



# The Printer Working Group

## IPP Authentication Methods Overview

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# IPP Authentication Methods

- PWG Best Practice published in 2019
  - <https://ftp.pwg.org/pub/pwg/ipp/informational/bp-ippauth10-20190816-5199.10.pdf>
- Discusses and illustrates via sequence diagrams how the surveyed HTTP authentication methods can be incorporated into IPP
  - none
  - "requesting-user-name" (basically "trust me")
  - Basic
  - Digest
  - Negotiate (Kerberos)
  - OAuth
  - Certificate (TLS client certificate)

# OAuth Updates

- OAuth section developed with help from Microsoft
- Google's Chromium OS has some other ideas on certain steps
  - <https://ftp.pwg.org/pub/pwg/liaison/openprinting/presentations/Printer%20Working%20Group%20-%20ChromiumOS%20Update%202022.pdf>
  - Different than what is in 5199.10 but does identify additional relevant requirements
- Meeting on July 7 to discuss updates and resolutions to ambiguity and evolving use cases