

XML static code analysis

Unique rules to find Bugs and Code Smells in your XML code

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Custom permissions should not be defined in the 'android.permission' namespace

Analyze your code

Vulnerability

Minor ?

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Defining a custom permission in the `android.permission` namespace may result in an unexpected permission assignment if a newer version of Android adds a permission with the same name. It is recommended to use a namespace specific to the application for custom permissions.

Noncompliant Code Example

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.organization.app">

    <permission
        android:name="android.permission.MYPERMISSION" /> <!-- Sensitive -->

</manifest>
```

Compliant Solution

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.organization.app">

    <permission
        android:name="com.organization.app.permission.MYPERMISSION" />

</manifest>
```

See

- [Mobile AppSec Verification Standard](#) - Platform Interaction Requirements
- [OWASP Mobile Top 10 2016 Category M1](#) - Improper Platform Usage
- [MITRE, CWE-265](#) - Privilege Issues
- [MITRE, CWE-732](#) - Incorrect Permission Assignment for Critical Resource
- [developer.android.com](#) - Define a Custom App Permission

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