7.3 Job Template Attributes

Table 1Table 3 lists all of the Job Template attributes defined in other IPP documents and shows their behavior for IPPFAX Jobs, i.e., Jobs created using an IPPFAX URL. As in [RFC2911], the term "Job Template attribute" is actually up to four attributes: the "xxx" Job attributes, and the "xxx-default", "xxx-supported", and possibly the "xxx-ready" Printer attributes. The IPPFAX semantics column contains the following values:

"Receiver MUST support" - The Receiver MUST support the Job Template attribute for an IPPFAX Job. However, the attributes and values returned by the Receiver with the Get-Printer-Attributes operation are the values for the IPPFAX service, not IPP.

"Receiver MUST NOT support" - The Receiver MUST NOT support the Job Template attribute for an IPPFAX Job (and the IPPFAX Sender MUST NOT supply). If these attributes are supplied in an IPPFAX Job, the Receiver MUST reject the Job Creation operation. When querying the Receiver with the Get-Printer-Attributes operation on an 'ippfax' URL, the corresponding "xxx-default" and "xxx-supported" MUST NOT be returned. Note: These are attributes which might degrade the appearance of the document or provide a significantly non-FAX feature, such as "number-up" or "copies", respectively.

"same as IPP, if supportedReceiver MAY support" - if these Job Template attributes are supported by the Receiver and are supplied in an IPPFAX Job, the Job Creation operation MUST be performed as for IPP jobs. However, when querying the Printer with the Get-Printer-Attributes operation on an 'ippfax" URL, the attributes and values returned MAY defer differ from those returned on an 'ipp' URL-.

"Sender MUST supply" - the Sender MUST supply this Job Template attribute in an IPPFAX Job Creation request, i.e., on the ippfax URL.

Table 13 - IPPFAX Semantics for Job Template Attributes

Job Template Job attribute	IPPFAX semantics	Reference
copies	Receiver MUST NOT support	[RFC2911]
cover-back	Receiver MAY support	[prod-print]
cover-front	Receiver MAY support	[prod-print]
document-overrides	Receiver MAY support	[collection]
finishings	Receiver MAY support	[RFC2911]
finishings-col	Receiver MAY support	[prod-print]
force-front-side	Receiver MAY support	[prod-print]
imposition-template	Receiver MUST NOT support	[prod-print]
insert-sheet	Receiver MUST NOT support	[prod-print]
job-account-id	Receiver MAY support	[prod-print]

job-accounting-sheets	Receiver MAY support	[prod-print]
job-accounting-user-id	Receiver MAY support	[prod-print]
job-error-sheet	Receiver MAY support	[prod-print]
job-hold-until	Receiver MUST NOT support	[RFC2911]
job-message-to-operator	Receiver MAY support	[prod-print]
job-priority	Receiver MUST NOT support	[RFC2911]
job-sheet-message	Receiver MAY support	[prod-print]
job-sheets	Receiver MAY support	[RFC2911]
job-sheets-col	Receiver MAY support	[prod-print]
media	Receiver MUST support; Sender MUST supply (see section **Error! Reference source not found.**)	[RFC2911]
media-col	Receiver MAY support	[prod-print]
media-input-tray-check	Receiver MUST NOT support	[prod-print]
multiple-document-handling	Receiver MAY support	[RFC2911]
number-up	Receiver MUST NOT support	[RFC2911]
orientation-requested	Receiver MUST NOT support	[RFC2911]
output-bin	Receiver MUST NOT support	[output-bin]
page-delivery	Receiver MUST NOT support	[prod-print]
page-order-received	Receiver MUST NOT support	[prod-print]
page-overrides	Receiver MAY support	[collection]
page-ranges	Receiver MUST NOT support	[RFC2911]
pages-per-subset	Receiver MUST NOT support	[collection]
presentation-direction-number-up	Receiver MUST NOT support	[prod-print]
print-quality	Receiver MUST NOT support	[RFC2911]
printer-resolution	Receiver MUST support; Sender MAY supply (see section **Error! Reference source not found.**)	[RFC2911]
separator-sheets	Receiver MAY support	[prod-print]
sheet-collate	Receiver MUST NOT support	[job-prog]
sides	Receiver MAY support	[RFC2911]
x-image-position	Receiver MUST NOT support	[prod-print]
x-image-shift	Receiver MUST NOT support	[prod-print]
x-side1-image-shift	Receiver MUST NOT support	[prod-print]
x-side2-image-shift	Receiver MUST NOT support	[prod-print]
y-image-position	Receiver MUST NOT support	[prod-print]
y-image-shift	Receiver MUST NOT support	[prod-print]
y-side1-image-shift	Receiver MUST NOT support	[prod-print]
y-side2-image-shift	Receiver MUST NOT support	[prod-print]