



CVE-2020-24683

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CVE-2020-24683 - advisory for 2PAA123980, 2PAA123982

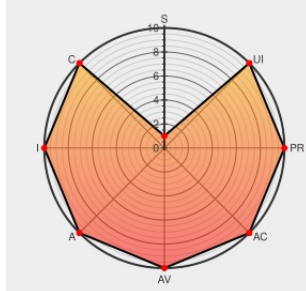
Source: [Mitre](#)

Source: [NIST](#)

[CVE.ORG](#)

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



Certain versions of [Symphony Plus Historian](#) from [Abb](#) contain the following vulnerability:

The affected versions of S+ Operations (version 2.1 SP1 and earlier) used an approach for user authentication which relies on validation at the client node (client-side authentication). This is not as secure as having the server validate a client application before allowing a connection. Therefore, if the network communication or endpoints for these applications are not protected, unauthorized actors can bypass authentication and make unauthorized connections to the server application.

CVE-2020-24683 has been assigned by [cybersecurity@ch.abb.com](#) to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: [ABB](#) - **ABB Ability™ Symphony® Plus Operations** version < 2.1 SP1

CVSS3 Score: **9.8 - CRITICAL**

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

CVSS2 Score: **7.5 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
	Mitigation Vendor Advisory search.abb.com application/pdf	ABB MISC search.abb.com/library/Download.aspx?DocumentID=2PAA123980&LanguageCode=en&DocumentPartId=&Action=Launch

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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	Abb	Symphony Plus Historian	3.0	All	All	All
Application	Abb	Symphony Plus Historian	3.1	All	All	All
Application	Abb	Symphony Plus Historian	3.0	All	All	All
Application	Abb	Symphony Plus Historian	3.1	All	All	All
Application	Abb	Symphony Plus Operations	1.1	All	All	All
Application	Abb	Symphony Plus Operations	2.0	All	All	All
Application	Abb	Symphony Plus Operations	2.1	sp1	All	All
Application	Abb	Symphony Plus Operations	2.1	sp2	All	All
Application	Abb	Symphony Plus Operations	3.0	All	All	All
Application	Abb	Symphony Plus Operations	3.1	All	All	All
Application	Abb	Symphony Plus Operations	3.2	All	All	All
Application	Abb	Symphony Plus Operations	3.3	All	All	All
Application	Abb	Symphony Plus Operations	1.1	All	All	All
Application	Abb	Symphony Plus Operations	2.0	All	All	All
Application	Abb	Symphony Plus Operations	2.1	sp1	All	All
Application	Abb	Symphony Plus Operations	2.1	sp2	All	All
Application	Abb	Symphony Plus Operations	3.0	All	All	All
Application	Abb	Symphony Plus Operations	3.1	All	All	All
Application	Abb	Symphony Plus Operations	3.2	All	All	All
Application	Abb	Symphony Plus Operations	3.3	All	All	All
Application	Abb	Symphony Historian	3.0	All	All	All
Application	Abb	Symphony Historian	3.1	All	All	All
Application	Abb	Symphony Operations	1.1	All	All	All
Application	Abb	Symphony Operations	2.0	All	All	All

Application	Abb	Symphony Operations	2.1	sp1	All	All
Application	Abb	Symphony Operations	2.1	sp2	All	All
Application	Abb	Symphony Operations	3.0	All	All	All
Application	Abb	Symphony Operations	3.1	All	All	All
Application	Abb	Symphony Operations	3.2	All	All	All
Application	Abb	Symphony Operations	3.3	All	All	All
cpe:2.3:a:abb:symphony_plus_historian:3.0:*:*:*:*:*:						
cpe:2.3:a:abb:symphony_plus_historian:3.1:*:*:*:*:*:						
cpe:2.3:a:abb:symphony_plus_historian:3.0:*:*:*:*:*:						
cpe:2.3:a:abb:symphony_plus_historian:3.1:*:*:*:*:*:						
cpe:2.3:a:abb:symphony_plus_operations:1.1:*:*:*:*:*:						
cpe:2.3:a:abb:symphony_plus_operations:2.0:*:*:*:*:*:						
cpe:2.3:a:abb:symphony_plus_operations:2.1:sp1:*:*:*:*:*:						
cpe:2.3:a:abb:symphony_plus_operations:2.1:sp2:*:*:*:*:*:						
cpe:2.3:a:abb:symphony_plus_operations:3.0:*:*:*:*:*:						
cpe:2.3:a:abb:symphony_plus_operations:3.1:*:*:*:*:*:						
cpe:2.3:a:abb:symphony_plus_operations:3.2:*:*:*:*:*:						
cpe:2.3:a:abb:symphony_plus_operations:3.3:*:*:*:*:*:						
cpe:2.3:a:abb:symphony_plus_operations:1.1:*:*:*:*:*:						
cpe:2.3:a:abb:symphony_plus_operations:2.0:*:*:*:*:*:						
cpe:2.3:a:abb:symphony_plus_operations:2.1:sp1:*:*:*:*:*:						
cpe:2.3:a:abb:symphony_plus_operations:2.1:sp2:*:*:*:*:*:						
cpe:2.3:a:abb:symphony_plus_operations:3.0:*:*:*:*:*:						
cpe:2.3:a:abb:symphony_plus_operations:3.1:*:*:*:*:*:						
cpe:2.3:a:abb:symphony_plus_operations:3.2:*:*:*:*:*:						
cpe:2.3:a:abb:symphony_plus_operations:3.3:*:*:*:*:*:						
cpe:2.3:a:abb:symphony_+_historian:3.0:*:*:*:*:*:						
cpe:2.3:a:abb:symphony_+_historian:3.1:*:*:*:*:*:						
cpe:2.3:a:abb:symphony_+_operations:1.1:*:*:*:*:*:						
cpe:2.3:a:abb:symphony_+_operations:2.0:*:*:*:*:*:						

cpe:2.3:a:abb:symphony_\+_operations:2.1:sp1:*****:
cpe:2.3:a:abb:symphony_\+_operations:2.1:sp2:*****:
cpe:2.3:a:abb:symphony_\+_operations:3.0:*****:
cpe:2.3:a:abb:symphony_\+_operations:3.1:*****:
cpe:2.3:a:abb:symphony_\+_operations:3.2:*****:
cpe:2.3:a:abb:symphony_\+_operations:3.3:*****:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
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