

Cloud Compression Support

- IPP INFRA 1.0 spec states in Fetch-Document, a printer which does not provide compression-accepted, defaults to wanting an uncompressed document
- However, this seems counter to cloud goals:
 - If the printer said it supported gzip compression, and the client sent a gzip compressed document, the standard case is the cloud wants to use compression to optimize the client-to-cloud traffic and would also want compression to optimize the cloud-to-printer traffic. Cloud network traffic can be costly and paid per byte
 - The printer initially reported it could handle gzip compression. It seems strange that the default is it changed its mind
 - By being a default, this is almost a guarantee that many proxy implementations will not supply compression-accepted
 - Which results in wasted cloud compute cost, requiring the cloud to uncompress
- If compression-accepted instead defaulted to compression-supported (like document-format-accepted defaults to document-format-supported), these issues would be addressed, and still allow printers to request the cloud do document compression conversions if desired by supplying a desired value for compression-accepted, e.g. 'none'