CVE-2020-15247

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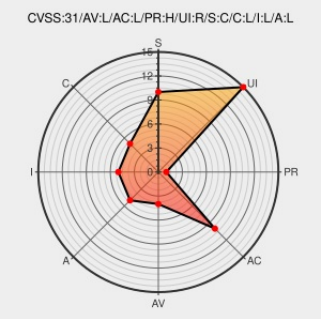
CVE-2020-15247 - advisory for GHSA-94vp-rmqv-5875

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of October from Octobercms contain the following vulnerability:

October is a free, open-source, self-hosted CMS platform based on the Laravel PHP Framework. In October CMS from version 1.0.319 and before version 1.0.469, an authenticated backend user with the cms.manage_pages, cms.manage_layouts, or cms.manage_partials permissions who would normally not be permitted to provide PHP code to be executed by the CMS due to cms.enableSafeMode being enabled is able to write specific Twig code to escape the Twig sandbox and execute arbitrary PHP. This is not a problem for anyone that trusts their users with those permissions to normally write & manage PHP within the CMS by not having cms.enableSafeMode enabled, but would be a problem for anyone relying on cms.enableSafeMode to ensure that users with those permissions in production do not have access to write & execute arbitrary PHP. Issue has been patched in Build 469 (v1.0.469) and v1.1.0.

CVE-2020-15247 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **octobercms** - **october** version **>= 1.0.319, < 1.0.469**

CVSS3 Score: 5.2 - MEDIUM

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	HIGH	REQUIRED
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
CHANGED	LOW	LOW	LOW

CVSS2 Score: 4.4 - MEDIUM

Access Vector	Access Complexity	Authentication
LOCAL	MEDIUM	NONE

Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
Twig Sandbox Escape by authenticated users with access to editing CMS templates when safemode is enabled. · Advisory · octobercms/october · GitHub	Third Party Advisory github.com text/html	CONFIRM github.com/octobercms/october/security/advisories/GHSA-94vp-rmqv-58
Security fixes for v1.0.469 · octobercms/october@4c650bb · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/octobercms/october/commit/4c650bb775ab849e48202a4923bac93bd74f99

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Octobercms	October	All	All	All	All
Application	Octobercms	October	All	All	All	All

cpe:2.3:a:octobercms:october:*:*:*:*:*:*:*:*:

cpe:2.3:a:octobercms:october:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@RemotelyAlerts	Severity: ?? | October is a free, open-source, self-hos... | CVE-2020-15247 | Link for more: alerts.remotelyrmm.com/CVE-2020-15247	2021-11-18 18:12:41

← Previous ID

Next ID→

CVE.report and Source URL Uptime Status status.cve.report