Virus Bulletin

Covering the global threat landscape

VB100 TEST REPORT

vb 100 VIRUS

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CMC Cyber Security

CMC Malware Detection and Defense

December 20, 2021

Test result
Test passed

Certification
100.00% malware detected

Clean
0.000% false alarms

Diversity
74.80% malware detected

Quick Summary

Product version
v1.5.2021 build 90

Test date:
December 3, 2021

Test methodology
VB100 1.3 `Link`

Test platform
Microsoft Windows 10 Pro N, 64-bit, 10.0.19043

Executive summary

We tested **CMC Malware Detection and Defense** (version v1.5.2021 build 90) on December 3, 2021, on Microsoft Windows 10 Pro N, 64-bit, 10.0.19043, as per the 1.3 version of the VB100 methodology.

The tested product has successfully met the VB100 test criteria.

Test criteria:

- The product must detect at least 99.5% of all test cases in the Certification set (malicious samples).

- The product must not generate more than 0.05% false alarms in the Clean set (legitimate program samples).

Where to find more details

For detailed test results, please consult the rest of the report. You may also find the links below useful for up-to-date information on how to interpret the report data.

- **Report reader's guide** `Link`
  Everything you find in this report, explained.

- **Testing methodology, version 1.3** `Link`
  Learn exactly how we test.

- **VB100 on the web** `Link`
  VB100 news and certified products.

Test sets and product response

The VB100 test uses multiple sets of malicious and clean test cases to verify the ability of the tested product to detect malware, and to do so without generating false alarms for legitimate programs.

AT A GLANCE

CERTIFICATION	CLEAN	DIVERSITY
Description	**Description**	**Description**
Common and prevalent Windows malware recently observed in the the wild.	A random selection of some widely and less widely used legitimate program files.	Assorted malicious Windows executables, including less clear-cut cases and more obscure threats.
Type	**Type**	**Type**
Outcome	**Outcome**	**Outcome**
Pass ✓	**Pass** ✓	**N/A**
Detection rate	False alarm rate	Detection rate
100.00%	**0.000%**	**74.80%**
Best possible outcome: **100.00%** Requirement: >= **99.5%**	Best possible outcome: **0.00%** Requirement: <= **0.05%**	Best possible outcome: **100.00%** Requirement: N/A supplementary

DETAILED TEST RESULTS

Total cases tested	Total cases tested	Total cases tested
1,004	**99,999**	**1,000**
Cases detected	Cases with false alarm	Cases detected
1,004	**0**	**748**
Cases missed	Cases without false alarm	Cases missed
0	**99,999**	**252**

TEST SET COMPOSITION

Windows PE executables	Windows PE executables	Windows PE executables
1,004	**30,411**	**1,000**
Other file types	Other file types	Other file types
0	**69,588**	**0**

Report notes

Report notes contain complementary information that may be of interest to the report reader. Likewise, any extraordinary circumstance—particularly, those that may affect the test results—are recorded in these notes.

During this test, no such notes were generated.

Virus Bulletin Ltd

Manor House, Office 6, Howbery Business Park

Wallingford OX10 8BA, United Kingdom

+44 20 3920 6348

editorial@virusbulletin.com

https://www.virusbulletin.com/

Head of Testing: Péter Karsai

Security Test Engineers: Gyula Hachbold, Adrian Luca, Csaba Mészáros, Ionuţ Răileanu, Bálint Tanos

Sales Executive: Allison Sketchley

Editorial Assistant: Helen Martin