

Admins - Anomalie #4165

valise.april.org – Avertissement de configuration sur l'absence de support de l'unicode 4 octets pour la base de données

09/01/2020 10:52 - Christian P. Momon

Statut:	Fermé	Début:	09/01/2020
Priorité:	Normale	Echéance:	
Assigné à:	François Poulain	% réalisé:	0%
Catégorie:		Temps estimé:	0.00 heure
Version cible:	Mars 2020	Temps passé:	0.00 heure
Difficulté:	2 Facile		

Description

Avec le compte admin, dans la page « Paramètres > Administration > Vue d'ensemble », on peut lire :

MySQL est utilisée comme base de données mais ne supporte pas les caractères codés sur 4 octets. Pour pouvoir manipuler les caractères sur 4 octets (comme les émoticônes) sans problème dans les noms de fichiers ou les commentaires par exemple, il est recommandé d'activer le support 4 octets dans MySQL.

Pour plus de détails, lisez la page de documentation à ce sujet

Historique

#1 - 09/01/2020 10:53 - Christian P. Momon

- Tracker changé de Demande à Anomalie

#2 - 09/01/2020 12:00 - François Poulain

Attention en général ça ne fonctionne pas « as is ».

Extrait d'un CR d'install :

```
https://docs.nextcloud.com/server/15/admin_manual/configuration_database/mysql_4byte_support.html
```

```
MariaDB [(none)]> ALTER DATABASE nextcloud_db CHARACTER SET utf8mb4 COLLATE utf8mb4_general_ci;  
Query OK, 1 row affected (0.03 sec)
```

```
bling@web:~/www/nextcloud$ php occ config:system:set mysql.utf8mb4 --type boolean --value="true"  
System config value mysql.utf8mb4 set to boolean true  
bling@web:~/www/nextcloud$ php occ maintenance:repair  
- Repair MySQL collation  
- Change row format for oc_accounts ...  
- Change collation for oc_accounts ...  
- Change row format for oc_activity ...  
- Change collation for oc_activity ...  
- Change row format for oc_activity_mq ...  
- Change collation for oc_activity_mq ...  
- Change row format for oc_addressbookchanges ...  
- Change collation for oc_addressbookchanges ...  
- Change row format for oc_addressbooks ...  
- Change collation for oc_addressbooks ...  
...
```

Forcément ça plante. J'ai eu une erreur résolue par ça : <https://help.nextcloud.com/t/solved-syntax-error-or-access-violation-1071-specified-key-was-too-long-max-key-length-is-767-bytes/34740>

```
MariaDB [(none)]> use nextcloud_db;  
Database changed
```

```
MariaDB [nextcloud_db]> set global innodb_large_prefix=on;  
Query OK, 0 rows affected (0.00 sec)
```

```
MariaDB [nextcloud_db]> set global innodb_file_format=Barracuda;  
Query OK, 0 rows affected (0.00 sec)
```

```
php occ maintenance:repair
```

