



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Critical Vulnerabilities in Microsoft Products

Tracking #:432315943

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed Microsoft has released security update to fix two critical vulnerabilities in Artifact Registry & Microsoft Azure.

TECHNICAL DETAILS:

Vulnerability Details:

1. **ZDI-24-581-CVSS SCORE 10.0**-Microsoft Azure SQL Managed Instance Documentation SAS Token Incorrect Permission Assignment Authentication Bypass Vulnerability.
 - Affected Product- Microsoft Azure
 - This vulnerability allows remote attackers to bypass authentication on Microsoft Azure. Authentication is not required to exploit this vulnerability.
 - The specific flaw exists within the permissions granted to an SAS token. An attacker can leverage this vulnerability to launch a supply-chain attack and execute arbitrary code on customers' endpoints.
 - Microsoft has issued an update to fix this vulnerability.
2. **ZDI-24-580- CVSS SCORE 9.8**- Microsoft Artifact Registry Container Images Empty Password Authentication Bypass Vulnerability
 - Affected Product- Microsoft Artifact
 - This vulnerability allows remote attackers to bypass authentication on affected installations of Microsoft Artifact Registry Container images. Authentication is not required to exploit this vulnerability.
 - The specific flaw exists within the default credentials set within the image. The issue results from the use of empty root password. An attacker can leverage this vulnerability to bypass authentication on the system.
 - Microsoft has issued an update to fix this vulnerability.

RECOMMENDATIONS:

The UAE Cyber Security Council recommends updating the affected versions to the fixed or latest versions released by Microsoft

Kindly circulate this information to your subsidiaries and partners as well as share with us any relevant information and findings.

The UAE Cyber Security Council extends its appreciation for the continued collaboration.

REFERENCES:

- <https://www.zerodayinitiative.com/advisories/ZDI-24-580/>
- <https://www.zerodayinitiative.com/advisories/ZDI-24-581/>