



**THREAT ADVISORY**



**VULNERABILITY  
REPORT**

**FabricScape lets attackers takeover Linux  
containers**

Date of Publication

June 30, 2022

Admiralty code

A1


TA Number

TA2022138

# Summary

FabricScape, a container escape vulnerability in Microsoft Service Fabric could allow an attacker to escalate privileges and compromise the cluster.

## CVEs

CVE	NAME	PATCH
CVE-2022-30137	Azure Service Fabric Container Elevation of Privilege Vulnerability.	

## Potential MITRE ATT&CK TTPs

<b>TA0004</b> Privilege Escalation	<b>T1068</b> Exploitation for Privilege Escalation	<b>T1611</b> Escape to Host
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# Technical Details

## #1

An attacker, who has a read/write access to cluster and ability to execute code in Linux container can exploit this privilege escalation vulnerability in Service Fabric Data Collection Agent (DCA). As a result, the attacker has control over the cluster and service fabric environment.

## #2

Both the Linux and Windows operating systems are impacted by this vulnerability. However, it is only exploitable on Linux.

## Vulnerability Details

CVE ID	AFFECTED PRODUCTS	AFFECTED CPE	CWE ID
CVE-2022-30137	Microsoft Service Fabric	cpe:2.3:a:microsoft:service_fabric:-:*:*:*:*:*	CWE-264

## Patch Details

[https://github.com/microsoft/service-fabric/blob/master/release\\_notes/Service\\_Fabric\\_ReleaseNotes\\_90CU1.md](https://github.com/microsoft/service-fabric/blob/master/release_notes/Service_Fabric_ReleaseNotes_90CU1.md)

## References

<https://unit42.paloaltonetworks.com/fabricscape-cve-2022-30137/>

<https://msrc-blog.microsoft.com/2022/06/28/azure-service-fabric-privilege-escalation-from-containerized-workloads-on-linux/>

# What Next?

Book a free demo with **HivePro Uni5** to check your exposure to this advisory. HivePro Uni5 is a Threat Exposure Management Solution that proactively reduces an organization's attack surface before it gets exploited.



At Hive Pro we take a long hard look at your vulnerabilities so you can bolster your defenses and fine-tune your offensive cybersecurity tactics.

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