



Votiro Cloud v9.9

File Type Anomalies and Limitations

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1 Supported File Types

The File Types table lists the file types and attributes supported by Votiro Cloud. The information is arranged according to the categories that appear in the **Action by File Type** area of the **Policies** page in the Votiro Management Dashboard.

- Types marked with ^ are scanned by the Positive Selection® Engine and their true file type is verified based on their structure. The files are not modified by this process.
- Types marked with ** are obsolete. They are not recommended as filters in a production environment. Support for these types might be discontinued in a later version.

Table 1 File Types

File Type in Management	File Type	Family Type	Main Extension
PDF	PDF	Adobe PDF	pdf
	XFA	Xfa Files	pdf
Image	Animated GIF	Raster Image Files	gif
	BMP	Raster Image Files	bmp
	EMF	Vector Image Files	emf
	GIF	Raster Image Files	gif
	HEIF ^	Raster Image Files	heic, heif
	JPEG	Raster Image Files	jpeg, jpg, emf, jp2
	PNG	Raster Image Files	png, emf
	Portable Gray Map Image File ** ^	Raster Image Files	pgm
	PPM File ** ^	Raster Image Files	ppm
	SVG	Vector Images Files	svg
	TIF	Raster Image Files	tif, tiff
	WDP	Raster Image Files	Wdp
	WMF	Vector Image Files	wmf
	ICO	Icon Image Files	ico
	PCX	Picture Exchange Files	pcx
	WEBP	Raster Image Files	webp
Binary	Binary File ^	Any Binary Files	dat, db
	Executable ^	Any Binary Files	exe, com, dll, pif, sfx, msu, msp, msi, mo

File Type in Management	File Type	Family Type	Main Extension
Archive	Bzip2 ^	Single compressed file	bz2
	7Z File	Archives	7z
	CAB file ^	Archives	cab, wsp
	GZ File	Archives	gz
	GZIP File	Archives	gzip
	InstallShield CAB file ^	Archives	cab
	LZH File ^	Archives	lzh
	RAR File	Archives	rar, rar5
	Tar File	Archives	tar
	VMware Virtual Machine Disk ^	Archives	vmdk
	Xz ^	Single compressed file	xz
	ZIP File	Archives	zip
RTF	RTF Files	RTF Files	rtf
Email	Calendar File	Calendar Files	ics
	DAT File ** ^	EML Files	dat
	EML File	EML Files	eml, tmp
	Encrypted EML File ^	EML Files	eml, tmp, p7s, p7m
	HTML Body ^	HTML Files	html, htm
	HTML Attachments	HTML Files	html, htm
	MSG File	MSG Files	msg
	PST ^	PST Files	pst
	PST ANSI ^	PST Files	pst
	RPMSG Files ^	Restricted Permission Message Files	rpmsg
	TNEF Calendar Files **	EML Files	eml
	TNEF File **	EML Files	eml
	VCF File	Contact Files	vcf

File Type in Management	File Type	Family Type	Main Extension
Microsoft Office	Excel	Microsoft Office	xls, xlt, xml

File Type in Management	File Type	Family Type	Main Extension
	Excel (2007-2010)	Microsoft Office	xlsx
	Excel95 Files	Office	xls
	Excel Binary	Microsoft Office Binary Files	xlsb
	Excel on xml format ^	Malformed Microsoft Office	xls
	Excel Template	Microsoft Office	xltx, xltm
	Excel with Macros	Microsoft Office with Macros	xlsm
	ExcelXML	Microsoft Office	xml
	Internal Office XML ^	Text Files	xml, xml.rels, rels, vml
	Macro File ^	Office Macro Files	bin
	Obsolete Office Files ** ^	Microsoft Office	wri
	Power Point	Microsoft Office	ppt, pps, ppsx, xml, pot
	Power Point (2007-2010)	Microsoft Office	pptx
	Power Point Slide (2007-2010)	Microsoft Office	sldx
	Power Point Slide with Macros (2007-2010)	Microsoft Office with Macros	sldm
	Power Point Template	Microsoft Office	potx
	Power Point Template with Macros	Microsoft Office with Macros	potm
	Power Point with Macros	Microsoft Office with Macros	pptm
	PowerPointXML ^	Microsoft Office	xml
	Printer Settings	Microsoft Office Embedded Files	bin
	Project ^	Microsoft Office	mpp

File Type in Management	File Type	Family Type	Main Extension
	Unknown Ole Object (see note)	OLE Object	bin
	Visio	Microsoft Office	vsd
	Visio (2007-2010)	Microsoft Office	vsdx
	Visio with Macros	Microsoft Office with Macros	vsdm
	Word	Microsoft Office	doc
	Word (2007-2010)	Microsoft Office	docx
	Word Pre-2007 Template	Microsoft Office	dot
	Word Template	Microsoft Office	dotx
	Word Template with Macros	Microsoft Office	dotm
	Word with Macros	Microsoft Office with Macros	docm
	WordXML	Microsoft Office	xml
Text	Text ^	Text Files	txt
	Postscript File ^	Text Files	ps
	XML	Text Files	xml
	JSON	JavaScript Object Notation Files	json
	CSV	Comma-Separated Values Files	csv
Apple iWork	PAGES ^	Apple text document	pages
	PAGES.ZIP ^	Apple text zip document	pages.zip
	NUMBERS ^	Apple spreadsheet file	numbers
	NUMBERS.ZIP ^	Apple spreadsheet zip file	numbers.zip
	KEY ^	Apple Keynote file	key
	KEY.ZIP ^	Apple Keynote zip file	key.zip

