# Обновление zabbix с версии 3.X до версии 6LTS

1. Бекап базы данных.

2. Перенос базы данных на новый сервер.

3. Подключаюсь старым веб-интерфейсом к новой базе данных и временно отключаю все действия(на время обновления).

4. Собственно обновление:

- запускаю zabbix-server

- наблюдаю за логами zqabbix-server

- при ошибке:

[Z3005] query failed: [1091] Can't DROP 'history\_log\_2'; check that column/key exists [drop index history\_log\_2 on history\_log]

запускаю команды в mysql:

alter table history\_log drop primary key;

alter table history\_text drop primary key;

create index history\_text\_2 on history\_text (value(10));

create index history\_log\_2 on history\_log (source(10));

- снова запускаю zabbix

- при ошибке:

[Z3005] query failed: [1215] Cannot add foreign key constraint [alter table event\_tag add constraint c\_event\_tag\_1 foreign key (eventid) referenc

es events (eventid) on delete cascade]

в консоли mysql запускаю:

mysql> select \* from dbversion;

Беру, показанное число прибавляю единицу и вставляю в команду в консоли mysql:

update dbversion set mandatory='3030182', optional='3030182';

- снова запускаю zabbix

- при возникновении вышеуказанной ошибки — повторяю действия.

- после обновления подключаю веб-интерфейс zabbix

- обновляем скрипты usystem, проверяем заведение инцидентов и добавление устройств в zabbix из ТТС.

- обновляю zabbix-porxy

- при возникновении ошибки (в веб-интерфейсе zabbix):

Unsupported

charset or collation for tables: acknowledges, actions, alerts,

application\_discovery, application\_prototype, applications, auditlog,

auditlog\_details, autoreg\_host, conditions, config, corr\_condition\_tag,

corr\_condition\_tagpair, corr\_condition\_tagvalue, correlation, dchecks,

drules, dservices, event\_tag, events, expressions, functions,

globalmacro, graphs, graphs\_items, group\_discovery, group\_prototype,

history\_log, history\_str, history\_text, host\_discovery, hostmacro,

hosts, housekeeper, hstgrp, httpstep, httptest, icon\_map, icon\_mapping,

ids, images, interface, item\_condition, item\_discovery, items,

maintenances, mappings, media, media\_type, opcommand, opconditions,

operations, opmessage, problem, problem\_tag, profiles,

proxy\_autoreg\_host, proxy\_dhistory, proxy\_history, regexps, screens,

screens\_items, scripts, services, services\_times, sessions, slides,

slideshows, sysmap\_element\_url, sysmap\_url, sysmaps, sysmaps\_elements,

sysmaps\_link\_triggers, sysmaps\_links, trigger\_tag, triggers, users,

usrgrp, valuemaps

Запускаю следующие команды в консоли mysql:

ALTER TABLE zabbix.acknowledges COLLATE=utf8\_bin;

ALTER TABLE zabbix.actions COLLATE=utf8\_bin;

ALTER TABLE zabbix.alerts COLLATE=utf8\_bin;

ALTER TABLE zabbix.auditlog COLLATE=utf8\_bin;

ALTER TABLE zabbix.autoreg\_host COLLATE=utf8\_bin;

ALTER TABLE zabbix.conditions COLLATE=utf8\_bin;

ALTER TABLE zabbix.config COLLATE=utf8\_bin;

ALTER TABLE zabbix.config\_autoreg\_tls COLLATE=utf8\_bin;

ALTER TABLE zabbix.corr\_condition COLLATE=utf8\_bin;

ALTER TABLE zabbix.corr\_condition\_group COLLATE=utf8\_bin;

ALTER TABLE zabbix.corr\_condition\_tag COLLATE=utf8\_bin;

ALTER TABLE zabbix.corr\_condition\_tagpair COLLATE=utf8\_bin;

ALTER TABLE zabbix.corr\_condition\_tagvalue COLLATE=utf8\_bin;

ALTER TABLE zabbix.corr\_operation COLLATE=utf8\_bin;

ALTER TABLE zabbix.correlation COLLATE=utf8\_bin;

ALTER TABLE zabbix.dashboard COLLATE=utf8\_bin;

ALTER TABLE zabbix.dashboard\_page COLLATE=utf8\_bin;

ALTER TABLE zabbix.dashboard\_user COLLATE=utf8\_bin;

ALTER TABLE zabbix.dashboard\_usrgrp COLLATE=utf8\_bin;

