



Find Tables and help

System Insights Tables contain data about your JumpCloud systems. To find information on valid tables visit <https://docs.jumpcloud.com/2.0/system-insights>

Query Installed Applications and Versions

Windows and macOS utilize different tables for application reporting - "apps" for macOS and "programs" for Windows

Find MacOS systems which have Firefox installed

```
$app = "Firefox"
$sys = Get-JCSystem -os 'Mac OS X'
ForEach ($system in $sys) {
    Get-JCSystemInsights -Table app -SystemId
    $system._id | Select-Object SystemId, BundleName,
    BundleShortVersion | Where-Object BundleName -eq $app
}
```

Find Windows systems which have VSCode installed

```
$app = "Microsoft Visual Studio Code (User)"
$sys = Get-JCSystem -os 'Windows'
ForEach ($system in $sys) {
    Get-JCSystemInsights -Table program -SystemId
    $system._id | Select-Object systemid, name, version |
    Where-Object name -eq $app
}
```

System Insights Example Commands

Report all systems and their OS versions

```
Get-JCSystemInsights -Table osversion | Select-Object
systemid, name, version
```

Report battery condition status across all systems

```
$sys = Get-JCSystem
ForEach ($system in $sys) {Get-JCSystemInsights
-SystemId $system._id -Table battery | Select-Object
systemid, condition }
```

Get MAC addresses of systems filtering out addresses equal to '00:00:00:00:00:00'

```
Get-JCSystemInsights -Table interfacedetail |
Select-Object systemid, mac | Where-Object mac -ne
00:00:00:00:00:00
```

Find which systems have a Windows KB patch

```
Get-JCSystemInsights -Table patch | Select-object
systemid, hotfixid, installedon | Where-Object
hotfixid -eq KB4516115
```

Find which systems are missing a Windows KB patch

```
Get-JCSystemInsights -Table patch | Where-Object
hotfixid -ne KB4516119332 | Select-object systemid |
Get-Unique -AsString
```

Determine Existing users on a Device

```
Get-JCSystemInsights -Table user -SystemId
"606234d059efa818426bb7b7" | Select-Object username,
UUID, type
```