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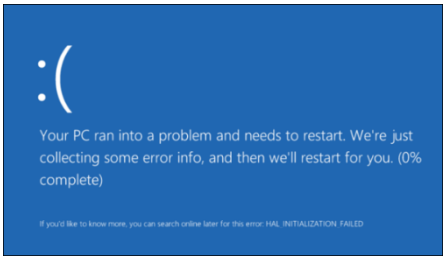
Advanced System Repair Pro

Blue Screen of Death/System Corruption Remediation

Overview

An uncommon, yet significant, issue encountered by Microsoft Windows users is a full system crash, often referred to as a blue screen of death (BSoD). An issue made worse when it's introduced as a result of malware activity. In some cases, the malware itself may display a blue screen error.



Fixing such a fault can vary in difficulty, depending on the source of the problem. If the issue is a corrupt or missing system file, it can sometimes be a case of replacing the file. However, when the cause is malware activity, repairing the fault can be more complex and require the removal of any malicious applications residing, and executing, on the system.

Testing

Platforms	
Windows 10	Windows 8
Intel i7 16GB Memory 1TB Storage	Intel i5 12GB Memory 1TB Storage

Advanced System Repair Pro allows a central point to repair the system. To test this functionality, a test system was exposed to a number of viruses, trojans, and spyware. As a baseline, system files and processes were also manually corrupted in order to induce a blue screen. ASR was then used to attempt to repair the system.

Test Outcome

Each corruption type was successfully detected and repaired by Advanced System Repair Pro. Remediation capability was determined in three areas – removal of the blue screen error, removal of any underlying malware infection, and repair/replacement of corrupted files. In each of these areas ASR scored a 100% success rate.

Platform: *Windows 8*

BSoD Cause	Detected	Repaired	Verified
Virus	✓	✓	✓
Rootkit	✓	✓	✓
Trojan	✓	✓	✓
Corruption	✓	✓	✓

Platform: *Windows 10*

BSoD Cause	Detected	Repaired	Verified
Virus	✓	✓	✓
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Trojan	✓	✓	✓
Corruption	✓	✓	✓

How Does ASR Work?

Where a blue screen of death is encountered, ASR scans will determine the source of the corruption. Where the corruption is the result of malware, it first detects and cleans the residual infection.

The integrity of core system files is then scanned and, should files need replacing, these are downloaded from verified Microsoft servers and automatically installed.

On reboot, ASR will then conduct a secondary scan to verify that the repair is complete.

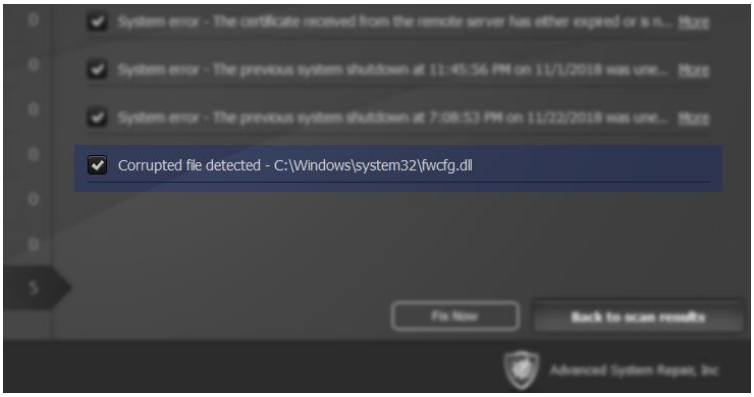
Advanced System Repair Pro – Product Overview

While some system clean-up utilities may focus on a given area, such as driver updates, system registry, or disk fragmentation, ASR provides a complete system repair capability; including a malware detection and removal engine that has, separately to this test, been awarded Checkmark Certification in its own right.

Running of the scan is comparatively fast, especially considering the breadth of areas covered, and results are displayed to the user in a clear and concise manner.

The UI is well designed and permits a good degree of user control and configuration, without becoming a maze of individual option screens and settings.

Aside from making noticeable improvements to the system responsiveness and general performance, ASR also introduced a minimal resource footprint of its own. In contrast to products that clean systems while proving a drain on performance themselves.



Summary

ASR is a complete solution that protects the end user while improving system stability and performance.

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