ALTER TABLE zabbix.dbversion COLLATE=utf8\_bin;

ALTER TABLE zabbix.dchecks COLLATE=utf8\_bin;

ALTER TABLE zabbix.dhosts COLLATE=utf8\_bin;

ALTER TABLE zabbix.drules COLLATE=utf8\_bin;

ALTER TABLE zabbix.dservices COLLATE=utf8\_bin;

ALTER TABLE zabbix.escalations COLLATE=utf8\_bin;

ALTER TABLE zabbix.event\_recovery COLLATE=utf8\_bin;

ALTER TABLE zabbix.event\_suppress COLLATE=utf8\_bin;

ALTER TABLE zabbix.event\_tag COLLATE=utf8\_bin;

ALTER TABLE zabbix.events COLLATE=utf8\_bin;

ALTER TABLE zabbix.expressions COLLATE=utf8\_bin;

ALTER TABLE zabbix.functions COLLATE=utf8\_bin;

ALTER TABLE zabbix.globalmacro COLLATE=utf8\_bin;

ALTER TABLE zabbix.globalvars COLLATE=utf8\_bin;

ALTER TABLE zabbix.graph\_discovery COLLATE=utf8\_bin;

ALTER TABLE zabbix.graph\_theme COLLATE=utf8\_bin;

ALTER TABLE zabbix.graphs COLLATE=utf8\_bin;

ALTER TABLE zabbix.graphs\_items COLLATE=utf8\_bin;

ALTER TABLE zabbix.group\_discovery COLLATE=utf8\_bin;

ALTER TABLE zabbix.group\_prototype COLLATE=utf8\_bin;

ALTER TABLE zabbix.ha\_node COLLATE=utf8\_bin;

ALTER TABLE zabbix.history COLLATE=utf8\_bin;

ALTER TABLE zabbix.history\_log COLLATE=utf8\_bin;

ALTER TABLE zabbix.history\_str COLLATE=utf8\_bin;

ALTER TABLE zabbix.history\_text COLLATE=utf8\_bin;

ALTER TABLE zabbix.history\_uint COLLATE=utf8\_bin;

ALTER TABLE zabbix.host\_discovery COLLATE=utf8\_bin;

ALTER TABLE zabbix.host\_inventory COLLATE=utf8\_bin;

ALTER TABLE zabbix.host\_tag COLLATE=utf8\_bin;

ALTER TABLE zabbix.hostmacro COLLATE=utf8\_bin;

ALTER TABLE zabbix.hosts COLLATE=utf8\_bin;

ALTER TABLE zabbix.hosts\_groups COLLATE=utf8\_bin;

ALTER TABLE zabbix.hosts\_templates COLLATE=utf8\_bin;

ALTER TABLE zabbix.housekeeper COLLATE=utf8\_bin;

ALTER TABLE zabbix.hstgrp COLLATE=utf8\_bin;

ALTER TABLE zabbix.httpstep COLLATE=utf8\_bin;

ALTER TABLE zabbix.httpstep\_field COLLATE=utf8\_bin;

ALTER TABLE zabbix.httpstepitem COLLATE=utf8\_bin;

ALTER TABLE zabbix.httptest COLLATE=utf8\_bin;

ALTER TABLE zabbix.httptest\_field COLLATE=utf8\_bin;

ALTER TABLE zabbix.httptest\_tag COLLATE=utf8\_bin;

ALTER TABLE zabbix.httptestitem COLLATE=utf8\_bin;

ALTER TABLE zabbix.icon\_map COLLATE=utf8\_bin;

ALTER TABLE zabbix.icon\_mapping COLLATE=utf8\_bin;

ALTER TABLE zabbix.ids COLLATE=utf8\_bin;

ALTER TABLE zabbix.images COLLATE=utf8\_bin;

ALTER TABLE zabbix.interface COLLATE=utf8\_bin;

ALTER TABLE zabbix.interface\_discovery COLLATE=utf8\_bin;

ALTER TABLE zabbix.interface\_snmp COLLATE=utf8\_bin;

ALTER TABLE zabbix.item\_condition COLLATE=utf8\_bin;

ALTER TABLE zabbix.item\_discovery COLLATE=utf8\_bin;

ALTER TABLE zabbix.item\_parameter COLLATE=utf8\_bin;

ALTER TABLE zabbix.item\_preproc COLLATE=utf8\_bin;

