# Window$ Stuff

Things I thought I would never have to look at again but is somehow, quite consistently, forced to tinker with from time to time 🤦

**Disclaimer**: The stuffs I have here are only for my personal note (I got most of them from online resources - kudos to the original resource). If you want to try the same thing based on this, I cannot be held responsible if something goes wrong 😎.

## Get 'Open Command Prompt Here' Option in Windows Explorer

- Windows 7: Hold 'Shift' key while right-clicking on a folder in Windows explorer

## Turn On or Off Guest Account in Command Prompt

In Administrator's command prompt only...

- To Turn On the Guest Account

```
net user Guest /active:yes
```

- To Turn Off the Guest Account

```
net user Guest /active:no
```

## Create Linux Boot Entry on Windows using BCDEdit

- install Linux boot loader to partition boot block
  - save image (e.g. if partition is /dev/sda3):

```
dd if=/dev/sda3 of=linux.bin bs=512 count=1
```

  - copy this file to Windows partition (root of C: drive is best option)
- boot into Windows (I tried this on 7)
  - we will be modifying the boot configuration data
    - to backup:

```
bcdedit /export backup.bcd
```

    - to restore (later?):

```
bcdedit /import backup.bcd
```

- create an entry

```
bcdedit /create /d "Linux" /application bootsector
```

  - note the returned identifier (ID)
- point to partition where the image file is copied (e.g. if drive C)

```
bcdedit /set [ID] device partition=c:
```

- point to file with full path (e.g. if \linux.bin)

```
bcdedit /set [ID] path \linux.bin
```

- position entry at the end?

```
bcdedit /displayorder [ID] /addlast
```

- set 30s timeout, in case not set previously

```
bcdedit /timeout 30
```

- to delete this entry (later?)

```
bcdedit /delete [ID]
```

## More BCDEdit stuffs

On Windows 8.1 (and above?), the Windows Recovery Environment is disabled by default on UEFI systems (helps to boot faster). To get access, enable using BCDEdit:

```
bcdedit /set {default} bootmenupolicy legacy
```

To revert to original settings:

```
bcdedit /set {default} bootmenupolicy standard
```

Do note that we need to run command prompt as Administrator when doing this.

## Remove Services

- Check list of services, type

```
Win+R and run 'services.msc'
```

- Open a command prompt as administrator
- To remove, type (insert double quotes if the name has any whitespace character)

```
sc delete ServiceName
```

- Refresh the list (F5) and it should be gone

## System Event Error

I got this error:

```
Windows could not connect to the System Event Notification Service
service...
```

- open a command prompt as administrator
- type

```
netsh winsock reset
```

  - *note: can also run this to try and fix failing to get ip address*
- restart

## Using diskpart

Disk partitioning utility on Windows is *diskpart* (other than using GUI-based disk manager). It create MBR partition table.

e.g. To create single FAT32 partition in SD card, open command prompt as administrator and run *diskpart*.

1. list all disk

```
> list disk
```

   - identify sd card id <*n*>
2. select sd card

```
> select disk <n>
```

3. list all available partitions

```
> list part
```

4. select partition id *{n}*

```
> select part {n}
```

5. remove selected partition

```
> delete part
```

6. repeat last two steps for each partition found
7. create single partition

```
> create part primary offset=1024
```

- **note** offset value is in kilobytes

8. exit and format as FAT32

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Permanent link:
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