

## **MUDDY WATER**



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MuddyWater, an Iran-linked APT active since 2015, conducts espionage and influence operations. High risk, it uses phishing and credential theft with open-source tools, mainly targeting government, telecom, defense, and NGOs in the Middle East, Europe, and North America.

Attribution

: At least 2015. **Active Since** 

: Earth Vetala, ATK51, Seedworm, COBALT ULSTER, TA450, Static Kitten, Mango Sandstorm, MERCURY, G0069, Boggy Serpens, TEMP.Zagros. Aliases

Motivation

TTPs

**Initial Access** 

public-facing applications.

: Use of legitimate administrative tools, registry modifications, and long-term compromised Persistence

Command & Control (C2)

Malware & Tools

Techniques

TARGET PROFILE

: Government, telecom, defense, academia, NGOs, and energy infrastructure. Target Sectors

Geographies Targeted : Middle East (notably Israel, Saudi Arabia, and regional rivals), Europe, and North America.

THREAT ASSESSMENT

Risk Level

: Active through 2024–2025 with phishing and credential theft campaigns, often leveraging open-source frameworks and legitimate tools. Most Recent Activity

: Transitioned from basic spear-phishing operations to more stealthy intrusions involving custom malware and broader regional and global targeting. Evolution

## **OPERATIONS**

2017-2018: Conducted phishing attacks against telecom and government organizations in the Middle East.

2019: Expanded targeting to include academia and NGOs in Europe.

2020: Deployed malicious PowerShell scripts and open-source frameworks for espionage campaigns.

2021: U.S. Cyber Command issued warnings about MuddyWater's use of open-source tools for credential theft.

2022: Increased focus on defense and energy sectors in Israel and Saudi Arabia.

2023: Expanded targeting to North American research institutions and European government entities.

2024-2025: Active phishing and espionage campaigns using repurposed open-source malware and custom tools across Europe, North America, and the Middle East.