



Laravel⁶

Vlado Žilka

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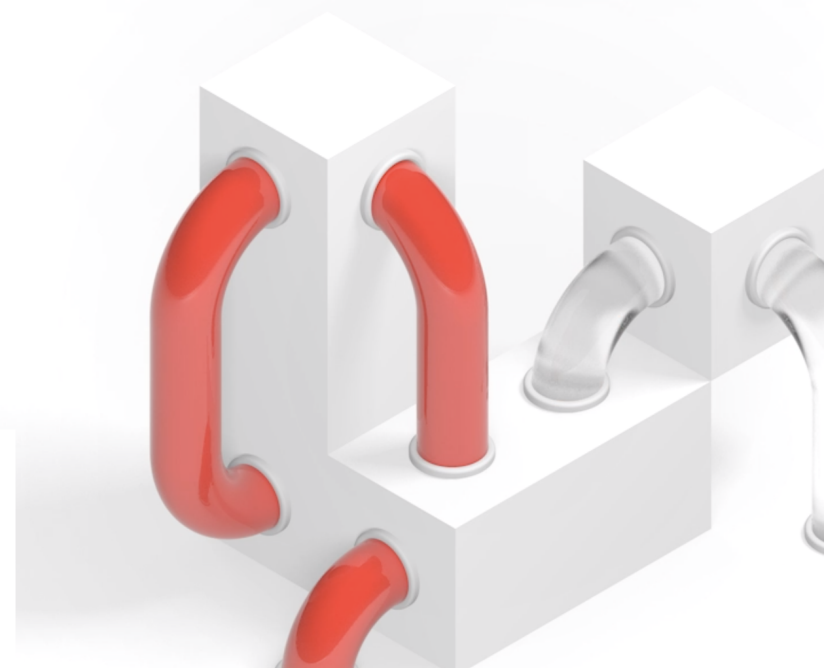
New Branding



Laravel Nova is now available! Get your copy today! →

The PHP Framework for Web Artisans

Laravel is a web application framework with expressive, elegant syntax. We've already laid the foundation — freeing you to create without sweating the small things.

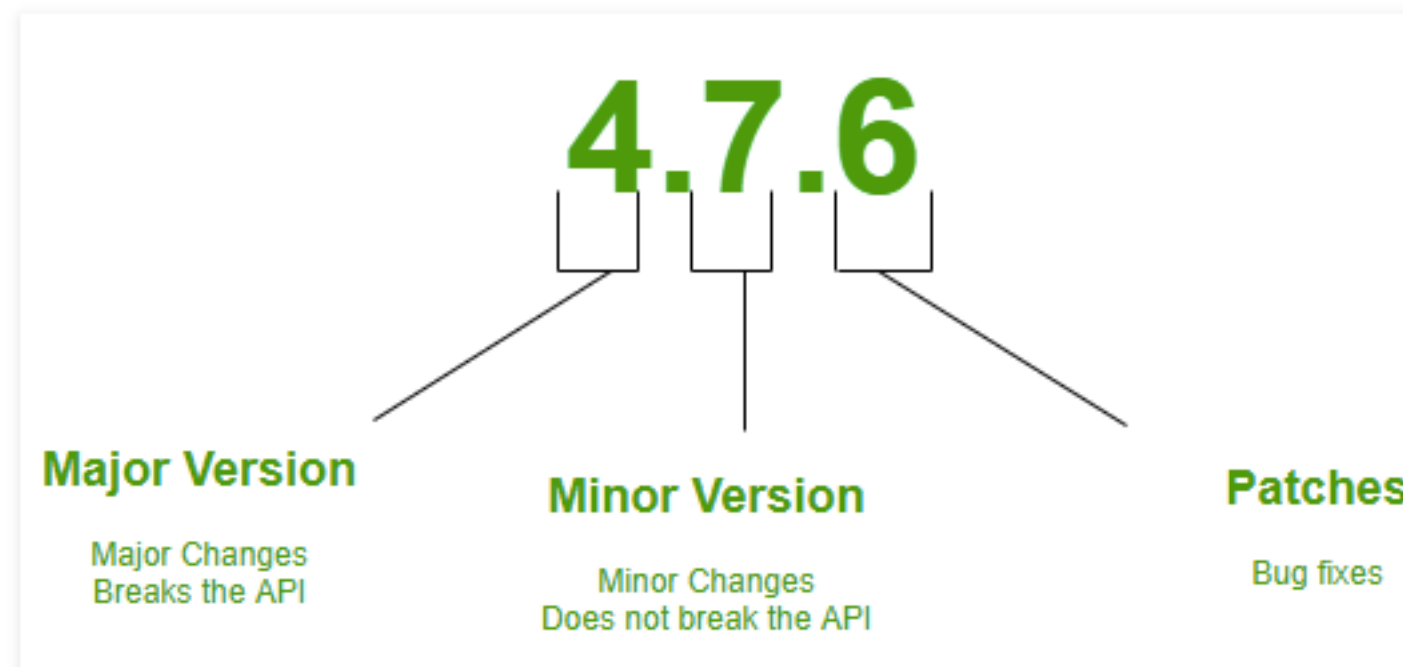
[Documentation](#)[▶ Watch Laracasts](#)

