

Configuring detection rules for Applications

- Parallels Device Management

Symptoms

When creating `.cmmac` packages of complex applications like Adobe Photoshop or Microsoft Office `CMAppUtil1` may fail to recognize correct detection rules which will lead to Parallels Application Portal misbehavior. This article describes the procedure of setting correct Detections Rules for deployed applications manually.

Resolution

1. Install application in question on the Mac.
2. Open **Terminal** and execute the following command:

```
plutil -p <Info.plist> | grep -e CFBundleIdentifier -e CFBundleShortVersionString
```

where `<Info.plist>` is the path to the application **Info.plist** located in the `/Applications/<app_bundle.app>/Contents`, e.g.:

```
plutil -p /Applications/Parallels\ Desktop.app/Contents/Info.plist | grep -e CFBundleIdentifier
```

The output will show Application version and Application Bundle ID, e.g.:

```
"CFBundleShortVersionString" => "12.1.1"
"CFBundleIdentifier" => "com.parallels.desktop.console"
```

3. If Application is already deployed to the collection(s), delete deployment(s).
4. Delete all detection rules for this application and create only one with **Type - Application Bundle** specifying:

- ◆ `<CFBundleIdentifier>` in **Application Bundle ID** field
- ◆ Version in **Data Type** field.
- ◆ Greater than or equal to in **Operator** field.
- ◆ `<CFBundleShortVersionString>` in **Value** field.

5. Deploy application.