



# Automatisierte Updates Gut oder Böse?





# Hello!

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A meme featuring a woman with a pained expression, overlaid with text about Drupal updates. The woman is wearing a pink headband and a yellow and pink top. The background is a brick wall. The text is in a bold, white, sans-serif font with a black outline. The number '4' is written in blue with a white outline. The watermark 'memegenerator.net' is visible in the bottom right corner of the image.

**DRUPAL UPDATES**

**AIN`T NOBODY GOT TIME  
FO DAT!**

memegenerator.net



# Was für Updates gibt es überhaupt?

In Drupal



# Update-Types

## Normale Updates

- ◇ Bugfixes
- ◇ neue Features

## Sicherheitsupdates

- ◇ Not Critical
- ◇ Less Critical
- ◇ Moderately Critical
- ◇ Critical
- ◇ Highly critical



# Security Risk Calculator

✓ 21/25 (**Highly Critical**) AC:Basic/A:None/CI:All/II:Some/E:Exploit/TD:All

The questions below will help calculate the risk level for a security issue

## Risk Calculator

**Access complexity: how difficult is it for the attacker to leverage the vulnerability? \***

Basic or routine (user must follow specific path)

**Authentication: what privilege level is required for an exploit to be successful? \***

None (all/anonymous users)

**Confidentiality impact: does this vulnerability cause non-public data to be accessible? \***

All non-public data is accessible

**Integrity impact: can this exploit allow system data (or data handled by the system) to be compromised? \***

All data can be modified or deleted

**Zero-day impact: does a known exploit exist? \***

Proof of concept exists (documented methods for developing exploit exist in the wild)

**Target distribution: what percentage of module users are affected? \***

All module configurations are exploitable

submit



15.10.2014



What Drupal badly needs but doesn't have is an automatic updater that rolls out security updates by default.





# Der Tellerrand



**Contao**



**WORDPRESS**

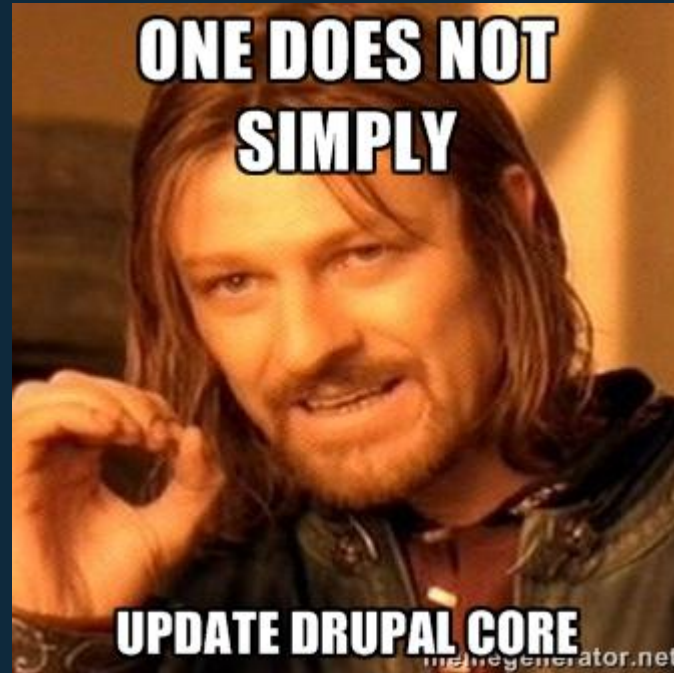



**TYP03**



**Joomla!**







# Was gibt es bei Updates zu beachten?

- ◇ Abhängigkeiten von Modulen
- ◇ Major und Minor Upgrades
- ◇ Patches
- ◇ Änderungen an der Datenbank
- ◇ Distributionen
- ◇ API Änderungen






# Lösungen?

Wie überlebe ich die nächste große Sicherheitslücke?





# Workflow?!



Update


Test

Deploy






# Security Workflow?



Update

Deploy

Don't care about  
testing, speed is important





# Hosting

## Acquia

- ◇ Auto-Updates für Core und Contrib.
- ◇ Erstellt ein Commit pro Update.
- ◇ Entdeckt keine Patches.
- ◇ Kein Support für Distributionen.

## Pantheon

- ◇ One-Click Core Updates.

## Siteground

- ◇ Kontaktieren die Inhaber über Updates.



# Tools und Services

## Tools

- ◇ Drush
- ◇ Drupal Monitor
- ◇ Drupal Update Manager
- ◇ Drupal Console

## Services

- ◇ DruDesk
- ◇ Drop Guard
- ◇ Drupal Aid







# Testen

## Tools

- ◇ SimpleTest
- ◇ Behat
- ◇ Jenkins
- ◇ Drulenum (Drupal + Selenium)

## Visual Regression Testing

- ◇ sitteffect.io
- ◇ Wraith (Pantheon)
- ◇ Phantom





# Drop Guard

## Automatisierte Patch Detection

- ◇ Entdeckt Patches und fügt diese beim Updaten von Modulen wieder hinzu.

## Support für Distributionen

- ◇ Unterschiedliche Update Modi für Distributionen.

## Flexibel

- ◇ Pro Update Typ individuelle Einstellungen möglich.

## Update Monitor für alle Seiten

- ◇ Übersicht über alle Projekte bewahren.

## Hosting

- ◇ Funktioniert mit jeder Hosting Plattform.

## Anbindung an die eigene CI

- ◇ SSH Commands, Drush, Jenkins und viele mehr.

**DRUPALGEDDON 2.0**



**GOT MY SITES UPDATED AUTOMATICALLY!**





# Was passiert mit Drupal 8?

<https://www.drupal.org/node/2367319>





# Danke!

## Fragen? Diskussion!

- ◇ @andrisek
- ◇ andrisek@brightsolutions.de



**PREPARE YOURSELF**



**DRUPAL UPDATES ARE COMING**

memegenerator.net



# Quellen

- ◇ <https://www.drupal.org/node/382566>
- ◇ <https://nakedsecurity.sophos.com/2014/10/30/millions-of-drupal-websites-at-risk-from-failure-to-patch/>
- ◇ <https://www.drupal.org/security-team/risk-levels>
- ◇ <https://security.drupal.org/riskcalc>
- ◇ <http://www.mydropninja.com/blog/understanding-drupal-security-advisories-risk-calculator>
- ◇ <https://www.drupal.org/security/contrib>
- ◇ <https://www.drupal.org/security>
- ◇ <https://security.drupal.org/team-members>
- ◇ <https://events.drupal.org/barcelona2015/sessions/visual-regression-testing-codified-knowledge-base>
- ◇ <http://2013.nyccamp.org/session/drulenum-testing-made-easy>
- ◇ <https://pantheon.io/docs/guides/visual-diff-with-wraith/>
- ◇ <http://www.siteeffect.io>
- ◇ <https://www.drupal.org/node/2357241>
- ◇ <http://www.drop-guard.net>
- ◇ <http://www.heise.de/security/meldung/Update-fuer-Drupal-7-schliesst-Worst-Case-Sicherheitsluecke-2425878.html>