LTS

Version	Release	Bug Fixes Until	Security Fixes Until
5.5 (LTS)	August 30th, 2017	August 30th, 2019	August 30th, 2020
5.6	February 7th, 2018	August 7th, 2018	February 7th, 2019
5.7	September 4th, 2018	March 4th, 2019	September 4th, 2019
5.8	February 26th, 2019	August 26th, 2019	February 26th, 2020
6 (LTS)	September 3rd, 2019	September 3rd, 2021	September 3rd, 2022

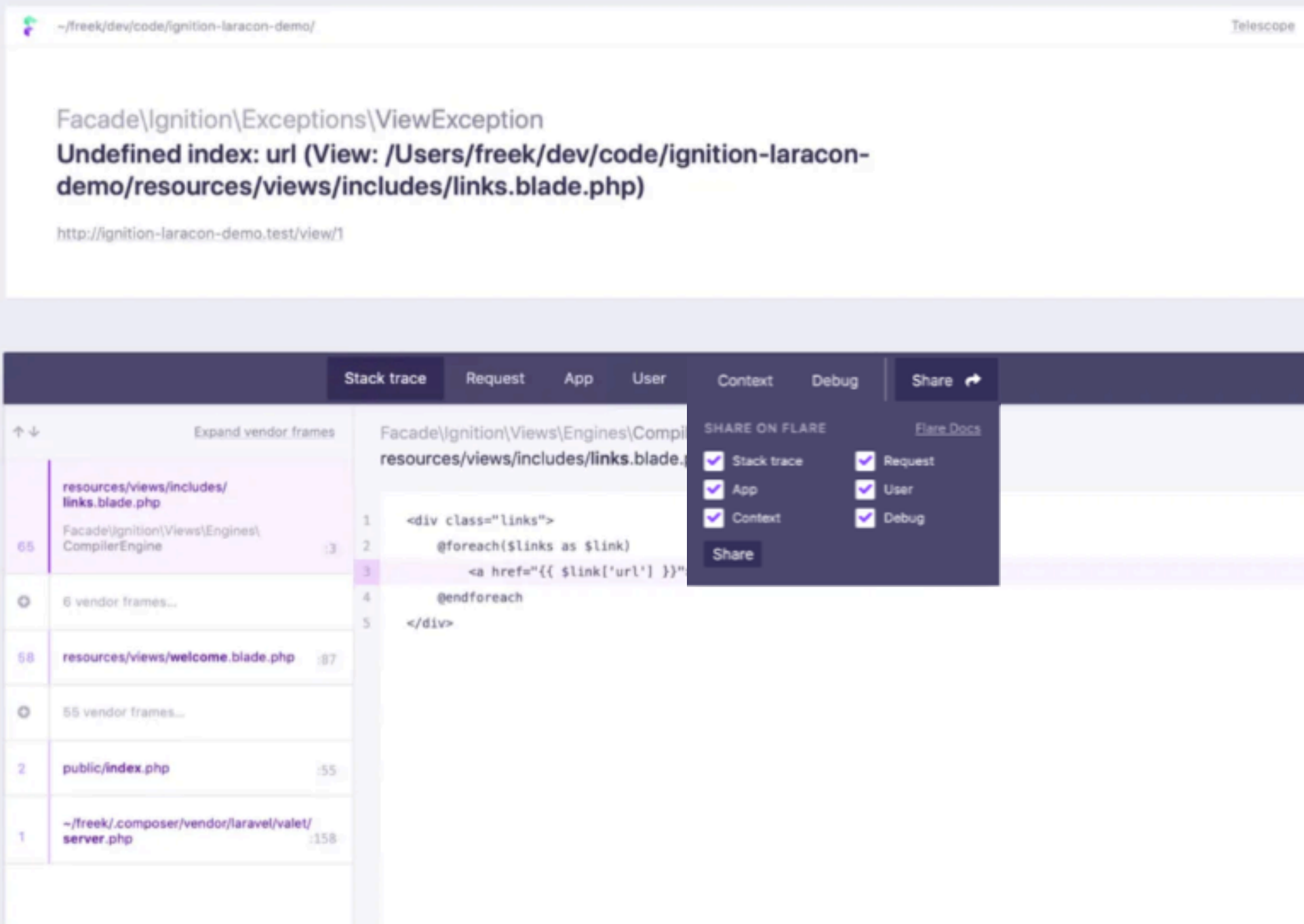
about **one hour** to upgrade from 5.8

Semantic versioning



semver.org

Ignition Error Page



The screenshot displays the Laravel Ignition error page. At the top, the breadcrumb path is `~/freak/dev/code/ignition-laracon-demo/` and the Telescope icon is visible. The main error message is:

Facade\Ignition\Exceptions\ViewException
Undefined index: url (View: /Users/freak/dev/code/ignition-laracon-demo/resources/views/includes/links.blade.php)
<http://ignition-laracon-demo.test/view/1>

Below the error message is a detailed stack trace. The left sidebar shows the stack trace with the following frames:

- resources/Views/includes/links.blade.php (line 65)
- 6 vendor frames...
- resources/views/welcome.blade.php (line 87)
- 55 vendor frames...
- public/index.php (line 55)
- ~/freak/.composer/vendor/laravel/valet/server.php (line 158)

