

BOLDMOVE, Software S1184 | MITRE ATT&CK®

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Domain	ID	Name	Use
Enterprise	T1071 .001	Application Layer Protocol: Web Protocols	BOLDMOVE uses web services for command and control communication. ^[1]
Enterprise	T1059 .004	Command and Scripting Interpreter: Unix Shell	BOLDMOVE is capable of spawning a remote command shell. ^[1]
Enterprise	T1554	Compromise Host Software Binary	BOLDMOVE contains a watchdog-like feature that monitors a particular file for modification. If modification is detected, the legitimate file is backed up and replaced with a trojanized file to allow for persistence through likely system upgrades. ^[1]
Enterprise	T1543	Create or Modify System Process	BOLDMOVE can free all resources and terminate itself on victim machines. ^[1]
Enterprise	T1573 .002	Encrypted Channel: Asymmetric Cryptography	BOLDMOVE uses the WolfSSL library to implement SSL encryption for command and control communication. ^[1]
Enterprise	T1480	Execution Guardrails	BOLDMOVE verifies it is executing from a specific path during execution. ^[1]
Enterprise	T1190	Exploit Public-Facing Application	BOLDMOVE is associated with exploitation of CVE-2022-49475 in FortiOS. ^[1]
Enterprise	T1083	File and Directory Discovery	BOLDMOVE can list information of all files in the system recursively from the root directory or from a

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			specified directory. ^[1]
Enterprise	T1564	.011 Hide Artifacts: Ignore Process Interrupts	BOLDMOVE calls the signal function to ignore the signals SIGCHLD, SIGHIP, and SIGPIPE prior to starting primary logic. ^[1]
Enterprise	T1562	Impair Defenses	BOLDMOVE can modify proprietary Fortinet logs on victim machines. ^[1]
		.006 Indicator Blocking	BOLDMOVE can disable the Fortinet daemons <code>moglogd</code> and <code>syslogd</code> to evade detection and logging. ^[1]
Enterprise	T1070	.004 Indicator Removal: File Deletion	BOLDMOVE can remove files on victim systems. ^[1]
Enterprise	T1090	.003 Proxy: Multi-hop Proxy	BOLDMOVE is capable of relaying traffic from command and control servers to follow-on systems. ^[1]
Enterprise	T1082	System Information Discovery	BOLDMOVE performs system survey actions following initial execution. ^[1]
Enterprise	T1016	System Network Configuration Discovery	BOLDMOVE enumerates network interfaces on the infected host. ^[1]

Source: <https://attack.mitre.org/software/S1184>