

# OCSI Agent

## 1. Introduction

(Last update: 2021/01/26)

This document explains how to create a package for upgrading the OCS Inventory agent using OCS Inventory's deployment feature.

<b>Operating systems</b>	Windows 64-bits
<b>Features</b>	<ul style="list-style-type: none"><li>• Upgrades the OCS Inventory agent if needed</li><li>• Installs following plugins:<ul style="list-style-type: none"><li>• Installed drivers</li><li>• services windows</li><li>• Machine uptime</li><li>• Logitech driver firmware list</li><li>• Universal windows platforms apps</li><li>• DNS suffix list</li></ul></li></ul>
<b>Installation scope</b>	All workstations

## 2. Procedure

### 2.1. Get the latest OCS Inventory agent binary

(Last updated: 2017/12/12)

Go to <https://github.com/OCSInventory-NG/WindowsAgent/releases> and download the zip file of the latest release (Note: do not download the portable version).

The screenshot shows the GitHub release page for OCSInventory-NG/WindowsAgent. The release is titled "Agent Windows 2.6.0.0" and was released 20 days ago. The release notes mention that the OCS Inventory team is pleased to announce the 2.6.0.0 stable version. The changes in this version include refactoring the agent in 64 bits, adding deployment support for packages larger than 4GB, fixing a bug with the OcsSystray.exe process, and updating libraries. The release notes also mention that the 2.6 version is only compatible on 64-bit machines. The assets section shows four assets: "OCS-Windows-Agent-2.6.0.0-Portable.zip" (8.98 MB), "OCS-Windows-Agent-2.6.0.0.zip" (5.44 MB), "Source code (zip)", and "Source code (tar.gz)". The "OCS-Windows-Agent-2.6.0.0.zip" asset is highlighted with a red circle.

### 2.2. Get the latest version of the plugins

(Last updated: 2021/01/26)

Got to <http://plugins.ocsinventory-ng.org> and download the "Installed drivers", "Services Windows", "Scheduled Tasks", and "Machine Uptime" plugins.

Get the "Logitech Driver Firmware List" plugin from [Logitech List Firmware Drivers Plugin](#) (attached file "logitechfw.zip").

Get the "DNS Suffix List" plugin from `\\office.fw.belnet.be\doc-logistics\OCSI Plugins\DNS suffix list Plugin`.

Get the "Universal Windows Platforms apps" plugin from <https://github.com/PluginsOCSInventory-NG/Universal-Windows-Platforms-Apps/archive/master.zip>

### 2.3. Make a zip archive for OCS package deployment

(Last updated: 2022/01/18)

Create a folder called "ocsi" and a subfolder called "plugins".

Unzip the plugins you've downloaded, and copy the files located in the "agent" folder in the "ocsi\plugins" folder.

Extract the "OCS-Windows-Agent-Setup-x64.exe" file from the latest OCS Inventory agent binary archive you've downloaded at step 2.1

Create a file called install.ps1 with the following content:

#### install.ps1

```
# Find installation path (Servers install in %ProgramFiles(x86)% while workstations install on %ProgramFiles%)
$installedServicePath = (Get-ChildItem -Path 'Env:\ProgramFiles').Value + '\OCS Inventory Agent\OcsService.exe'
if (!(Test-Path -Path $installedServicePath)) {
    $installedServicePath = (Get-ChildItem -Path 'Env:\ProgramFiles(x86)').Value + '\OCS Inventory Agent\OcsService.exe'
}

# Install newer version only if needed
$newVersion = (Get-Item ".\OCS-Windows-Agent-Setup.exe").VersionInfo.FileVersion
$installedVersion = (Get-Item $installedServicePath).VersionInfo.FileVersion
if ($installedVersion -eq "" -or $newVersion -ne $installedVersion) {
    try {
        .\OCS-Windows-Agent-Setup-x64.exe /S /NOSPLASH /UPGRADE /SERVER=https://houdini.fw.belnet.be/ocsinventory
    } Catch {
        # Error
        exit 1
    }
}

# Install plugins
$pluginsPath = (Get-ChildItem -Path 'Env:\ProgramFiles').Value + '\OCS Inventory Agent\Plugins'
if (!(Test-Path -Path $pluginsPath)) {
    $pluginsPath = (Get-ChildItem -Path 'Env:\ProgramFiles(x86)').Value + '\OCS Inventory Agent\Plugins'
    if (!(Test-Path -Path $pluginsPath)) {
        exit 2
    }
}
Copy-Item ".\plugins\*" -Destination $pluginsPath
```

Create a file called install.bat with the following content:

#### install.ps1

```
XCOPY /Y /E * C:\temp\
powershell.exe -ExecutionPolicy Unrestricted -NonInteractive -command "C:\temp\install.ps1"
```

Create a zip archive of the "ocsi" folder.

## 2.4. Package building parameters for OCS

(Last update: 2020/12/09)

Build the package as described in [OCS - Package deployment procedure](#), with the following parameters

- Name: OCSI Agent latest + plugins
- Description: <same as name>
- Operating System: WINDOWS
- Protocol: HTTP (default)
- Priority: 5 (default)
- File: Upload the zip file created here above
- Action: Execute a file
- Command : install.bat

## 3. Known issues and bugs

(Last update: 2020/12/23)

- Version 2.8 may not update itself properly. That should be fixed in version 2.9 (<https://github.com/OCSInventory-NG/WindowsAgent/issues/202>)

## 4. References

(Last update: 2019/06/20)

<https://wiki.ocsinventory-ng.org/07.OCS-Tools/OCS-Inventory-NG-Agent-Deployment-Tool/>