...

```
php occ maintenance:mode --off
```

#3 - 29/01/2020 22:30 - Quentin Gibeaux

- Version cible changé de Janvier 2020 à Février 2020

#4 - 26/02/2020 22:26 - Quentin Gibeaux

- Version cible changé de Février 2020 à Mars 2020

#5 - 15/03/2020 19:04 - François Poulain

- Statut changé de Nouveau à Résolu

- Assigné à mis à François Poulain

Fait.

```
# sudo -u www-data php -f /var/www/valise-new.april.org/occ config:system:set mysql.utf8mb4 --type boolean --value="true"
System config value mysql.utf8mb4 set to boolean true
# sudo -u www-data php -f /var/www/valise-new.april.org/occ maintenance:repair
- Repair MySQL collation
  - Change row format for oc_group_admin ...
  - Change collation for oc_group_admin ...
  - Change row format for oc_systemtag ...
  - Change collation for oc_systemtag ...
  - Change row format for oc_talk_participants ...
  - Change collation for oc_talk_participants ...
  - Change row format for oc_migrations ...
  - Change collation for oc_migrations ...
  - Change row format for oc_calendar_rooms ...
  - Change collation for oc_calendar_rooms ...
  - Change row format for oc_oauth2_clients ...
  - Change collation for oc_oauth2_clients ...
  - Change row format for oc_comments_read_markers ...
  - Change collation for oc_comments_read_markers ...
  - Change row format for oc_flow_operations_scope ...
  - Change collation for oc_flow_operations_scope ...
  - Change row format for oc_authtoken ...
  - Change collation for oc_authtoken ...
  - Change row format for oc_login_flow_v2 ...
  - Change collation for oc_login_flow_v2 ...
  - Change row format for oc_preferences ...
  - Change collation for oc_preferences ...
  - Change row format for oc_calendarobjects ...
  - Change collation for oc_calendarobjects ...
  - Change row format for oc_text_steps ...
  - Change collation for oc_text_steps ...
  - Change row format for oc_collres_accessscache ...
  - Change collation for oc_collres_accessscache ...
  - Change row format for oc_groups ...
  - Change collation for oc_groups ...
  - Change row format for oc_calendar_invitations ...
  - Change collation for oc_calendar_invitations ...
  - Change row format for oc_comments ...
  - Change collation for oc_comments ...
  - Change row format for oc_talk_signaling ...
  - Change collation for oc_talk_signaling ...
  - Change row format for oc_directlink ...
  - Change collation for oc_directlink ...
  - Change row format for oc_dav_cal_proxy ...
  - Change collation for oc_dav_cal_proxy ...
  - Change row format for oc_trusted_servers ...
  - Change collation for oc_trusted_servers ...
  - Change row format for oc_systemtag_group ...
  - Change collation for oc_systemtag_group ...
  - Change row format for oc_cards_properties ...
  - Change collation for oc_cards_properties ...
  - Change row format for oc_accounts ...
  - Change collation for oc_accounts ...
  - Change row format for oc_systemtag_object_mapping ...
  - Change collation for oc_systemtag_object_mapping ...
```

- Change row format for oc_appconfig ...
- Change collation for oc_appconfig ...
- Change row format for oc_vcategory ...
- Change collation for oc_vcategory ...
- Change row format for oc_calendar_resources ...
- Change collation for oc_calendar_resources ...
- Change row format for oc_file_locks ...
- Change collation for oc_file_locks ...
- Change row format for oc_mimetypes ...
- Change collation for oc_mimetypes ...
- Change row format for oc_activity_mq ...
- Change collation for oc_activity_mq ...
- Change row format for oc_oauth2_access_tokens ...
- Change collation for oc_oauth2_access_tokens ...
- Change row format for oc_cards ...
- Change collation for oc_cards ...
- Change row format for oc_text_documents ...
- Change collation for oc_text_documents ...
- Change row format for oc_mounts ...
- Change collation for oc_mounts ...
- Change row format for oc_user_transfer_owner ...
- Change collation for oc_user_transfer_owner ...
- Change row format for oc_schedulingobjects ...
- Change collation for oc_schedulingobjects ...
- Change row format for oc_calendar_rooms_md ...
- Change collation for oc_calendar_rooms_md ...
- Change row format for oc_twofactor_backupcodes ...
- Change collation for oc_twofactor_backupcodes ...
- Change row format for oc_filecache_extended ...
- Change collation for oc_filecache_extended ...
- Change row format for oc_calendarchanges ...
- Change collation for oc_calendarchanges ...
- Change row format for oc_activity ...
- Change collation for oc_activity ...
- Change row format for oc_whats_new ...
- Change collation for oc_whats_new ...
- Change row format for oc_jobs ...
- Change collation for oc_jobs ...
- Change row format for oc_share ...
- Change collation for oc_share ...
- Change row format for oc_collres_collections ...
- Change collation for oc_collres_collections ...
- Change row format for oc_calendar_reminders ...
- Change collation for oc_calendar_reminders ...
- Change row format for oc_talk_guests ...
- Change collation for oc_talk_guests ...
- Change row format for oc_notifications ...
- Change collation for oc_notifications ...
- Change row format for oc_talk_rooms ...
- Change collation for oc_talk_rooms ...
- Change row format for oc_twofactor_providers ...
- Change collation for oc_twofactor_providers ...
- Change row format for oc_addressbookchanges ...
- Change collation for oc_addressbookchanges ...
- Change row format for oc_share_external ...
- Change collation for oc_share_external ...
- Change row format for oc_flow_operations ...
- Change collation for oc_flow_operations ...
- Change row format for oc_credentials ...
- Change collation for oc_credentials ...
- Change row format for oc_flow_checks ...
- Change collation for oc_flow_checks ...
- Change row format for oc_privacy_admins ...
- Change collation for oc_privacy_admins ...
- Change row format for oc_calendars ...
- Change collation for oc_calendars ...
- Change row format for oc_calendarsubscriptions ...
- Change collation for oc_calendarsubscriptions ...
- Change row format for oc_direct_edit ...
- Change collation for oc_direct_edit ...
- Change row format for oc_files_trash ...
- Change collation for oc_files_trash ...
- Change row format for oc_talk_commands ...
- Change collation for oc_talk_commands ...
- Change row format for oc_group_user ...

