Encryption

Enable encryption app (functionality)

```
sudo -u www-data php /var/www/nextcloud/occ app:enable encryption
```

Enable encryption

```
sudo -u www-data php /var/www/nextcloud/occ encryption:enable
```

Enable master key mode

```
sudo -u www-data php /var/www/nextcloud/occ encryption:enable-master-key
```

Initialize encryption

```
sudo -u www-data php /var/www/nextcloud/occ encryption:init
```

Verify status

```
sudo -u www-data php /var/www/nextcloud/occ encryption:status
```

Enable a recovery key

```
sudo -u www-data php /var/www/nextcloud/occ encryption:enable-recovery
```

Enable encryption for group folders

By default group folders are excluded from server-side encryption.To enable encryption for group folders, execute command

```
./occ config:app:set groupfolders enable_encryption --value='true'
```

Restart scheduled jobs

```
systemctl restart nextcloud-cron
systemctl restart cron
```

Verify

```
ls -lh /var/www/nextcloud/data/<username>/files/
cat /var/www/nextcloud/data/<username>/files/<file>
```

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