PreEmptive

PreEmptive Application Tamper Defense

Fact Sheet

Reverse Engineering and Application Tampering

This fact sheet outlines the essential capabilities of PreEmptive's tamper detection and defense services. Best practices dictate that organizations with a requirement to prevent reverse engineering are most likely to share a related requirement to defend against application tampering. It is for this reason that every Dotfuscator Professional license bundles our patented obfuscation technologies with Tamper Defense.

Effective Application Risk Management

PreEmptive's core mission is to protect, manage and increase the value of our clients' application investments. As with any mature risk management solution, we offer a combination of preventative controls such as obfuscation to minimize likelihood of reverse engineering or tampering and detective controls such as Tamper Defense to further harden your application and ensure a rapid and effective organizational response should a tampering incident occur.

Application Tamper Detection and Defense

Dotfuscator Professional's Tamper Defense injects tamper detection and tamper defense logic into your applications. The following summarizes the essential features and best practices:

Bundled with Dotfuscator Professional - No additional license or service fees are required

Flexible Implementation Options - Use custom attributes or Dotfuscator UI post-build

Detection Includes all Components - Third party libraries, non-obfuscated code, etc. are all checked

Tamper Defense Can be Custom Code - Dotfuscator will inject any method specified or a default exit

Optimization "Shrinks and Links" - Dotfuscator linking and pruning hide and compress logic

Know Who Has Tampered and Where

Leveraging geolocation technology, see the domain and geographical location of where tampered applications are running. Sort your tampers by domain to see if any high profile customer domains show up.

Defend Against Tampering

Obfuscation is not foolproof. Force your application to shut down or act erratically when it has been tampered with.

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