

# Class: BalancedPool

Extends: `undici.Dispatcher`

A pool of [Pool](#) instances connected to multiple upstreams.

Requests are not guaranteed to be dispatched in order of invocation.

```
new BalancedPool(upstreams [, options])
```

Arguments:

- **upstreams** `URL | string | string[]` - It should only include the **protocol, hostname, and port**.
- **options** `BalancedPoolOptions` (optional)

**Parameter:** `BalancedPoolOptions`

Extends: [PoolOptions](#)

- **factory** `(origin: URL, opts: Object) => Dispatcher` - Default: `(origin, opts) => new Pool(origin, opts)`

The `PoolOptions` are passed to each of the `Pool` instances being created.

## Instance Properties

`BalancedPool.upstreams`

Returns an array of upstreams that were previously added.

`BalancedPool.closed`

Implements [Client.closed](#)

`BalancedPool.destroyed`

Implements [Client.destroyed](#)

`Pool.stats`

Returns [PoolStats](#) instance for this pool.

## Instance Methods

`BalancedPool.addUpstream(upstream)`

Add an upstream.

Arguments:

- **upstream** `string` - It should only include the **protocol, hostname, and port**.

`BalancedPool.removeUpstream(upstream)`

Removes an upstream that was previously added.

**BalancedPool.close([callback])**

Implements [Dispatcher.close\(\[callback\]\)](#) .

**BalancedPool.destroy([error, callback])**

Implements [Dispatcher.destroy\(\[error, callback\]\)](#) .

**BalancedPool.connect(options[, callback])**

See [Dispatcher.connect\(options\[, callback\]\)](#) .

**BalancedPool.dispatch(options, handlers)**

Implements [Dispatcher.dispatch\(options, handlers\)](#) .

**BalancedPool.pipeline(options, handler)**

See [Dispatcher.pipeline\(options, handler\)](#) .

**BalancedPool.request(options[, callback])**

See [Dispatcher.request\(options\[, callback\]\)](#) .

**BalancedPool.stream(options, factory[, callback])**

See [Dispatcher.stream\(options, factory\[, callback\]\)](#) .

**BalancedPool.upgrade(options[, callback])**

See [Dispatcher.upgrade\(options\[, callback\]\)](#) .

## Instance Events

**Event:** 'connect'

See [Dispatcher Event: 'connect'](#) .

**Event:** 'disconnect'

See [Dispatcher Event: 'disconnect'](#) .

**Event:** 'drain'

See [Dispatcher Event: 'drain'](#) .