

Save Data CH Design Doc

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Introduction

The current Save-Data header is [sent whenever Data Saver is on \(and not otherwise\)](#) on both first and third party requests. Although this header is [supposed to be part](#) of the client hints system, it currently isn't, and thus its delegation cannot be communicated via [permissions policies](#).

Example of current HTTP header when Data Saver is on:

Save-Data: on

Example of current HTTP header when Data Saver is off:

[NOTHING SENT]

Proposal

The existing Save-Data header will be made a formal client hint by adding a new CH-Save-Data [permissions policy](#) that controls its delegation. This hint will still be sent by default, delegated to all first and third parties by default, and will still only be sent if [Data Saver is on](#) (whereas all other client hints are sent regardless).

Example of delegation via HTTP header:

Permissions-Policy: ch-save-data=(self "https://bar.com/")

Example of delegation via HTML markup:

`<meta name="Accept-CH" content="save-data=(https://bar.com/)">`

Timeline

1. Q1 2022
 - a. Save-Data intent to ship announced
 - b. Save-Data shipped