

PrimeNG Migration: Version 12 → Version 13

Overview

PrimeNG 13 introduces Ivy partial compilation and removes support for ViewEngine and Internet Explorer 11. This release is largely backward-compatible for component APIs and class prefixes, but changes development requirements and default theming.

1. Ivy-Only Compilation

- PrimeNG 13 ships with partial Ivy compilation output. ViewEngine is no longer supported, aligning with Angular 13's removal of ngcc. Ensure your application is running under Ivy (Angular 12+ default).

2. Dropped IE11 Support

- Official support for Internet Explorer 11 is removed. CSS and polyfills for IE11 no longer included in PrimeNG v13 themes. Remove any IE-specific hacks or polyfills from your project.

3. Default Theme Change to Lara

- PrimeNG v13 adopts the new 'Lara' theme as the default. If you were using an older theme (Nova, Luna, Saga), you must explicitly import your preferred theme CSS.

Example Theme Import in angular.json:

```
```json
"styles": [
 "node_modules/primeng/resources/themes/lara-light-indigo/theme.css",
 "node_modules/primeng/resources/primeng.min.css",
 "node_modules/primeicons/primeicons.css",
 "src/styles.scss"
]
```
```

4. Component and Class API Stability

There are no new breaking changes to component templates or CSS class prefixes. All p- classes remain consistent with v12. Verify that any custom CSS still targets the correct p- selectors.

5. Removal of Deprecated APIs

- Any leftover deprecated APIs from PrimeNG <=11 have been removed. For example, ensure you are not using `PrimeNGConfig.ripple` if removed or other removed methods. Refer to the changelog for a list of removed methods and inputs.

6. Dependency Updates and Requirements

- Angular 13 required: Update peer dependencies: @angular/core@^13.0.0, @angular/cli@^13.0.0. - PrimeNG 13 requires PrimeIcons >=4.1.0 and may require PrimeFlex >=3.0.0 for updated utilities.

7. Verification & QA Steps

- Ensure application builds under Ivy without ngcc. - Remove IE11 polyfills and test in supported browsers only (Chrome, Firefox, Edge, Safari). - Review visual styling: confirm theme CSS is correctly applied (Lara or custom).

choice). - Run unit and E2E tests to catch any missing providers or polyfill errors.

8. Migration Plan for v13

1. Update package.json: - primeng to ^13.0.0 - @angular/core and @angular/cli to ^13.0.0 - primeicons to ^4.1.0 - primeflex to ^3.0.0 2. Remove IE11 polyfills from polyfills.ts. 3. Ensure tsconfig.json has enableIvy: true (default in Angular 13). 4. Update angular.json to import desired theme CSS (Lara or custom). 5. Build and address any compiler errors related to missing ngcc steps. 6. Run tests and QA. 7. Deploy.