

# Comparison

	DuraCloud	Box	Trusted Cloud Drive	NDS BADSS	Pithos+	GoogleDrive	DropBox	SpiderOak	PowerFolder	Skydrive	SugarSync	OwnCloud
Organisation	Internet2	Internet2	TERENA Community	PSNC	GRNET	Google	DropBox	SpiderOak	PowerFolder	Microsoft	SugarSync	Community
Service jurisdiction	USA	USA		Poland	Greece	USA / EU	USA / EU	USA	Germany			
<b>STORAGE BACK-END</b>												
Back-end storage provider	Amazon S3 RackSpace SDSC	Box.net	Amazon S3 Local file system	PSNC	GRNET	Google Backupify	Amazon S3	SpiderOak	PowerFolder	Microsoft	SugarSync	SAN Local file system Amazon S3 DropBox GoogleDrive RemoteStorage
Sync among back-end providers	Yes	n/a	planned	n/a	n/a	Yes	n/a	n/a	n/a	n/a	n/a	Yes
Back-end storage technology	n/a	SAS-70 Type II	n/a	HSM Disks at 10 locations	SAN Local file system	n/a	n/a	n/a	n/a	n/a	SAS 70, Type II	
Back-end API compatibility	n/a	n/a	Jclouds planned Generic S3 planned		OOS API		n/a		n/a	n/a	n/a	
Storage data format	blob store for any bitstream	file system like	file system like	file system like	block storage	file system like	file system like	blob store for any bitstream		file system like	file system like	file system like
<b>STORAGE SERVICE PLATFORM</b>												
Single filesize limit	5 GB	2 GB	5 GB	no limit		10 GB	no limit	no limit	no limit	2 GB	no limit	
User metadata inclusion	tagging	commenting	tagging	annotation	tagging							irods-iCAT like extensive metadata planned
Service platform location	Amazon EC2	Box.net	<service provider>	PSNC	GRNET	Google	DropBox	SpiderOak	PowerFolder	Microsoft	SugarSync	<service provider>
Metadata/Key store location	amazon EC2	Box.net	<service provider>	PSNC	GRNET	Google	DropBox	User	PowerFolder	Microsoft	SugarSync	<service provider>
Platform code	Open-source	Closed	Open-source	Open-source planned	Open-source	Open-source	Closed	Closed	Closed	Closed	Closed	Open-source
Code language	Java	n/a	Scala	C/C++/C# PHP Ajax (Java GUI planned)	Python	Python Haskell	n/a	n/a	n/a	C# SQL Server Azul		PHP JavaScript
SSL client connection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Data stored encrypted	Yes	No	Yes	on tape media	No	No	No	Yes		No	Yes	Yes
End-to-end encryption	No	No	No	planned	No	No	No	Yes	No			
<b>SERVICE FRONT-END</b>												
Access from web browser	Yes	Yes	Yes	Yes (planned to close)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Upload from web browser	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
REST API	yes		no		yes							

