# Charter of the PWG

# IPP Version 2 (IPPv2) Project

# IPP Working Group (WG)

## IPP WG Chair:

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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.

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. In order to complete all of the objectives of this IPP Version 2.0 project charter, an IPP Version 2.0 Second Edition will be developed to define the IPP/2.2 level and to add all of the remaining IETF and PWG specifications. Separately, the work-in-progress IPP Production Printing Attributes Set 2 (PPSet2) specification will be completed for inclusion, by reference, in IPP Version 2 Second Edition.

## Out-of-scope:

- OSS-1  New IPP functionality or features MUST NOT be included in this IPPv2 specification.
- OSS-2  Details of IPP objects, operations, attributes, or other features MUST NOT be included in this IPPv2 specification, except as needed (e.g., references to attributes REQUIRED by newly REQUIRED operations.

# 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) in IPP/2.0, IPP/2.1, and/or IPP/2.2 levels.
- OBJ-2  Include every current IPP standards-track feature (e.g., TLS/1.0 security).
- OBJ-3  Classify every current IPP standards-track feature as REQUIRED or OPTIONAL for each of the IPP/2.0, IPP/2.1, and IPP/2.2 levels.

# 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 –  November 2008
- SOW-3  PWG approval of IPP Version 2 Statement of Work – November 2008
- SOW-4  Interim/Stable working draft of IPP Version 2 Project Charter – August 2009
- SOW-5  PWG approval of IPP Version 2 Project Charter – August 2009

**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 IPPv2 – Q2 2008 – DONE
- PROFILE-2  Prototype draft IPPv2 (complete content) – Q1 2009 – DONE
- PROFILE-3  Stable draft IPPv2 for PWG Last Call – Q1 2009 – DONE
- PROFILE-4  Final draft IPPv2  for PWG Formal Approval vote – Q2 2009 – DONE
- PPSET2-1  Prototype draft PPSet2 (complete content) – Q3 2009 – DONE
- PPSET2-2  Stable draft PPSet2 for PWG Last Call – Q4 2009
- PROFILE-5  Initial draft IPPv2 Second Edition w/ IPP/2.2 – Q1 2010
- PROFILE-6  Prototype draft IPPv2 Second Edition w/ IPP/2.2 – Q1 2010
- PROFILE-7  Stable draft IPPv2 Second Edition w/ IPP/2.2 for PWG Last Call – Q2 2010

**Implementation Stage:**

- INTEROP-1  Interoperability testing of IPP/2.0 and IPP/2.1 implementations – Q2 2010
- INTEROP-2  Interoperability testing of IPP/2.2 implementations – Q4 2010