



2. Premium Avast Antivirus



3. Disable SelfDefense Protection from untrusted application



CVE-2020-10861: Arbitrary File Deletion

An issue was discovered in Avast Antivirus before 20.The aswTask RPC endpoint for the TaskEx library in the Avast Service (AvastSvc.exe) allows attackers to achieve Arbitrary File Deletion from Avast Program Path via RPC, when Self Defense is Enabled

CVE-2020-10862: Local Privilege Escalation (LPE)

An issue was discovered in Avast Antivirus before 20. The aswTask RPC endpoint for the TaskEx library in the Avast Service (AvastSvc.exe) allows attackers to achieve Local Privilege Escalation (LPE) via RPC.

CVE-2020-10863: Execute TempShutDownMachine via RPC

An issue was discovered in Avast Antivirus before 20. The aswTask RPC endpoint for the TaskEx library in the Avast Service (AvastSvc.exe) allows attackers to trigger a shutdown via RPC from a Low Integrity process via TempShutDownMachine.

CVE-2020-10864: Execcute Reboot via RPC

An issue was discovered in Avast Antivirus before 20. The aswTask RPC endpoint for the TaskEx library in the Avast Service (AvastSvc.exe) allows attackers to trigger a reboot via RPC from a Low Integrity process.

CVE-2020-10865: Arbitary read/write Stats.ini file

An issue was discovered in Avast Antivirus before 20. The aswTask RPC endpoint for the TaskEx library in the Avast Service (AvastSvc.exe) allows attackers to make arbitrary changes to the Components section of the Stats.ini file via RPC from a Low Integrity process

CVE-2020-10866: Enumerate Network Interface and access points

An issue was discovered in Avast Antivirus before 20. The aswTask RPC endpoint for the TaskEx library in the Avast Service (AvastSvc.exe) allows attackers to enumerate the network interfaces and access points from a Low Integrity process via RPC

CVE-2020-10867: Perform Unauthorized action (task) from untrusted process

An issue was discovered in Avast Antivirus before 20. The aswTask RPC endpoint for the TaskEx library in the Avast Service (AvastSvc.exe) allows attackers to bypass intended access restrictions on tasks from an untrusted process, when Self Defense is enabled.

CVE-2020-10868: Launch Repair app via RPC

An issue was discovered in Avast Antivirus before 20. The aswTask RPC endpoint for the TaskEx library in the Avast Service (AvastSvc.exe) allows attackers to launch the Repair App RPC call from a Low Integrity process.

Demo



Credits:

- Umar Farook: OSCE | Senior Security Analyst | Researcher
- FOS Team : Fools of Security

Support!

 $\label{lem:lemail} \textbf{Email address: umarfarookmech 712@gmail.com\ or\ pingus@fools of security.com}$

Youtube: Fools Of Security

Website: Fools Of Security Community

Reference:

Avast Release Notes

Free - AvastSvc Service (Arbitrary Memory Address Overwrite DOS)

Premium - AvastSvc Service (Arbitrary Memory Address Overwrite - DOS) AvastSvc - Disable SelfDefense Protection from untrusted application

Local Privilege Escalation

Analysing RPC With Ghidra and Neo4 By xpnsec