ALTER TABLE zabbix.item\_rtdata COLLATE=utf8\_bin;

ALTER TABLE zabbix.item\_tag COLLATE=utf8\_bin;

ALTER TABLE zabbix.items COLLATE=utf8\_bin;

ALTER TABLE zabbix.lld\_macro\_path COLLATE=utf8\_bin;

ALTER TABLE zabbix.lld\_override COLLATE=utf8\_bin;

ALTER TABLE zabbix.lld\_override\_condition COLLATE=utf8\_bin;

ALTER TABLE zabbix.lld\_override\_opdiscover COLLATE=utf8\_bin;

ALTER TABLE zabbix.lld\_override\_operation COLLATE=utf8\_bin;

ALTER TABLE zabbix.lld\_override\_ophistory COLLATE=utf8\_bin;

ALTER TABLE zabbix.lld\_override\_opinventory COLLATE=utf8\_bin;

ALTER TABLE zabbix.lld\_override\_opperiod COLLATE=utf8\_bin;

ALTER TABLE zabbix.lld\_override\_opseverity COLLATE=utf8\_bin;

ALTER TABLE zabbix.lld\_override\_opstatus COLLATE=utf8\_bin;

ALTER TABLE zabbix.lld\_override\_optag COLLATE=utf8\_bin;

ALTER TABLE zabbix.lld\_override\_optemplate COLLATE=utf8\_bin;

ALTER TABLE zabbix.lld\_override\_optrends COLLATE=utf8\_bin;

ALTER TABLE zabbix.maintenance\_tag COLLATE=utf8\_bin;

ALTER TABLE zabbix.maintenances COLLATE=utf8\_bin;

ALTER TABLE zabbix.maintenances\_groups COLLATE=utf8\_bin;

ALTER TABLE zabbix.maintenances\_hosts COLLATE=utf8\_bin;

ALTER TABLE zabbix.maintenances\_windows COLLATE=utf8\_bin;

ALTER TABLE zabbix.media COLLATE=utf8\_bin;

ALTER TABLE zabbix.media\_type COLLATE=utf8\_bin;

ALTER TABLE zabbix.media\_type\_message COLLATE=utf8\_bin;

ALTER TABLE zabbix.media\_type\_param COLLATE=utf8\_bin;

ALTER TABLE zabbix.module COLLATE=utf8\_bin;

ALTER TABLE zabbix.opcommand COLLATE=utf8\_bin;

ALTER TABLE zabbix.opcommand\_grp COLLATE=utf8\_bin;

ALTER TABLE zabbix.opcommand\_hst COLLATE=utf8\_bin;

ALTER TABLE zabbix.opconditions COLLATE=utf8\_bin;

ALTER TABLE zabbix.operations COLLATE=utf8\_bin;

ALTER TABLE zabbix.opgroup COLLATE=utf8\_bin;

ALTER TABLE zabbix.opinventory COLLATE=utf8\_bin;

ALTER TABLE zabbix.opmessage COLLATE=utf8\_bin;

ALTER TABLE zabbix.opmessage\_grp COLLATE=utf8\_bin;

ALTER TABLE zabbix.opmessage\_usr COLLATE=utf8\_bin;

ALTER TABLE zabbix.optemplate COLLATE=utf8\_bin;

ALTER TABLE zabbix.problem COLLATE=utf8\_bin;

ALTER TABLE zabbix.problem\_tag COLLATE=utf8\_bin;

ALTER TABLE zabbix.profiles COLLATE=utf8\_bin;

ALTER TABLE zabbix.proxy\_autoreg\_host COLLATE=utf8\_bin;

ALTER TABLE zabbix.proxy\_dhistory COLLATE=utf8\_bin;

ALTER TABLE zabbix.proxy\_history COLLATE=utf8\_bin;

ALTER TABLE zabbix.regexps COLLATE=utf8\_bin;

ALTER TABLE zabbix.report COLLATE=utf8\_bin;

ALTER TABLE zabbix.report\_param COLLATE=utf8\_bin;

ALTER TABLE zabbix.report\_user COLLATE=utf8\_bin;

ALTER TABLE zabbix.report\_usrgrp COLLATE=utf8\_bin;

ALTER TABLE zabbix.rights COLLATE=utf8\_bin;

ALTER TABLE zabbix.role COLLATE=utf8\_bin;

ALTER TABLE zabbix.role\_rule COLLATE=utf8\_bin;

