



tiny-path-traversal.md

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Summary

A path traversal vulnerability in the mass delete handler allows an attacker to delete files outside the application's root directory by supplying traversal sequences.

Vulnerability

The mass delete handler iterates over the `file[]` POST array and performs path sanitization:

```
```php
$files = $_POST['file'];
if (is_array($files) && count($files)) {
 foreach ($files as $f) {
 if ($f != '') {
 $new_path = $path . '/' . $f; // $f is never passed through sanitization
 if (!fm_rdelete($new_path)) {
 $errors++;
 }
 }
 }
}
```
```

The `fm_rdelete()` function then operates on the fully resolved path with no further sanitization:

```
```php
function fm_rdelete($path) {
 if (is_link($path)) {
 return unlink($path);
 } elseif (is_dir($path)) {
 // recursively deletes everything inside
 } elseif (is_file($path)) {
 return unlink($path);
 }
}
```
```

Other file operation handlers (rename, single delete, copy) pass the path through sanitization, making it the only unprotected path.

Proof of Concept

****Setup – create a file outside the web root:****

```
```bash
echo del > /tmp/test.txt
cat /tmp/test.txt
```
```