

## Dashboard - Cleanup #45433

Cleanup # 44530 (New): mgr/dashboard: speed-up Angular unit tests

### mgr/dashboard: Don't have two different unit test mechanics

05/07/2020 03:13 PM - Stephan Müller

Status:	Resolved	% Done:	0%
Priority:	Normal		
Assignee:	Stephan Müller		
Category:	Testing & QA		
Target version:			
Tags:		Affected Versions:	
Backport:	octopus	Pull request ID:	34965
Reviewed:			

#### Description

Use the `DEV` test method as default. To be able to do that our workaround needs to include a new statement. It has to set `'testBedApi._instantiated'` to false after every test.

This will look like the following in the end:

```
diff --git a/src/pybind/mgr/dashboard/frontend/src/testing/unit-test-helper.ts b/src/pybind/mgr/dashboard/frontend/src/testing/unit-test-helper.ts
index b7de47f303..e94c1a3df1 100644
--- a/src/pybind/mgr/dashboard/frontend/src/testing/unit-test-helper.ts
+++ b/src/pybind/mgr/dashboard/frontend/src/testing/unit-test-helper.ts
@@ -1,5 +1,5 @@
 import { LOCALE_ID, TRANSLATIONS, TRANSLATIONS_FORMAT, Type } from '@angular/core';
-import { async, ComponentFixture, TestBed } from '@angular/core/testing';
+import { ComponentFixture, getTestBed, TestBed } from '@angular/core/testing';
 import { AbstractControl } from '@angular/forms';
 import { By } from '@angular/platform-browser';

@@ -18,31 +18,28 @@
 import {
 AlertmanagerNotificationAlert,
 PrometheusRule
 } from '../app/shared/models/prometheus-alerts';
-import { _DEV_ } from '../unit-test-configuration';
 import { CrushNode } from '../app/shared/models/crush-node';
 import { CrushRule, CrushRuleConfig } from '../app/shared/models/crush-rule';

-export function configureTestBed(configuration: any, useOldMethod?: boolean) {
- if (_DEV_ && !useOldMethod) {
-   const resetTestingModule = TestBed.resetTestingModule;
-   beforeAll((done) =>
-     (async () => {
-       TestBed.resetTestingModule();
-       TestBed.configureTestingModule(configuration);
-       // prevent Angular from resetting testing module
-       TestBed.resetTestingModule = () => TestBed;
-     })()
-     .then(done)
-     .catch(done.fail)
-   );
-   afterAll(() => {
-     TestBed.resetTestingModule = resetTestingModule;
-   });
- } else {
-   beforeEach(async() => {
+export function configureTestBed(configuration: any) {
+ const testBedApi: any = getTestBed();
+ const resetTestingModule = TestBed.resetTestingModule;
```

```

+   beforeAll((done) =>
+     (async () => {
+       // prevent Angular from resetting testing module
+       TestBed.resetTestingModule = () => TestBed;
+       TestBed.resetTestingModule();
+       TestBed.configureTestingModule(configuration);
-     )));
-   }
+   })()
+     .then(done)
+     .catch(done.fail)
+   );
+   afterEach(() => {
+     TestBed._instantiated = false;
+   });
+   afterAll(() => {
+     TestBed.resetTestingModule = resetTestingModule;
+   });
}

export class PermissionHelper {

```

This means to remove the unit test configuration and amending the documentation as well as the unit test script (And remove the usage of the second parameter).

#### Related issues:

Copied to Dashboard - Backport #46693: octopus: mgr/dashboard: Don't have two...

**Resolved**

#### History

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**#1 - 05/11/2020 10:38 AM - Stephan Müller**

- Backport set to *octopus*

**#2 - 05/11/2020 10:48 AM - Alfonso Martínez**

- Status changed from *New* to *Fix Under Review*  
- Pull request ID set to 34965

**#3 - 07/06/2020 04:18 PM - Stephan Müller**

- Status changed from *Fix Under Review* to *Resolved*

**#4 - 07/23/2020 02:58 PM - Stephan Müller**

- Status changed from *Resolved* to *Pending Backport*

**#5 - 07/23/2020 03:17 PM - Stephan Müller**

- Copied to Backport #46693: *octopus: mgr/dashboard: Don't have two different unit test mechanics added*

**#6 - 08/13/2020 08:49 PM - Nathan Cutler**

- Status changed from *Pending Backport* to *Resolved*

While running with --resolve-parent, the script "backport-create-issue" noticed that all backports of this issue are in status "Resolved" or "Rejected".