# 4.5.3.0

# Features

- FortressAI
  - Added notifications when a policy violation is reported
    - Integration with Windows Notification Center
  - Added a GUI to view policy notification history
  - Added simulate mode
- Cyber Crucible Core
  - Configurable asynchronous DLL analytics for machines with minimal hardware resources
  - Process creation analytics and telemetry
    - now uses disk persistence
    - removed Windows MiniFilter dependencies
  - Process injections analytics and telemetry
    - now uses disk persistence
    - removed Windows MiniFilter dependencies
  - Removed additional Windows kernel resource dependencies

# Fixes

- Optimization of telemetry reporting for even faster reporting
- Removed deadlock due to exclusive vs shared kernel resource access for a specific kernel resource demanded by Microsoft Defender when Defender enables driver debug mode

# MD5 Hashes

```
service.exe  = 37ba9005bb7dc8a8e5b86670dd02f5dd
CCRRSecMon.sys (Windows10)       = aabc6d7299e2c5da21784f12b8836647
CCRRSecMon.sys (Windows8)        = 678bb0459a74030dcaab19646141fde7
CCRRSecMon.sys (Windows7)        = 07d4c04a12da5979dd8f2d7347669887
```

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