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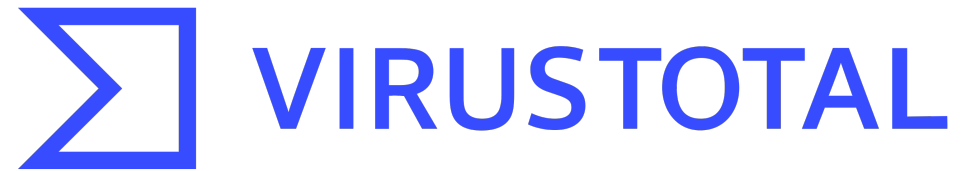
Dependability and Secure System 2025

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Introduction



Starting from VirusTotal analysis and integrating it with MobSF we classified our samples as:

- **FakeBank** (4 samples)
- **Locker** (1 sample)

We performed both **Static** and **Dynamic** Analysis

Fakebank Family



The four analyzed **Malware** samples are **Trojan bankers** designed to mimic legitimate banking apps. In reality, they steal sensitive user information such as phone numbers and banking credentials. Additionally, they intercept all incoming SMS messages to capture one-time passwords (OTPs) sent by the bank.