

## Single Product Test



# ESET Smart Security 6.0

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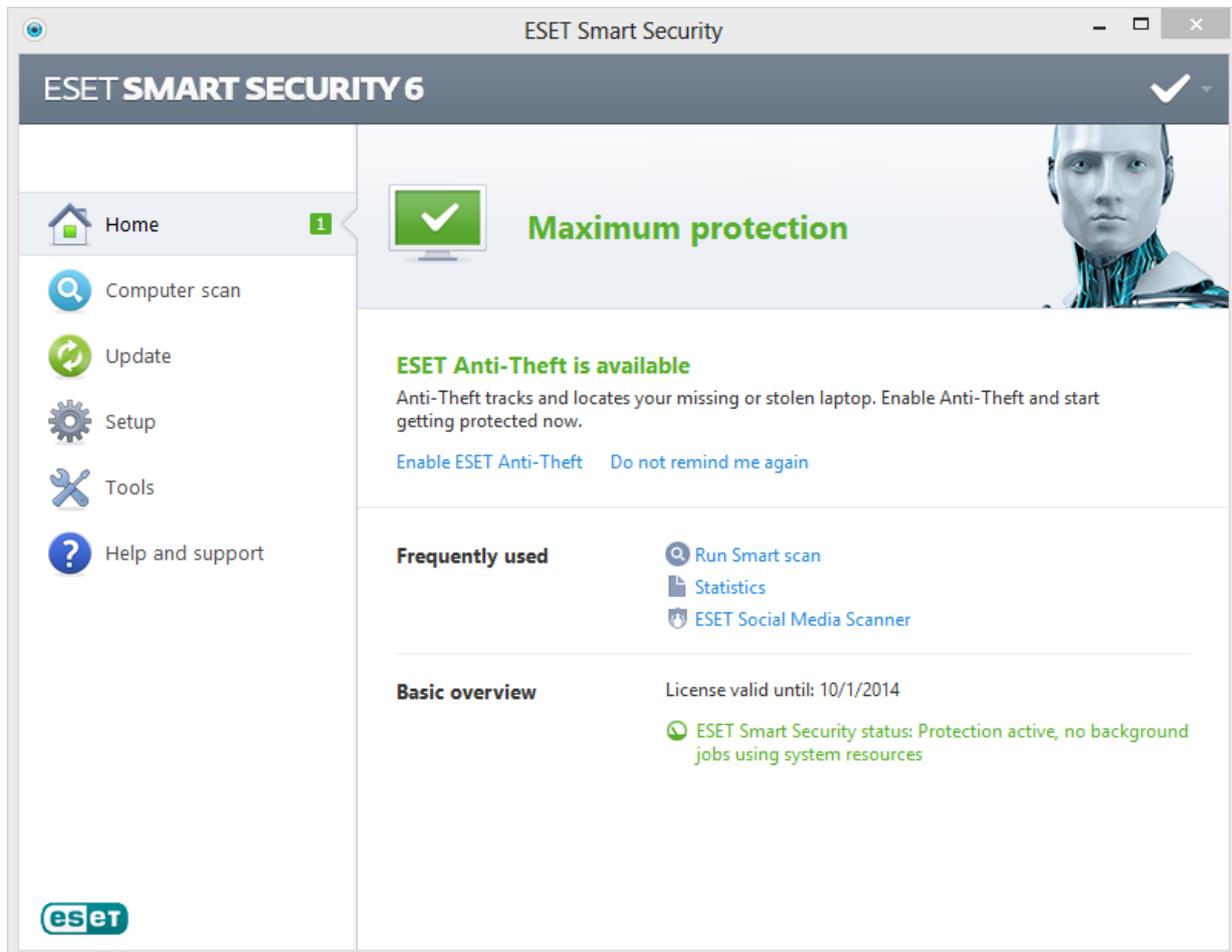
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[www.av-comparatives.org](http://www.av-comparatives.org)

Report commissioned by ESET

## Description

This report was commissioned by ESET to highlight the improvements and new features introduced in the new version. The results of the **Anti-Phishing** and **Malware removal** test shown on the next pages are based on the new version 6.0 (RC).



## New Features:

- **Anti-Theft** (useful for laptops): The solution features an all-new Anti-Theft module, which locates and tracks a missing laptop. Additionally it allows the user to watch and document activity taking place on the device.
  
- **Idle-State Scanning:** Helps towards a better system performance by running in-depth scans when the computer is not in use, helping to detect potential threats before they can cause damage. The feature is turned off when in battery mode to conserve resources.
  
- **Scan While Downloading Files:** This feature decreases scanning time by checking specific file types already during the download process.

## Improved Features:

- **Anti-Phishing:** the previous version of ESET did not have dedicated Anti-Phishing capabilities. Due to this, the previous version achieved with its URL-filtering feature only a block rate of about 58% against phishing websites. The new 6.0 version includes a dramatically improved Anti-Phishing protection. In a test done by AV-Comparatives in parallel in July 2012, the improved score was already at about **94%**<sup>1</sup>.
- **Malware Removal:** the cleaning capabilities in the new 6.0 version have been improved. In a test done by AV-Comparatives, a score of **86** (compared to a score of 76 of version 5) has been achieved for the malware removal<sup>2</sup>.
- **Heuristics:** the sensitivity level of the Advanced Heuristics has now been further increased also supporting on-access scanning in the default configuration (previously used only in on-execution and on-demand scans), in order to better protect against new/unknown malware<sup>3</sup> while maintaining very low false alarm rates<sup>4</sup>.
- **Cloud-based Reputation of Files:** by using the cloud-based reputation of files, new threats are discovered faster by the ESET malware research lab. Furthermore, thanks to extensive whitelisting over known clean files, the scanning is faster and the performance impact in general is kept low<sup>5</sup>.
- **Personal Firewall and Parental Control** (only included in ESET Smart Security, not included in ESET NOD32 Antivirus): the Personal Firewall blocks unauthorized access to the computer and prevents exploitation of sensitive data. Parental Control allows blocking content based on predefined categories according to age group: child, teenager, and parent. The password-protected settings prevent modification and unauthorized product uninstallation.

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<sup>1</sup> [http://www.av-comparatives.org/images/docs/avc\\_aph\\_201207\\_en.pdf](http://www.av-comparatives.org/images/docs/avc_aph_201207_en.pdf)

<sup>2</sup> [http://www.av-comparatives.org/images/docs/avc\\_rem\\_201211\\_en.pdf](http://www.av-comparatives.org/images/docs/avc_rem_201211_en.pdf)

<sup>3</sup> [http://www.av-comparatives.org/images/docs/avc\\_beh\\_201207\\_en.pdf](http://www.av-comparatives.org/images/docs/avc_beh_201207_en.pdf)

<sup>4</sup> [http://www.av-comparatives.org/images/docs/avc\\_fdt\\_201209\\_en.pdf](http://www.av-comparatives.org/images/docs/avc_fdt_201209_en.pdf)

<sup>5</sup> [http://www.av-comparatives.org/images/docs/avc\\_per\\_201210\\_en.pdf](http://www.av-comparatives.org/images/docs/avc_per_201210_en.pdf)

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