

# Firefox Request for Data Collection

New Firefox-related data collection (for client (e.g. telemetry) and services (e.g. Firefox Accounts) must be reviewed prior to deployment of collection code. Please use this template to submit for data review.

## Purpose of data collection review

- Ensure that the proposed data collection meets our data and privacy policies relating to the specifics of the measurement specifications
- Ensure that there is sufficient documentation for all data collection in the Product

Once you have completed this form, please send to your Data Steward for review.

Before answering this form, think through the following questions:

- What data-driven questions am I trying to answer?
- What data do I actually need to collect to answer these questions?
- How long do I need to have the data?
- How identifiable does the data need to be? (E.g. Can it be aggregated upon collection?)

The following questions are mandatory for all new data collection. **You must have answers to the following questions before you proceed with any work on new data collection.**

1) What are the motivating questions you want to answer with this data?

How often do we have to weaken the process sandbox policy on Windows 7 by not using a Job object.

2) Why does Mozilla need answers to this question? Are there benefits for users? Do we need this information to address business requirements?

There are an unknown number of people who run Firefox within a Windows Job. These are likely to be people running Firefox in a remote session or people running Firefox locally using the runas command to run as a user with fewer privileges.

On Windows 7, we cannot use Jobs as part of the process sandbox if Firefox is already running in a Job.

This is probably unavoidable for remote sessions, but the technique of using runas for security purposes is now counterproductive with the process sandbox.

So, we would like to add telemetry to measure how many people are running Firefox in a Job for remote and local sessions, which mean we have to stop using a Job in the policy for Windows 7.

3) List all proposed measurements. Refer to [data collection types for Firefox](#) on the Mozilla wiki and indicate types of measurements for each one. General characterization of your data collection request will fall the highest type of data.

High-level Description	Measurement type	Tracking Bug #
<b>Whether we have to not use a Job for the process sandbox policy. Keyed on Local and Remote sessions.</b>	Category 1 "Technical data" <b>Opt-out Keyed boolean</b>	<b>1392570</b>

4) How long will this data be collected? Choose one of the following:

- This is scoped to a time-limited experiment/project until Firefox 62.
- I want this data to be collected for 6 months initially (potentially renewable).
- I want to permanently monitor this data. (put someone's name here)

5) What populations do you need to these measurements for?

- All Windows 7 users running Firefox within a Job.

6) Please provide a general description of how you will analyze this data.

Telemetry will be recorded once per session, once we know the scale of the problem, we can make a decision on whether and how we can stop supporting Firefox being run within a Job on local sessions.

7) What alternative methods did you consider to answer this question? Why were they not sufficient?

We have no other way to answer this question.

8) Can current instrumentation answer this question?

No

9) Where do you intend to share the results of your analysis?

Within the Content Isolation team and possibly wider depending on how we decide to proceed with stopping the support for Jobs on local sessions.

## Supplementary details

The following questions are mandatory by the time of shipping your instrumentation code.

**Describe the analysis you will perform on the collected data to answer the motivating question.**

- The product manager/**engineering lead**/other will monitor telemetry.mozilla.org dashboards (circle one or more).
- The product manager/engineering lead/other will receive alerts from telemetry.mozilla.org
- The product manager/engineering lead/other will monitor a custom dashboard at sql.telemetry.mozilla.org
- Other (please describe in extensive detail below)

**What data platform are you using to collect this data?**

- Unified Telemetry

**If using Unified Telemetry, please indicate how your measurements are implemented.**

- Telemetry scalar (main ping)

**Provide an example of the measurement artifact (e.g. JSON blob) that will be produced**

- Unified Telemetry