

List of Windows 7 Telemetry Updates

The following Windows updates are related to telemetry and diagnostic data.

- [KB971033](#)-- Description of the update for Windows Activation Technologies
- [KB2952664](#) -- Compatibility update for keeping Windows up-to-date in Windows 7
- [KB2976978](#) -- Compatibility update for keeping Windows up-to-date in Windows 8.1 and Windows 8
- [KB2990214](#) -- Update that enables you to upgrade from Windows 7 to a later version of Windows
- [KB3021917](#) -- Update to Windows 7 SP1 for performance improvements
- [KB3022345](#) -- Update for customer experience and diagnostic telemetry
- KB3035583 -- Update installs Get Windows 10 app in Windows 8.1 and Windows 7 SP1
- [KB3044374](#) -- Update that enables you to upgrade from Windows 8.1 to Windows 10
- [KB3068708](#) -- Update for customer experience and diagnostic telemetry
- [KB3075249](#) -- Update that adds telemetry points to consent.exe in Windows 8.1 and Windows 7
- [KB3080149](#) -- Update for customer experience and diagnostic telemetry
- [KB3123862](#) -- Updated capabilities to upgrade Windows 8.1 and Windows 7

You can remove any of the patches using two methods:

1. Tap on the Windows-key, type Windows Update, and hit the Enter-key.
2. Select Installed Updates on the window that opens.
3. Right-click on updates and select uninstall to remove them from the system.

Second method uses the command line instead:

1. Tap on the Windows-key, type cmd.exe, hold down Shift and Ctrl, and hit the Enter-key. This opens an elevated command prompt.
2. Use the command **wusa /uninstall /kb:3080149 /quiet /norestart** to remove updates.
3. Replace the number after kb: with the update that you want to remove.

Make sure you hide any update that you have removed, as it will be picked up by Windows again the next time Windows Update checks for update.

The Windows\System32\CompatTel folder

The CompatTel folder is still there after you remove the telemetry updates on the machine. One change that you may notice is that the older Telemetry client, diagtrackrunner.exe is in that folder, and not the newer compattelrunner.exe.

You cannot remove the folder or files directly, as you [need ownership](#) first for that.

Turn off the Customer Experience Improvement Program

We have posted a tutorial already that explains how to [turn off the Customer Experience Improvement Program](#).

Basically, what you do is click on Start, type customer experience, and select the "change customer

experience improvement program settings" result. Select "No, I don't want to participate in the program" when the new settings window opens.

Remove the Telemetry service

Next thing on the list is to remove the [Diagnostic Tracking service](#). It may not exist anymore already, but I suggest you run the commands below just to make sure.

Open an elevated command prompt -- if it is not still open -- and run the following commands:

1. sc stop Diagtrack
2. sc delete Diagtrack

The first command stops the Diagtrack service, the second deletes it.

Blocking Microsoft Servers

Caution: Some servers and IP addresses may be used by other Windows services. If you notice that some are not working anymore, disable them one by one until you find the culprit that you need to exclude from the blocking.

Note: the following servers cannot be blocked using the hosts file. You need to block them using another means, e.g. router firewall or installed firewall.

- onsettings-hk2.metron.live.com.nsadc.net
- onsettings-bn2.metron.live.com.nsadc.net
- onsettings-cy2.metron.live.com.nsadc.net
- vortex-hk2.metron.live.com.nsadc.net
- vortex-db5.metron.live.com.nsadc.net

Other servers you may want to block:

- 134.170.30.202
- 137.116.81.24
- 204.79.197.200
- 23.218.212.69
- 65.39.117.230
- 65.55.108.23
- a-0001.a-msedge.net
- choice.microsoft.com
- choice.microsoft.com.nsadc.net
- compatexchange.cloudapp.net
- corp.sts.microsoft.com
- corpect.msitadfs.glbdns2.microsoft.com
- cs1.wpc.v0cdn.net
- df.telemetry.microsoft.com
- diagnostics.support.microsoft.com
- fe2.update.microsoft.com.akadns.net
- feedback.microsoft-hohm.com
- feedback.search.microsoft.com
- feedback.windows.com

- il.services.social.microsoft.com
- il.services.social.microsoft.com.nsatc.net
- oca.telemetry.microsoft.com
- oca.telemetry.microsoft.com.nsatc.net
- pre.footprintpredict.com
- redir.metaservices.microsoft.com
- reports.wes.df.telemetry.microsoft.com
- services.wes.df.telemetry.microsoft.com
- settings-sandbox.data.microsoft.com
- settings-win.data.microsoft.com
- sls.update.microsoft.com.akadns.net
- sqm.df.telemetry.microsoft.com
- sqm.telemetry.microsoft.com
- sqm.telemetry.microsoft.com.nsatc.net
- statsfe1.ws.microsoft.com
- statsfe2.update.microsoft.com.akadns.net
- statsfe2.ws.microsoft.com
- survey.watson.microsoft.com
- telecommand.telemetry.microsoft.com
- telecommand.telemetry.microsoft.com.nsatc.net
- telemetry.appex.bing.net
- telemetry.appex.bing.net:443
- telemetry.microsoft.com
- telemetry.urs.microsoft.com
- vortex.data.microsoft.com
- vortex-sandbox.data.microsoft.com
- vortex-win.data.microsoft.com
- watson.live.com
- watson.microsoft.com
- watson.ppe.telemetry.microsoft.com
- watson.telemetry.microsoft.com
- watson.telemetry.microsoft.com.nsatc.net
- wes.df.telemetry.microsoft.com

Deleting Scheduled Tasks

Windows 7 and 8.1 run a lot of tasks that send data to Microsoft.

1. Tap on the Windows-key, type Task Scheduler, and hit the Enter-key.
2. Navigate to Microsoft > Windows in the task hierarchy, and delete (or disable) the following tasks:
3. All tasks with Application Experience.
4. All tasks with Autochk.
5. All tasks with Customer Experience Improvement Program.
6. DiskDiagnosticDataCollector under DiskDiagnostic.
7. WinSAT under Maintenance.
8. Deactivate all Media Center tasks.

Closing Words

There is always the chance that new updates will add new services or tasks. This is why it is recommended to set Windows Update to inform but not download and install automatically. You could do what the two lead administrators do on this group and remove the entire update mechanism from the system. Also, don't forget about Internet Explorer removal. Be sure to install all C++ re-distributions and needed Net Frameworks prior to doing so. You cannot always install these afterwards.