

THREAT ADVISORY

Security Updates in Multiple Products of Adobe

TA2022009

Threat Level

AMBER

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Multiple vulnerabilities have been discovered in Adobe Products:

1. 16 critical vulnerabilities have been fixed in Adobe Acrobat and Reader which are listed below:

- Code execution: CVE-2021-44701, CVE-2021-44704, CVE-2021-44705, CVE-2021-44706, CVE-2021-44707, CVE-2021-44710, CVE-2021-44711, CVE-2021-45061, CVE-2021-45062, CVE-2021-45064, CVE-2021-45068.
- Buffer overflow: CVE-2021-44703, CVE-2021-44708, CVE-2021-44709
- Information disclosure: CVE-2021-45060
- Security bypass: CVE-2021-44702

All the above vulnerabilities have been patched in following versions:

- Acrobat DC and Acrobat Reader DC versions 21.007.20099 and earlier; has been updated in version 21.011.20039.
- Acrobat 2020 and Acrobat Reader 2020 versions 20.004.30017 and earlier; has been updated in version 20.004.30020.
- Acrobat 2017 and Acrobat Reader 2017 versions 17.011.30204 and earlier; has been updated in version 17.011.30207.

2. Adobe Bridge has a critical local code execution vulnerability (CVE-2021-44743) which has been patched in following versions:

- Adobe Bridge prior to version 12.0 has been fixed in 12.0.1 and
- Adobe Bridge prior to version 11.1.2 and earlier has been fixed in 11.1.3

3. Adobe InCopy has 3 critical local code execution vulnerabilities (CVE-2021-45053, CVE-2021-45055, CVE-2021-45056). All of them affect versions 16.4 and earlier and have been fixed in version 16.4.1

4. Adobe InDesign has 2 critical local code execution vulnerabilities (CVE-2021-45057, CVE-2021-45058). Both affect versions 16.4 and earlier and have been fixed in version 16.4.1

Patch links of all these vulnerabilities are given in links below. Hive Pro threat researchers suggest organizations to patch these vulnerabilities as soon as possible.

Vulnerability Details

CVE ID	Affected Products	Affected CPE	Vulnerability Name	CWE ID
CVE-2021-45053	Adobe InCopy versions 16.4 and earlier	cpe:2.3:a:adobe:incopy:*:*:*:*:*:*	Adobe InCopy code execution	CWE-787
CVE-2021-45055				CWE-125
CVE-2021-45056				CWE-787
CVE-2021-45057	Adobe InDesign versions 16.4 and earlier	cpe:2.3:a:adobe:indesign:*:*:*:*:*	Adobe InDesign code execution	CWE-787
CVE-2021-45058				CWE-787
CVE-2021-44743	Adobe Bridge version 12.0 and earlier and 11.1.2 and earlier	cpe:2.3:a:adobe:bridge:*:*:*:*:*	Adobe Bridge code execution	CWE-787

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CVE ID	Affected Products	Affected CPE	Vulnerability Name	CWE ID
CVE-2021-44701	Acrobat DC and Acrobat Reader DC versions 21.007.20099 and earlier; Acrobat 2020 and Acrobat Reader 2020 versions 20.004.30017 and earlier; Acrobat 2017 and Acrobat Reader 2017 versions 17.011.30204 and earlier	cpe:2.3:a:adobe:acrobat:*:*:*:*:*	Adobe Acrobat and Adobe Reader code execution	CWE-416
CVE-2021-44704			Adobe Acrobat and Adobe Reader code execution	CWE-416
CVE-2021-44705			Adobe Acrobat and Adobe Reader code execution	CWE-824
CVE-2021-44706			Adobe Acrobat and Adobe Reader code execution	CWE-416
CVE-2021-44707			Adobe Acrobat and Adobe Reader code execution	CWE-787
CVE-2021-44710			Adobe Acrobat and Adobe Reader code execution	CWE-416
CVE-2021-44711			Adobe Acrobat and Adobe Reader code execution	CWE-190
CVE-2021-45061			Adobe Acrobat and Adobe Reader code execution	CWE-787
CVE-2021-45062			Adobe Acrobat and Adobe Reader code execution	CWE-416
CVE-2021-45064			Adobe Acrobat and Adobe Reader code execution	CWE-416
CVE-2021-45068			Adobe Acrobat and Adobe Reader code execution	CWE-787
CVE-2021-44703			Adobe Acrobat and Adobe Reader buffer overflow	CWE-121
CVE-2021-44708			Adobe Acrobat and Adobe Reader buffer overflow	CWE-122
CVE-2021-44709			Adobe Acrobat and Adobe Reader buffer overflow	CWE-122
CVE-2021-45060			Adobe Acrobat and Adobe Reader information disclosure	CWE-125
CVE-2021-44702	Adobe Acrobat and Adobe Reader security bypass	CWE-284		

Patch Links

<https://helpx.adobe.com/security/products/acrobat/apsb22-01.html>
<https://helpx.adobe.com/security/products/bridge/apsb22-03.html>
<https://helpx.adobe.com/security/products/incopy/apsb22-04.html>
<https://helpx.adobe.com/security/products/indesign/apsb22-05.html>

References

<https://www.cisa.gov/uscert/ncas/current-activity/2022/01/11/adobe-releases-security-updates-multiple-products>