

1. Versioning rules:

- Mandate common encoding across all versions**
- Ignore new elements for minor versions**
- New major versions indicate support requirements**

2. Allow empty attribute groups

- Be conservative in what is sent**
- Be liberal (forgiving) in what is accepted.**

3. ALL operations MAY return "Unsupported Attributes"

4. Define protocol upper bounds for

- URIs, charsets, natural language identifiers, etc.**

5. MUST implement requirements for text and name strings

- Some strings 63 octets, others 127, other 1023

6. Clarified validation checks for operation processing

7. Non-secure implementations

- Client supplied "requesting-user-name"
- If not, Printer generates a name (NEED NOT be unique)

8. Removed "copies-collated" attributes

9. Identified source(s) for text and name attributes

- end user, device vendor, operator, administrator
- allow any natural language for non-generated strings
- "generated-natural-language-supported"

10. Keep "charset-supported"

11. Clarified semantics of "page-range" attribute

12. Media attributes

- If support "media-default" then MANDATORY**
- If support "media-supported" then MANDATORY**
- If support "media-ready" then OPTIONAL**

13. Added missing status codes

- "server-error-not-accepting-jobs"**
- "server-error-version-not-supported"**

14. Note that IPP is already aligned with <draft-iesg-iana-considerations-01.txt>

15. Made "application/ipp" a "common usage" MIME type
- added "request ID" for other transports (SMTP)
- "application/ipp" is self-contained

16. Security:

- Allow for "non-secure"**
- If security, then TLS**
mutual authentication
secure channel
- For HTTP/1.1 mapping**
mandate only what HTTP/1.1 mandates

17. Provide input to SRVLOC Printer Scheme I-D

18. Register SNMP document formats as MIME media types

19. Register "application/ipp as MIME media type