The main content area shows the stack trace for the selected frame, `resources/Views/includes/links.blade.php`, with the following code snippet:

```
1 <div class="links">
2   @foreach($links as $link)
3     <a href="{{ $link['url'] }}"
4   @endforeach
5 </div>
```

On the right side, there is a "SHARE ON FLARE" section with a "Flare Docs" link and a "Share" button. The "Share" button is highlighted, and the "Flare Docs" link is also visible.

Job middleware

avoid custom logic in the body of your job's `handle()`

```
// Add a middleware method to a job class
public function middleware()
{
    return [new SomeMiddleware];
}

// Specify middleware when dispatching a job
SomeJob::dispatch()->through([new SomeMiddleware]);
```

Lazy Collections

Illuminate\Support\Collection

```
$users = App\User::all()->filter(function ($user) {  
    return $user->id > 500;  
});
```

all models loaded into memory

Illuminate\Support\LazyCollection

```
$users = App\User::cursor()->filter(function ($user) {  
    return $user->id > 500;  
});  
  
foreach ($users as $user) {  
    echo $user->id;  
}
```

only one model loaded in memory at a time

Eloquent Subquery Enhancements

```
Destination::addSelect(['last_flight' => Flight::select('name')
    ->whereColumn('destination_id', 'destinations.id')
    ->orderBy('arrived_at', 'desc')
    ->limit(1)
])->get();
```

also orderBy()

