Recast

Application Manager Legacy: Intune Detection Rules

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If you are uploading an application with a custom detection method, you can set the detection method as **Windows Installer**, **File and folder**, or **Registry**.

NOTE: The detection method is in JSON format and you'll need to use the format specified in this article's examples.

Windows Installer

Modifiable values:

- **productVersionOperator**
  - notConfigured, equal, notEqual, greaterThan, greaterThanOrEqual, lessThan, lessThanOrEqual
  - The operator to detect product version.
- **productCode**
  - String value
  - Product code of the Windows installer
- **productVersion**
  - String value
  - Value of the Windows installer

Example 1 – Windows installer product code

```
[{
   "@odata.type": "#microsoft.graph.win32LobAppProductCodeDetection",
   "productVersionOperator": "notConfigured",
   "productCode": "{57F514A0-50E6-463B-A1CB-F173B336F689}",
   "productVersion": "5.5.7"
}]
```

Example 2 – Windows installer product code with specific version

```
[{
   "@odata.type": "#microsoft.graph.win32LobAppProductCodeDetection",
   "productVersionOperator": "equal",
   "productCode": "{57F514A0-50E6-463B-A1CB-F173B336F689}",
   "productVersion": "5.5.7"
}]
```

File and folder

Modifiable values:

- **path**
  - String value
  - Path to a folder containing the target file or folder. Use two backslash to differentiate folders
- **fileOrFolderName**
  - String value
  - Name of the target file or folder
- **check32BitOn64System**

    - true, false
    - A value indicating whether this file or folder is for checking 32-bit app on 64-bit system
- detectionType
    - notConfigured, exists, modifiedDate, createdDate, version, sizeInMB, doesNotExist
    - The file system detection type
- operator
    - notConfigured, equal, notEqual, greaterThan, greaterThanOrEqual, lessThan, lessThanOrEqual
    - The operator to detect product version.
- detectionValue
    - Value of the detection type

Example 1 – Folder exists

```
[{
   '@odata.type': '#microsoft.graph.win32LobAppFileSystemDetection',
   path: 'C:\\Program Files\\Google\\Drive File Stream',
   fileOrFolderName: '54.0.3.0',
   check32BitOn64System: false,
   detectionType: 'exists',
   operator: 'notConfigured',
   detectionValue: null
 }]
```

Example 2 – File version

```
[{
   "@odata.type": "#microsoft.graph.win32LobAppFileSystemDetection",
   "path": "C:\\Program Files\\Google\\Drive File Stream\\54.0.3.0",
   "fileOrFolderName": "GoogleDriveFS.exe",
   "check32BitOn64System": false,
   "detectionType": "version",
   "operator": "equal",
   "detectionValue": "54.0.3.0"
}]
```

Registry

Modifiable values:

- check32BitOn64System
    - true, false
    - A value indicating whether this registry path is for checking 32-bit app on 64-bit system
- keyPath
    - String value
    - Path to a target registry key
- valueName
    - String value
    - The target registry value name
- detectionType
    - notConfigured, exists, modifiedDate, createdDate, version, sizeInMB, doesNotExist
    - The registry data detection type
- operator
    - notConfigured, equal, notEqual, greaterThan, greaterThanOrEqual, lessThan, lessThanOrEqual
    - The operator for registry data detection

- detectionValue
  - The registry detection value

Example 1 - Registry string value

```
[{
   "@odata.type": "#microsoft.graph.win32LobAppRegistryDetection",
   "check32BitOn64System": false,
   "keyPath": "HKEY_LOCAL_MACHINE\\SOFTWARE\\Microsoft\\Windows\\CurrentVersion\\Uninstall\\O365ProPlusRetail - en-us",
   "valueName": "DisplayVersion",
   "detectionType": "string",
   "operator": "greaterThanOrEqual",
   "detectionValue": "16.0.14931.20132"
}]
```

Example 2 - Registry value exists

```
[{
   "@odata.type": "#microsoft.graph.win32LobAppRegistryDetection",
   "check32BitOn64System": false,
   "keyPath": "HKEY_LOCAL_MACHINE\\SOFTWARE\\Microsoft\\Windows\\CurrentVersion\\Uninstall\\O365ProPlusRetail - en-us",
   "valueName": "DisplayVersion",
   "detectionType": "exists",
   "operator": "notConfigured",
   "detectionValue": "null"
}]
```