Data encryption options available in Nextcloud

	Server side encryption using master key	Server side encryption using user key	End-to-end client-side encryption	Encryption at the storage level
Access				
Infrastructure sysadmin cannot read files	✗	✗	✓	✗
Nextcloud admin cannot read files	✓	✓	✓	✓
Storage admin cannot read files	✓	✓	✓	✓
Supported platforms				
Platforms with sync clients	✓	✓	✓	✓
Web UI	✓	✓	✓ (opt-in)	✓
Sharing				
Can share with users	✓	✓	✓ (whole folder only)	✓
Can share with groups	✓	✓	✗	✓
Can share via link	✓	✓	✓ (whole folder only)	✓
File drop (upload via public link)	✓	✓	✓	✓
Can share with federated users (GS)	✓	✗	✗	✓
Can share with federated groups (GS)	✓	✗	✗	✓
App support				
Activities	✓	✓	✗	✓
Virus scanning	✓	✓	✗	✓
Versions	✓	✓	✗	✓
Trashbin	✓	✓	✗	✓
Full text search	✓	✗	✗	✓
Impersonate	✓	✗	✗	✓
SSO/LDAP	✓	✗	✓	✓
Collaboration				
File owner can edit document online	✓	✓	✗	✓
Shared file via link can be edited online	✓	✓	✗	✓
Mobile reader can read file	✓	✗	✓	✓
Other				
Thumbnails	✗	✗	✗	✓
Teamfolders	✓	✗	✗	✓