File Type in Management	File Type	Family Type	Main Extension
Ole	Bmp Ole Object	OLE Object	bin
	Docm Ole Object	OLE Object	bin
	Docx Ole Object	OLE Object	bin
	Dotx Ole Object	OLE Object	bin
	Pdf Ole Object	OLE Object	bin
	Pptm Ole Object	OLE Object	bin
	Pptx Ole Object	OLE Object	bin
	Slide Ole Object	OLE Object	bin
	SlideM Ole Object	OLE Object	bin
	SlideX Ole Object	OLE Object	bin
	Xls Ole Object	OLE Object	xls
	Xlsx Ole Object	OLE Object	bin
Media	AVI	Audio Video Interleave	avi
	DAT	Generic media	dat
	MPEG	MPEG video	mpeg, mpg
	WAV	Waveform Audio File Format	wav
	WMV	Windows Media Video	wmv
	MP3	MPEG-1 Audio Layer-3	mp3
	MP4	MPEG-4 multimedia	mp4
	M4A	MPEG-4 audio	m4a
	MOV	Apple QuickTime Movie	mov
	3GP	3GPP multimedia	3gp
	M4V	Apple MPEG-4	m4v
	MKV	Matroska Video	mkv
	WMA	Windows Media Audio	wma
	MXF	Material Exchange File	mxp
Open Office	ODS	Calc Spreadsheet File	ods
	ODT	OpenOffice Document file	odt
Certificate	CRT ^	Security Certificate File	crt
	CRL ^	Certificate Revocation List	crl
	CER ^	Third-party Certificate Authority File	cer

File Type in Management	File Type	Family Type	Main Extension
AutoCAD	DWF ^	AutoDesk Design Web Format File	dwf
	DWG	AutoCAD Drawing File	dwg
	DWS	AutoCAD Drawing Verification File	dws
	DWT	AutoCAD Drawing Template File	dwt
	DXF	AutoCAD Drawing Exchange Format File	dxf
	JWW	Java Web-Workflows Data file	jww
	P21 File	Express STEP Data Model Files	p21
	SFC File	Super Famicom Video Game Files	sfc
Ichitaro	JTD	Ichitaro Document file	jtd
	JTDC	Ichitaro Compressed Document file	jtdc
DocuWorks	XDW ^	DocuWorks Image file	xdw

File Type in Management	File Type	Family Type	Main Extension
Other	ACIS Solid Model File ^	CAD Files	sat

File Type in Management	File Type	Family Type	Main Extension
	Adobe Air ** ^	Adobe	air

File Type in Management	File Type	Family Type	Main Extension
	CD Audio Track Shortcut File ** ^	Media Files	cda
	CSS ^	CSS	css
	Data Files ^	Model Item Data Files	data
	DB Files ^	Database Files	dbf, npa, dbt, wnd, tab, mdb
	Dicom File ^	Dicom Files	dcm
	Embedded Macro Files ^	Embedded File	bin
	Empty File ^	None	
	Equation Ole Object ^	OLE Object	bin
	Excel2, Excel3, Excel4, Excel5 ^	Office Files	xls
	HWP 3.0 File ^	Hancom Files	hwp
	INF File ^	INF Files	inf
	Initial Graphics Specification File ^	CAD Files	igs
	JAR ^	JAR Files	jar, jarxx
	LabView ** ^	LabView	vi
	Mac AppleSingle encoded ^	Mac OS Files	"._" prefix
	Mac AppleDouble encoded ^	Mac OS Files	"._" prefix
	Mac OS X folder information ^	Mac OS Files	ds_store
	Mac OS X crash log ^	Mac OS Files	crash
	Material Exchange Format File ** ^	Media Files	mxf
	MHT File ^	MHT Files	mht
	MST files ** ^	Installer Setup File	mst
	p7s ^	Digital Signatures	p7s
	Parasolid model File ** ^	CAD Files	x_t, x_b
	Pcx File ^	CAD Files	pcx
	Pgp File ^	Encrypted Files	pgp
	PowerPoint95 File ^	Unsupported Files	ppt
	PreR14Dwg File ^	CAD Files	dwg
	PreWord97 File ^	Unsupported Files	doc

File Type in Management	File Type	Family Type	Main Extension
	PSD File ^	Photoshop Files	psd
	RPT ** ^	RPT Files	rpt
	RSP File ** ^	PLC Files	rsp
	Script ^	Batch Files	bat, js, php, cmd, vbs, reg, pl, lnk, py, asp, ps1
	Shortcut File ^	Shortcut Files	url
	Solution User Option File ** ^	Visual Studio Files	suo
	SQL File ** ^	SQL Files	sql
	Unrecognized ^	Any Binary Files	
	VCF ^	Exchange	vcf

Anomalies and Limitations

Processing files for positive selection so you only receive secure content occasionally results in some known anomalies and limitations. These include:

- Unknown Ole Objects: both generic and unknown Ole objects are handled.
- Generic Ole objects will be processed, and unknown Ole objects will be blocked.
- File names with more than 101 non-English characters may not be included.
- As you can see, the file size limitations are currently significant sizes:
 - ◆ Archives - 2 GB
 - ◆ CSV - 2 GB
 - ◆ Raster images - 100 MB
 - ◆ Text - 2 GB
 - ◆ PDF - 700 MB
 - ◆ EML - 64 MB
 - ◆ ICS - 5 MB
 - ◆ Office - 50 MB
 - ◆ ExcelX - 1 GB
 - ◆ PowerPointX - 1 GB
 - ◆ WordX - 750 MB
 - ◆ Vector images - 10 MB

- ◆ Media - 10 GB
- ◆ XML and JSON - 100 MB
- AV scans are supported for file sizes up to 40 GB.