- Change collation for oc_group_user ...
- Change row format for oc_users ...
- Change collation for oc_users ...
- Change row format for oc_addressbooks ...
- Change collation for oc_addressbooks ...
- Change row format for oc_text_sessions ...
- Change collation for oc_text_sessions ...
- Change row format for oc_storages ...
- Change collation for oc_storages ...
- Change row format for oc_vccategory_to_object ...
- Change collation for oc_vccategory_to_object ...
- Change row format for oc_collres_resources ...
- Change collation for oc_collres_resources ...
- Change row format for oc_calendarobjects_props ...
- Change collation for oc_calendarobjects_props ...
- Change row format for oc_calendar_resources_md ...
- Change collation for oc_calendar_resources_md ...
- Change row format for oc_properties ...
- Change collation for oc_properties ...
- Change row format for oc_dav_shares ...
- Change collation for oc_dav_shares ...
- Change row format for oc_notifications_pushtokens ...
- Change collation for oc_notifications_pushtokens ...
- Change row format for oc_bruteforce_attempts ...
- Change collation for oc_bruteforce_attempts ...
- Change row format for oc_filecache ...
- Change collation for oc_filecache ...
- Change row format for oc_federated_reshares ...
- Change collation for oc_federated_reshares ...
- Repair mime types
- Clean tags and favorites
 - 0 tags of deleted users have been removed.
 - 0 tags for delete files have been removed.
 - 0 tag entries for deleted tags have been removed.
 - 0 tags with no entries have been removed.
- Repair invalid shares
- Move .step file of updater to backup location
- Fix potential broken mount points
 - No mounts updated
- Add log rotate job
- Clear frontend caches
 - Image cache cleared
 - SCSS cache cleared
 - JS cache cleared
- Clear every generated avatar on major updates
- Add preview background cleanup job
- Queue a one-time job to cleanup old backups of the updater
- Cleanup invalid photocache files for carddav
- Add background job to cleanup login flow v2 tokens
- Remove potentially over exposing share links
 - No need to remove link shares.
- Clear access cache of projects
- Switches from deprecated "production" to "stable" update channel
- Sets the enterprise logo
 - Repair step already executed
- Reset generated avatar flag
- Update name of the stored view
- Fix component of birthday calendars
 - 4 birthday calendars updated.
- Regenerating birthday calendars to use new icons and fix old birthday events without year
 - Repair step already executed
- Fix broken values of calendar objects
 - 0 [>-----]
- Registering building of calendar search index as background job
 - Repair step already executed
- Registering background jobs to update cache for webcal calendars
 - Added 0 background jobs to update webcal calendars
- Registering building of calendar reminder index as background job
 - Repair step already executed
- Clean up orphan event and contact data
 - 0 events without a calendar have been cleaned up
 - 0 properties without an events have been cleaned up
 - 0 changes without a calendar have been cleaned up
 - 0 cached events without a calendar subscription have been cleaned up
 - 0 changes without a calendar subscription have been cleaned up

- 0 contacts without an addressbook have been cleaned up
- 0 properties without a contact have been cleaned up
- 0 changes without an addressbook have been cleaned up
- Remove activity entries of private events
 - Removed 0 activity entries
- Fix the share type of guest shares when migrating from ownCloud
- Copy the share password into the dedicated column
- Set existing shares as accepted
- Update OAuth token expiration times
- Create help command
- Invalidate access cache for projects conversation provider
 - Invalidation not required
- Add background job to check for backup codes
- Populating added database structures for workflows

#6 - 15/03/2020 22:57 - Christian P. Momon

Bravo \o/

#7 - 25/03/2020 21:40 - Quentin Gibeaux

- Statut changé de Résolu à Fermé