

	IQSS	"Vanilla"	"Cloud"	"Big Data"	TRSA	"explore tools"
storage / internal access	S3	POSIX	Swift	POSIX	none / TRSA API	N/A
deposit / upload access	HTTP/native	HTTP/native	HTTP/native	DCM/ssh+rsync	None? TBD?	N/A
external access; "local"	none	none	Swift (all datafiles?)	POSIX (published datafiles)	TRSA	
external access; "remote"	HTTP/native; S3 handoff	HTTP/native	Swift	RSYNC	None/TRSA	HTTP/native (can be metadata only?)

- storage / internal access: how dataverse (specifically, glassfish) reads and writes to data files
- deposit / upload access: how users get data files into a dataset
- external access; "local": how users access a data file (e.g. for compute) without downloading it
- external access; "remote": how users "download" a file

HTTP/native access (other than "handoff") is mediated by the glassfish application server.