ALTER TABLE zabbix.script\_param COLLATE=utf8\_bin;

ALTER TABLE zabbix.scripts COLLATE=utf8\_bin;

ALTER TABLE zabbix.service\_alarms COLLATE=utf8\_bin;

ALTER TABLE zabbix.service\_problem COLLATE=utf8\_bin;

ALTER TABLE zabbix.service\_problem\_tag COLLATE=utf8\_bin;

ALTER TABLE zabbix.service\_status\_rule COLLATE=utf8\_bin;

ALTER TABLE zabbix.service\_tag COLLATE=utf8\_bin;

ALTER TABLE zabbix.services COLLATE=utf8\_bin;

ALTER TABLE zabbix.services\_links COLLATE=utf8\_bin;

ALTER TABLE zabbix.sessions COLLATE=utf8\_bin;

ALTER TABLE zabbix.sla COLLATE=utf8\_bin;

ALTER TABLE zabbix.sla\_excluded\_downtime COLLATE=utf8\_bin;

ALTER TABLE zabbix.sla\_schedule COLLATE=utf8\_bin;

ALTER TABLE zabbix.sla\_service\_tag COLLATE=utf8\_bin;

ALTER TABLE zabbix.sysmap\_element\_trigger COLLATE=utf8\_bin;

ALTER TABLE zabbix.sysmap\_element\_url COLLATE=utf8\_bin;

ALTER TABLE zabbix.sysmap\_shape COLLATE=utf8\_bin;

ALTER TABLE zabbix.sysmap\_url COLLATE=utf8\_bin;

ALTER TABLE zabbix.sysmap\_user COLLATE=utf8\_bin;

ALTER TABLE zabbix.sysmap\_usrgrp COLLATE=utf8\_bin;

ALTER TABLE zabbix.sysmaps COLLATE=utf8\_bin;

ALTER TABLE zabbix.sysmaps\_element\_tag COLLATE=utf8\_bin;

ALTER TABLE zabbix.sysmaps\_elements COLLATE=utf8\_bin;

ALTER TABLE zabbix.sysmaps\_link\_triggers COLLATE=utf8\_bin;

ALTER TABLE zabbix.sysmaps\_links COLLATE=utf8\_bin;

ALTER TABLE zabbix.tag\_filter COLLATE=utf8\_bin;

ALTER TABLE zabbix.task COLLATE=utf8\_bin;

ALTER TABLE zabbix.task\_acknowledge COLLATE=utf8\_bin;

ALTER TABLE zabbix.task\_check\_now COLLATE=utf8\_bin;

ALTER TABLE zabbix.task\_close\_problem COLLATE=utf8\_bin;

ALTER TABLE zabbix.task\_data COLLATE=utf8\_bin;

ALTER TABLE zabbix.task\_remote\_command COLLATE=utf8\_bin;

ALTER TABLE zabbix.task\_remote\_command\_result COLLATE=utf8\_bin;

ALTER TABLE zabbix.task\_result COLLATE=utf8\_bin;

ALTER TABLE zabbix.timeperiods COLLATE=utf8\_bin;

ALTER TABLE zabbix.token COLLATE=utf8\_bin;

ALTER TABLE zabbix.trends COLLATE=utf8\_bin;

ALTER TABLE zabbix.trends\_uint COLLATE=utf8\_bin;

ALTER TABLE zabbix.trigger\_depends COLLATE=utf8\_bin;

ALTER TABLE zabbix.trigger\_discovery COLLATE=utf8\_bin;

ALTER TABLE zabbix.trigger\_queue COLLATE=utf8\_bin;

ALTER TABLE zabbix.trigger\_tag COLLATE=utf8\_bin;

ALTER TABLE zabbix.triggers COLLATE=utf8\_bin;

ALTER TABLE zabbix.users COLLATE=utf8\_bin;

ALTER TABLE zabbix.users\_groups COLLATE=utf8\_bin;

ALTER TABLE zabbix.usrgrp COLLATE=utf8\_bin;

ALTER TABLE zabbix.valuemap COLLATE=utf8\_bin;

ALTER TABLE zabbix.valuemap\_mapping COLLATE=utf8\_bin;

ALTER TABLE zabbix.widget COLLATE=utf8\_bin;

ALTER TABLE zabbix.widget\_field COLLATE=utf8\_bin;

ALTER TABLE zabbix.acknowledges MODIFY COLUMN message varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.actions MODIFY COLUMN esc\_period varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '1h' NOT NULL ;

