



CVE-2020-16918

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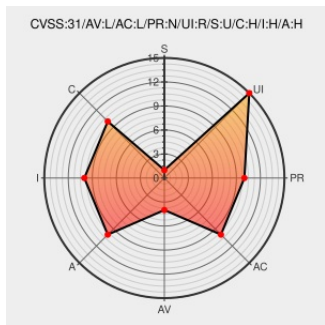
CVE-2020-16918

Source: [Mitre](#)

Source: [NIST](#)

[CVE.ORG](#)

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Certain versions of [365 Apps](#) from [Microsoft](#) contain the following vulnerability:

A remote code execution vulnerability exists when the Base3D rendering engine improperly handles memory. An attacker who successfully exploited the vulnerability would gain execution on a victim system. The security update addresses the vulnerability by correcting how the Base3D rendering engine handles memory., aka 'Base3D Remote Code Execution Vulnerability'. This CVE ID is unique from CVE-2020-17003.

CVE-2020-16918 has been assigned by secure@microsoft.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Microsoft - Microsoft 365 Apps for Enterprise for 32-bit Systems** version

Affected Vendor/Software: **Microsoft - Microsoft 365 Apps for Enterprise for 64-bit Systems** version

Affected Vendor/Software: **Microsoft - 3D Viewer** version

CVSS3 Score: **7.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	NONE	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **9.3 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact

CVE References

Description	Tags	Link
No Description Provided	Patch Vendor Advisory portal.msrc.microsoft.com text/html	MISC portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2020-16918

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Microsoft	365 Apps	-	All	All	All
Application	Microsoft	365 Apps	-	All	All	All
Application	Microsoft	3d Viewer	-	All	All	All
Application	Microsoft	3d Viewer	-	All	All	All
cpe:2.3:a:microsoft:365_apps:-:*:*:*:enterprise:*:*:						
cpe:2.3:a:microsoft:365_apps:-:*:*:*:enterprise:*:*:						
cpe:2.3:a:microsoft:3d_viewer:-:*:*:*:*:*:						
cpe:2.3:a:microsoft:3d_viewer:-:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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