

DearCry Ransomware

Targeting the MS Exchange Exploit

<https://twitter.com/MsftSecIntel/status/1370236539427459076>

Following initial compromise of the MS Exchange system, the attacker can execute the primary objective. From monitoring these incidents, a new family of ransomware has been detected. The threat is known as DoejoCrypt or DearCry.

January 6, 2021

Earliest Vulnerability Detection

Earliest detection of the MS Exchange vulnerability is covered in the Outbreak report:

<https://fdn.fortinet.net/FortiGuard-Alert-Outbreaks/Hafnium-full/>

March 11, 2021

MSFT Announcement

On March 11, Microsoft released the following announcement referring to the ransomware:

<https://twitter.com/MsftSecIntel/status/1370236539427459076>

March 12, 2021

Latest Developments

FortiGuard Labs released the **Threat Signal** report:

<https://www.fortiguard.com/threat-signal-report/3885/observed-in-the-wild-campaigns-leveraging-recent-microsoft-exchange-server-vulnerabilities-to-install-doejocrypt-dearcry-ransomware>

Fortinet Products Summary

Fortinet Products Summary	Services	Version	Other info
FortiGate NGFW	Anti-Virus	84.00634	NGAV Detects & Blocks malware file transfers
FortiClient	Anti-Virus	84.00634	FortiClient AV real-time protection blocks ransomware file
	Anti-Ransomware	6.4	Detects & defuses the ransomware based on suspicious process behaviour.
FortiEDR	EDR	SaaS	Existing behaviour detection & blocking of DoejoCrypt/DearCry ransomware activity out of the box.
FortiSandbox	Sandboxing	3.x	Existing behaviour detection of the ransomware (launching files, visible windows, etc.).
	Pre-filter	84.00634	Detected by pre-filter or scan engines, as this is a known ransomware.
FortiAI	ANN	1.066	FortiAI detects the sample as Ransomware, please see FortiAI VSA.
FortiMail FortiCASB FortiCWP	Anti-Virus	84.00634	Detected by pre-filter or scan engines, as this is a known ransomware.
FortiDeceptor	Decoy	3.x	A Deception Decoy that acts as a file server will detect the ransomware while encrypting the fake network drive share on the infected endpoint.
FortiAnalyzer	Event Handler Threat Hunting Report	6.2, 6.4	Detects indicators attributed to DearCry from Fabric products.
FortiSIEM	Rules & Threat Hunting Report	5.x, 6.x	Detects indicators attributed to DearCry from Fabric products and 3rd parties.

Cyber Kill Chain



Incident Response (Security Operations)

To help customers identify and protect vulnerable, FortiAnalyzer, FortiSIEM and FortiSOAR updates are available to raise alerts and escalate to incident response:

Analyzer / SIEM / SOAR Threat Hunting & Playbooks

FortiAnalyzer Event Handlers & Reports

FortiAnalyzer Event Handlers & Reports

Version Info: 6.2, 6.4

Link: <https://kb.fortinet.com/kb/microsites/microsite.do?cmd=displayKC&docType=kc&externalId=FD51762>

Other Info: Detects indicators attributed to DearCry from across the Security Fabric products.

FortiSIEM Rules & Reports

SIEM Rules & Reports