ALTER TABLE zabbix.actions MODIFY COLUMN formula varchar(1024) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.actions MODIFY COLUMN name varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.alerts MODIFY COLUMN error varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.alerts MODIFY COLUMN message text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.alerts MODIFY COLUMN parameters text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.alerts MODIFY COLUMN sendto varchar(1024) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.alerts MODIFY COLUMN subject varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.auditlog MODIFY COLUMN auditid varchar(25) CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.auditlog MODIFY COLUMN details longtext CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.auditlog MODIFY COLUMN ip varchar(39) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.auditlog MODIFY COLUMN recordsetid varchar(25) CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.auditlog MODIFY COLUMN resource\_cuid varchar(25) CHARACTER SET utf8 COLLATE utf8\_bin;

ALTER TABLE zabbix.auditlog MODIFY COLUMN resourcename varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.auditlog MODIFY COLUMN username varchar(100) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.autoreg\_host MODIFY COLUMN host varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.autoreg\_host MODIFY COLUMN host\_metadata varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.autoreg\_host MODIFY COLUMN listen\_dns varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.autoreg\_host MODIFY COLUMN listen\_ip varchar(39) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.conditions MODIFY COLUMN value varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.conditions MODIFY COLUMN value2 varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN blink\_period varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '2m' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN compress\_older varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '7d' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN connect\_timeout varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '3s' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN db\_extension varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN dbversion\_status text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN default\_lang varchar(5) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT 'en\_US' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN default\_theme varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT 'blue-theme' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN default\_timezone varchar(50) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT 'system' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN geomaps\_attribution varchar(1024) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN geomaps\_tile\_provider varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN geomaps\_tile\_url varchar(1024) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN ha\_failover\_delay varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '1m' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN history\_period varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '24h' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN hk\_audit varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '365d' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN hk\_events\_autoreg varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '1d' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN hk\_events\_discovery varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '1d' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN hk\_events\_internal varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '1d' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN hk\_events\_service varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '1d' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN hk\_events\_trigger varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '365d' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN hk\_history varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '90d' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN hk\_services varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '365d' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN hk\_sessions varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '365d' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN hk\_trends varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '365d' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN http\_strip\_domains varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN iframe\_sandboxing\_exceptions varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN instanceid varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN item\_test\_timeout varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '60s' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN ldap\_base\_dn varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN ldap\_bind\_dn varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN ldap\_bind\_password varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN ldap\_host varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN ldap\_search\_attribute varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN login\_block varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '30s' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN max\_period varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '2y' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN media\_type\_test\_timeout varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '65s' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN ok\_ack\_color varchar(6) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '009900' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN ok\_period varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '5m' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN ok\_unack\_color varchar(6) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '009900' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN period\_default varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '1h' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN problem\_ack\_color varchar(6) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT 'CC0000' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN problem\_unack\_color varchar(6) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT 'CC0000' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN report\_test\_timeout varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '60s' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN saml\_idp\_entityid varchar(1024) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN saml\_nameid\_format varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN saml\_slo\_url varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN saml\_sp\_entityid varchar(1024) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN saml\_sso\_url varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN saml\_username\_attribute varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN script\_timeout varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '60s' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN session\_key varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN severity\_color\_0 varchar(6) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '97AAB3' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN severity\_color\_1 varchar(6) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '7499FF' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN severity\_color\_2 varchar(6) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT 'FFC859' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN severity\_color\_3 varchar(6) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT 'FFA059' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN severity\_color\_4 varchar(6) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT 'E97659' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN severity\_color\_5 varchar(6) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT 'E45959' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN severity\_name\_0 varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT 'Not classified' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN severity\_name\_1 varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT 'Information' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN severity\_name\_2 varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT 'Warning' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN severity\_name\_3 varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT 'Average' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN severity\_name\_4 varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT 'High' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN severity\_name\_5 varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT 'Disaster' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN socket\_timeout varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '3s' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN uri\_valid\_schemes varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT 'http,https,ftp,file,mailto,tel,ssh' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN url varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN work\_period varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '1-5,09:00-18:00' NOT NULL ;

ALTER TABLE zabbix.config MODIFY COLUMN x\_frame\_options varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT 'SAMEORIGIN' NOT NULL ;

