

# Reconstruction of Data Type in Obfuscated Binary Programs

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**Abstract-** *Recently, research community has advanced in type reconstruction technology for reverse engineering, but emerging with obfuscate technology, data type reconstruction is difficult and obfuscated code is easier to be monitored and analyzed by attacker or hacker. Therefore, we present a novel approach for automatic establish data type inference rules and reconstruct type from obfuscated binary programs using machine learning algorithm.*

**Keywords-** *Binary Analysis, Type reconstruction , Obfuscated Binary , Reverse Engineering*

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