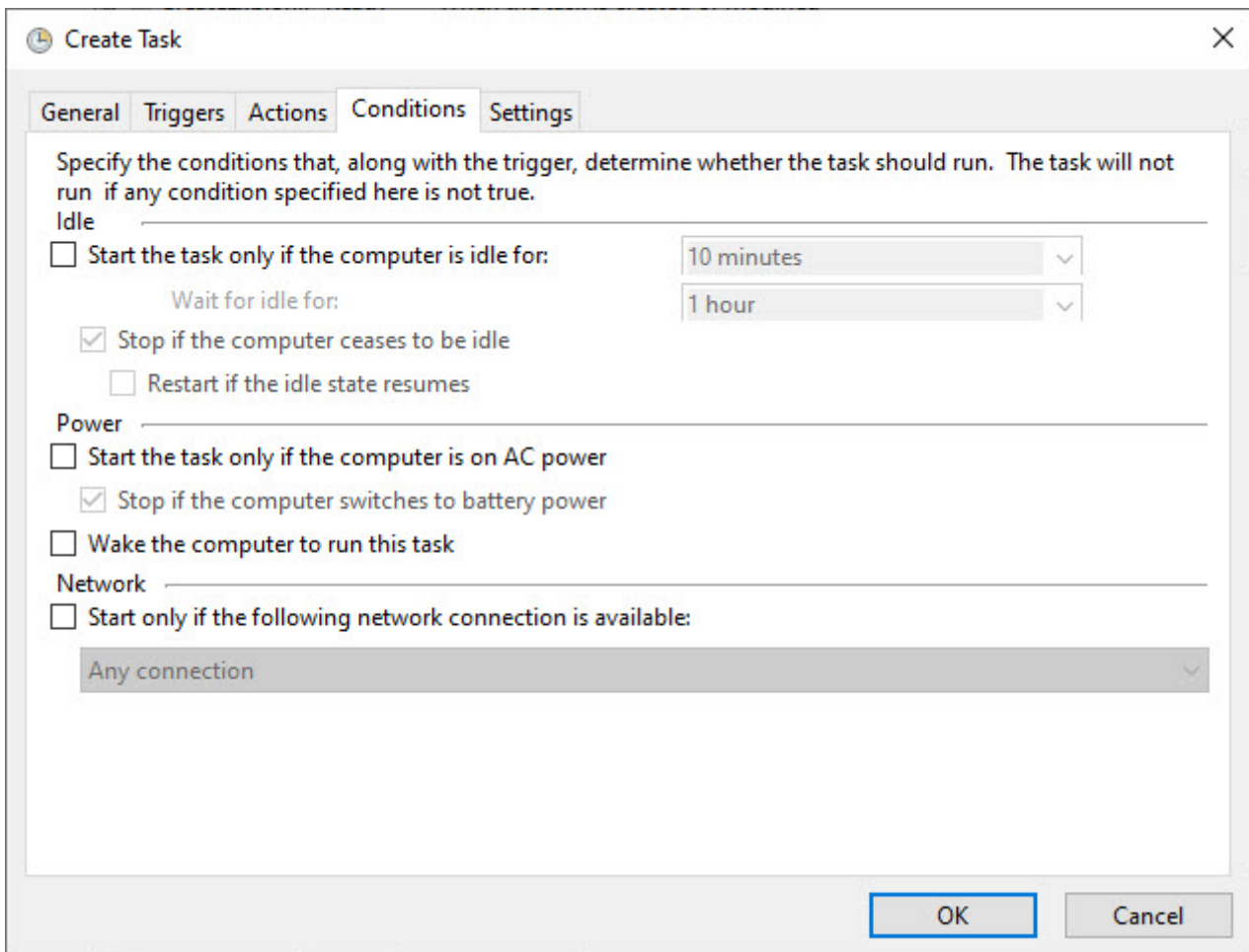
5. Action New Linux distro

C: \Windows\system32\wsl.exe -d Ubuntu-22.04

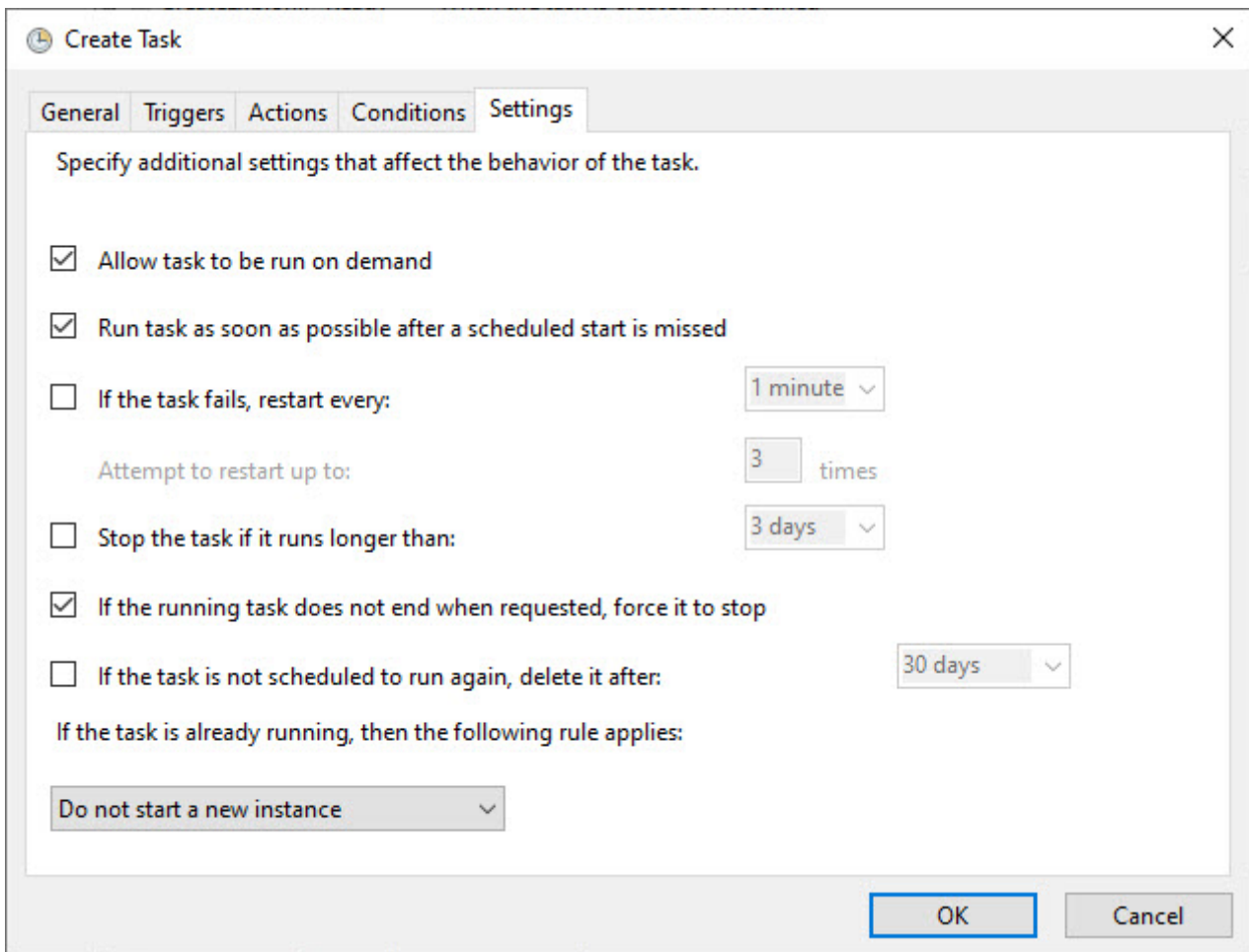
wsl.exe -d Ubuntu-22.04



6. Conditions



7. Settings



OK

8. restart Windows Windows Linux Ubuntu-22.04 Au

```
C:\Users\[redacted]>wsl -l -v
NAME                STATE      VERSION
* Debian             Stopped   2
Ubuntu-20.04        Stopped   2
AlmaLinux9           Stopped   1
Ubuntu-22.04        Running    2
```

application & service systemd