USE

1. Boot into Safe Mode with Network Support (Safe Mode is not required but is strongly recommended)

2. Copy `tron.bat` and the `\resources` folder to the target machine and run `tron.bat` as an**ADMINISTRATOR** (Tron does not work if you don't it run as an Administrator)

3. Wait anywhere from **3-10 hours** (yes, it takes that long)

4. Reboot

By default the log file is at `C:\Logs\tron.log`

Tron will briefly check for a newer version when it starts up and notify you if one is found. Depending how badly the system is infected, it could take anywhere from 3 to 10 hours to run. I've personally observed times between 4-8 hours, and one user reported a run time of 30 hours. Basically set it and forget it.

COMMAND-LINE USE

Command-line use is fully supported. All flags are optional and can be combined. *

```
tron.bat [-a -c -d -e -er -gsl -m -o -p -r -sa -sb -sd -se -sp -sw -v -x] | [-h]

-a   Automatic mode (no welcome screen or prompts; implies -e)

-c   Config dump (display current config. Can be used with other
     flags to see what WOULD happen, but script will never execute
     if this flag is used)

-d   Dry run (run through script without executing any jobs)

-e   Accept EULA (suppress disclaimer warning screen)

-er  Email a report when finished. Requires you to configure SwithMailSettings.xml

-gsl Generate summary logs in the LOGPATH that list removed files and programs

-h   Display help text

-m   Preserve default Metro apps (don't remove them)

-o   Power off after running (overrides -r)
```

```
-p    Preserve power settings (don't reset to Windows default)

-r    Reboot automatically (auto-reboot 15 seconds after completion)

-sa   Skip anti-virus scans (Sophos, Vipre, MBAM)

-sb   Skip de-bloat (OEM bloatware removal; implies -m)

-sd   Skip defrag (force Tron to ALWAYS skip Stage 5 defrag)

-se   Skip Event Log clear (don't clear Windows Event Logs)

-sp   Skip patches (do not patch 7-Zip, Java Runtime, Adobe Flash or Reader)

-sw   Skip Windows Updates (do not attempt to run Windows Update)

-v    Verbose. Show as much output as possible. NOTE: Significantly slower!

-x    Self-destruct. Tron deletes itself after running and leaves logs intact
```
* There is no -UPM flag

SAFE MODE

Microsoft, in their long-standing tradition of breaking useful, heavily-used functionality for no reason, changed how you get into Safe Mode for Windows 8, disabling the traditional F8 method. Tron re-enables the F8 method as part of it's prep tasks (before actually running), but here's how to manually re-enable the old-style boot menu that supports the F8 key. From an admin command prompt, run this command:

```
bcdedit /set {default} bootmenupolicy legacy
```
Reboot and you should now be able to use F8 to select Safe Mode. Note that this command is the same one Tron runs, so if you launch Tron to the menu and then exit, you'll accomplish the same thing.

EMAIL REPORT

To have Tron send an email report at completion, edit this file:

```
\resources\stage_6_wrap-up\email_report\SwithMailSettings.xml
```

Specify your SMTP server, username, and password. After specifying your settings you can use the -er flag to have Tron send the email report. If you used the -gsl flag (generate summary logs) then`tron_removed_files.txt` and `tron_removed_programs.txt` will be attached as well.
Keep in mind the username and password for the email account will be stored in PLAIN TEXT so don't leave it lying around on a system you don't trust.

CHANGE DEFAULTS (advanced)

If you don't want to use the command-line and don't like Tron's defaults, you can change the following default variables. Keep in mind command-line flags will always override their respective default option.

- To change log location, edit these lines:

- `set LOGPATH=%SystemDrive%\Logs`
- `set LOGFILE=tron.log`

- To change where Tron stores quarantined files, change this path (note: this is currently unused by Tron, setting it has no effect):

- `set QUARANTINE_PATH=C:\path\to\your\desired\folder`
- To always run automatically (no welcome screen, implies acceptance of EULA), change this to`yes`:
- `set AUTORUN=no`
- To always do a dry run (don't actually execute jobs), change this to `yes`:
- `set DRY_RUN=no`
- To permanently accept the End User License Agreement (suppress display of disclaimer warning screen), change this to `yes`:
- `set EULA_ACCEPTED=no`
- To have Tron send an email report when finished, change this to `yes`:
- `set EMAIL_REPORT=no`
- To have Tron generate summary logs (listing deleted files and removed programs), change this to`yes`:
- `set GENERATE_SUMMARY_LOGS=no`
- To preserve default Metro apps (don't remove them), change this to `yes`:
- `set PRESERVE_METRO_APPS=no`
- To shut down the computer when Tron is finished, change this to `yes`:
- `set AUTO_SHUTDOWN=no`
- To preserve the power scheme (instead of resetting to Windows defaults), change this to `yes`:
- `set PRESERVE_POWER_SCHEME=no`

- To configure post-run reboot, change this value (in seconds). `0` disables auto-reboot:
- `set AUTO_REBOOT_DELAY=0`

- To skip anti-virus scan engines (Sophos, Vipre, MBAM), change this to `yes`:
- `set SKIP_ANTIVIRUS_SCANS=no`

- To skip OEM debloat, change this to `yes`:
- `set SKIP_DEBLOAT=no`

- To **ALWAYS** skip defrag, regardless whether `C:\` is an SSD or not, change this to `yes`:
- `set SKIP_DEFRAG=no`

- To skip Windows Event Log clearing, change this to `yes`:
- `set SKIP_EVENT_LOG_CLEAR=no`

- To skip patches (don't patch 7-Zip, Java, Adobe Flash and Reader) change this to `yes`:
- `set SKIP_PATCHES=no`

- To skip Windows Updates (don't attempt to run Windows Update) change this to `yes`:
- `set SKIP_WINDOWS_UPDATES=no`

- To display as much output as possible (verbose), change this to `yes`:
- `set VERBOSE=no`

- To have Tron delete itself after running (self-destruct), change this to `yes`:
- `set SELF_DESTRUCT=no`

- There is no -UPM flag