

Statement of Work

IPP Version 2 (IPPv2)

IPP Working Group (WG)

Status: Draft

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<ftp://ftp.pwg.org/pub/pwg/ipp/ippv2-docs/wd-ippv2-statement-of-work-20080625.pdf>

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Problem Statement:

Since the release of the original IETF IPP/1.1 specifications (RFCs 2910 and 2911) numerous extensions to the protocol have been developed. Some of these extensions were published as IETF standards-track RFCs and the remainder were published as PWG standards-track specifications. Most current IPP developers are not aware of the existence of these extensions, and there is no published document that references all of the extension specifications. As a consequence, very few of the extensions have been widely implemented.

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The goal of the IPP version 2 project is to develop a new specification that pulls together all of the current IPP documents into a set of IPP/2.x levels. The format of this new specification will simply be a reference to the existing documents along with the conformance requirements for each IPP/2.x level. No new IPP functionality or features, beyond those included in the current extensions, will be defined in this new specification.

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Out-of-scope:

- OSS-1 New IPP functionality or features, MUST NOT be included in this IPP/2.x specification.
- OSS-2 Details of IPP commands, attributes, or other features MUST NOT be included in this IPP/2.x specification, except as needed (e.g., references to attributes REQUIRED by newly REQUIRED operations).

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Objectives:

- OBJ-1 Include a reference to every IPP IETF and PWG standards-track document, starting with the original IETF IPP/1.1 (RFCs 2910 and 2911).

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- OBJ-2 Include every current IPP standards-track feature (e.g., TLS/1.0 security).
- OBJ-3 Classify every current IPP standards-track features as REQUIRED or OPTIONAL.

Milestones:

Charter Stage:

- SOW-1 Initial working draft of IPP version 2 Statement of Work – February 2008.
- SOW-2 Interim/Stable working draft of IPP version 2 Statement of Work – June 2008.
- SOW-3 PWG approval of IPP version 2 Statement of Work – July 2008.

Definition Stage:

- USE-1 Initial study to locate all IPP specifications. – Q1 2008 – DONE
- USE-2 Define the format and subject content of the document. – Q2 2008 – DONE
- PROFILE-1 First draft document – Q2 2008 – DONE
- PROFILE-2 Prototype draft document (complete content) – Q3 2008
- PROFILE-3 Stable draft document for PWG Last Call – Q4 2008
- PROFILE-4 Final draft document for PWG Formal Approval vote – Q4 2008

Implementation Stage:

- INTEROP-1 Interoperability testing of IPP/2.1 implementations – Q2 2009
- INTEROP-2 Interoperability testing of IPP/2.2 implementations – Q3 2009

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