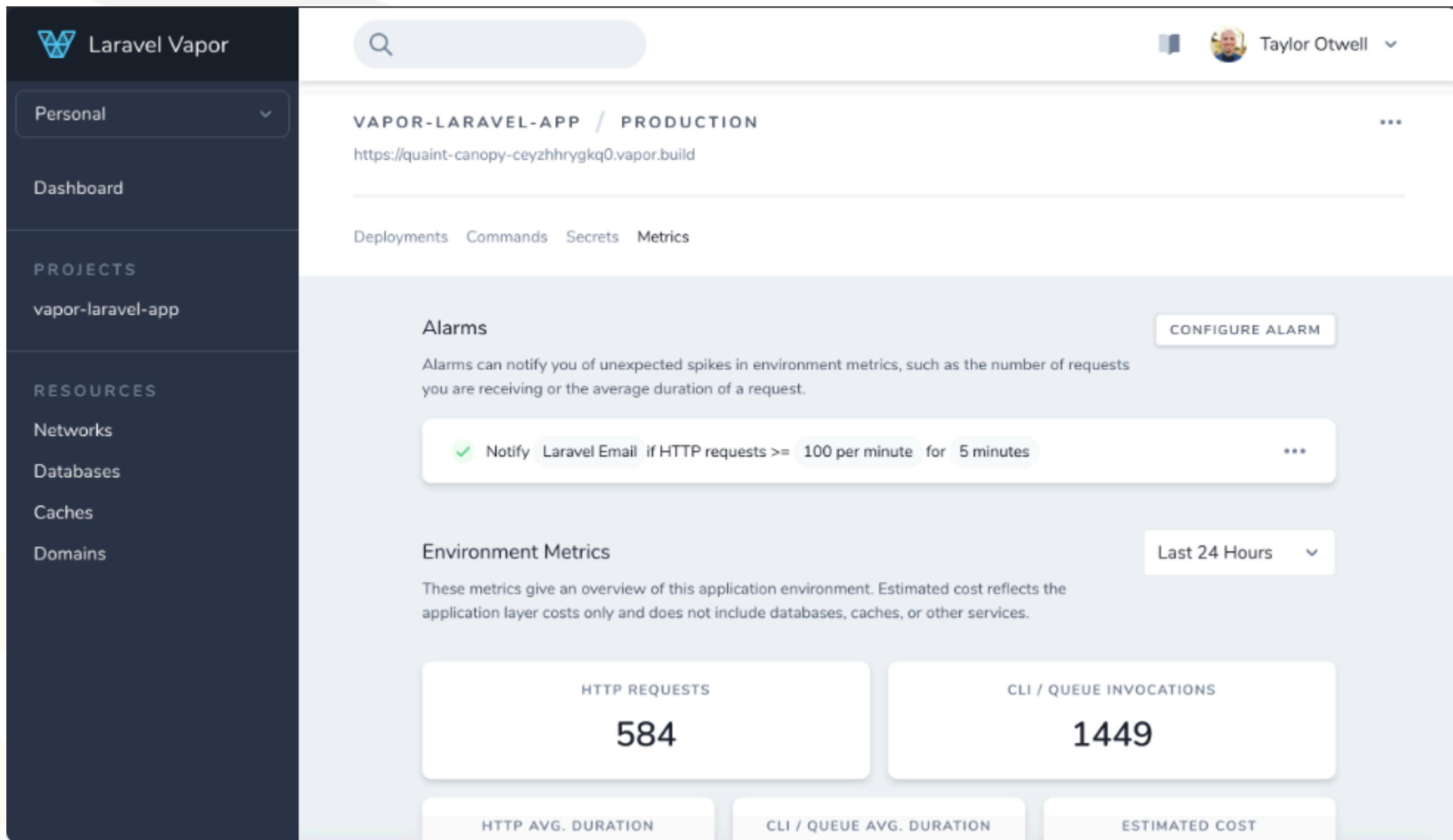
Improved Authorization Responses

```
"/  
public function view(User $user, Flight $flight)  
{  
    return $this->deny('Explanation of denial.');
```

```
$response = Gate::inspect('view', $flight);  
  
if ($response->allowed()) {  
    // User is authorized to view the flight...  
}  
  
if ($response->denied()) {  
    echo $response->message();  
}
```

Laravel Vapor

Auto-scaling serverless deployment platform



The screenshot shows the Laravel Vapor dashboard for a project named 'VAPOR-LARAVEL-APP' in the 'PRODUCTION' environment. The URL is 'https://quaint-canopy-ceyzhhrygkq0.vapor.build'. The dashboard includes a sidebar with navigation links for Personal, Dashboard, PROJECTS (vapor-laravel-app), and RESOURCES (Networks, Databases, Caches, Domains). The main content area features an 'Alarms' section with a 'CONFIGURE ALARM' button and a notification: 'Notify Laravel Email if HTTP requests >= 100 per minute for 5 minutes'. Below this is the 'Environment Metrics' section, showing 'HTTP REQUESTS' at 584 and 'CLI / QUEUE INVOCATIONS' at 1449. The metrics are for the 'Last 24 Hours'.

VAPOR-LARAVEL-APP / PRODUCTION
https://quaint-canopy-ceyzhhrygkq0.vapor.build

Deployments Commands Secrets Metrics

Alarms

Alarms can notify you of unexpected spikes in environment metrics, such as the number of requests you are receiving or the average duration of a request.

CONFIGURE ALARM

✓ Notify Laravel Email if HTTP requests >= 100 per minute for 5 minutes

Environment Metrics

These metrics give an overview of this application environment. Estimated cost reflects the application layer costs only and does not include databases, caches, or other services.

Last 24 Hours

HTTP REQUESTS	CLI / QUEUE INVOCATIONS
584	1449
HTTP AVG. DURATION	CLI / QUEUE AVG. DURATION
	ESTIMATED COST



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