



CVE-2019-15719

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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:31/AV:A/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H



Certain versions of [Pbs Professional](#) from [Altair](#) contain the following vulnerability:

Altair PBS Professional through 19.1.2 allows Privilege Escalation because an attacker can send a message directly to pbs_mom, which fails to properly authenticate the message. This results in code execution as an arbitrary user.

CVE-2019-15719 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8 - HIGH**

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

CVSS2 Score: **5.2 - MEDIUM**

Access Vector	Access Complexity	Authentication
ADJACENT_NETWORK	LOW	SINGLE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
PBS Professional 19.2.3 Authentication Bypass ≈ Packet Storm	Exploit Third Party Advisory VDB Entry packetstormsecurity.com text/html	MISC packetstormsecurity.com/files/154782/PBS-Professional-19.2.3-Authentication-Bypass.html

PBS Works - Enabling On-Demand Computing

Product

www.pbspro.org

text/html

MISC

www.pbspro.org/

PBS Professional MoM Authentication Bypass (CVE-2019-15719) - HPCSec

Exploit

Third Party Advisory

www.hpcsec.com

text/html

hpcsec

MISC

www.hpcsec.com/2019/10/08/cve-2019-15719/

Homepage - HPCSec

Third Party Advisory

www.hpcsec.com

text/html

hpcsec

MISC

www.hpcsec.com

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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	Altair	Pbs Professional	All	All	All	All
Application	Altair	Pbs Professional	All	All	All	All

cpe:2.3:a:altair:pbs_professional:*.***.***.***

cpe:2.3:a:altair:pbs_professional:*.***.***.***

No vendor comments have been submitted for this CVE

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