ALTER TABLE zabbix.config\_autoreg\_tls MODIFY COLUMN tls\_psk varchar(512) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.config\_autoreg\_tls MODIFY COLUMN tls\_psk\_identity varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.corr\_condition\_tag MODIFY COLUMN tag varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.corr\_condition\_tagpair MODIFY COLUMN newtag varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.corr\_condition\_tagpair MODIFY COLUMN oldtag varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.corr\_condition\_tagvalue MODIFY COLUMN tag varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.corr\_condition\_tagvalue MODIFY COLUMN value varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.correlation MODIFY COLUMN description text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.correlation MODIFY COLUMN formula varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.correlation MODIFY COLUMN name varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.dashboard MODIFY COLUMN name varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.dashboard MODIFY COLUMN uuid varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.dashboard\_page MODIFY COLUMN name varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.dchecks MODIFY COLUMN key\_ varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.dchecks MODIFY COLUMN ports varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '0' NOT NULL ;

ALTER TABLE zabbix.dchecks MODIFY COLUMN snmp\_community varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.dchecks MODIFY COLUMN snmpv3\_authpassphrase varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.dchecks MODIFY COLUMN snmpv3\_contextname varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.dchecks MODIFY COLUMN snmpv3\_privpassphrase varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.dchecks MODIFY COLUMN snmpv3\_securityname varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.drules MODIFY COLUMN delay varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '1h' NOT NULL ;

ALTER TABLE zabbix.drules MODIFY COLUMN iprange varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.drules MODIFY COLUMN name varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.dservices MODIFY COLUMN dns varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.dservices MODIFY COLUMN ip varchar(39) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.dservices MODIFY COLUMN value varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.event\_tag MODIFY COLUMN tag varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.event\_tag MODIFY COLUMN value varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.events MODIFY COLUMN name varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.expressions MODIFY COLUMN exp\_delimiter varchar(1) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.expressions MODIFY COLUMN expression varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.functions MODIFY COLUMN name varchar(12) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.functions MODIFY COLUMN parameter varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '0' NOT NULL ;

ALTER TABLE zabbix.globalmacro MODIFY COLUMN description text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.globalmacro MODIFY COLUMN macro varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.globalmacro MODIFY COLUMN value varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.graph\_theme MODIFY COLUMN backgroundcolor varchar(6) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.graph\_theme MODIFY COLUMN colorpalette varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.graph\_theme MODIFY COLUMN graphcolor varchar(6) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.graph\_theme MODIFY COLUMN gridbordercolor varchar(6) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.graph\_theme MODIFY COLUMN gridcolor varchar(6) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.graph\_theme MODIFY COLUMN highlightcolor varchar(6) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.graph\_theme MODIFY COLUMN leftpercentilecolor varchar(6) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.graph\_theme MODIFY COLUMN maingridcolor varchar(6) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.graph\_theme MODIFY COLUMN nonworktimecolor varchar(6) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.graph\_theme MODIFY COLUMN rightpercentilecolor varchar(6) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.graph\_theme MODIFY COLUMN textcolor varchar(6) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.graph\_theme MODIFY COLUMN theme varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.graphs MODIFY COLUMN name varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.graphs MODIFY COLUMN uuid varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.graphs\_items MODIFY COLUMN color varchar(6) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '009600' NOT NULL ;

ALTER TABLE zabbix.group\_discovery MODIFY COLUMN name varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.group\_prototype MODIFY COLUMN name varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.ha\_node MODIFY COLUMN address varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.ha\_node MODIFY COLUMN ha\_nodeid varchar(25) CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.ha\_node MODIFY COLUMN ha\_sessionid varchar(25) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.ha\_node MODIFY COLUMN name varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.history\_log MODIFY COLUMN source varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.history\_log MODIFY COLUMN value text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.history\_str MODIFY COLUMN value varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.history\_text MODIFY COLUMN value text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.host\_discovery MODIFY COLUMN host varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN alias varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN asset\_tag varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN chassis varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN contact text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN contract\_number varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN date\_hw\_decomm varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN date\_hw\_expiry varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN date\_hw\_install varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN date\_hw\_purchase varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN deployment\_status varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN hardware varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN hardware\_full text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN host\_netmask varchar(39) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN host\_networks text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN host\_router varchar(39) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN hw\_arch varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN installer\_name varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN location text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN location\_lat varchar(16) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN location\_lon varchar(16) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN macaddress\_a varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN macaddress\_b varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN model varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN name varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN notes text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN oob\_ip varchar(39) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN oob\_netmask varchar(39) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN oob\_router varchar(39) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN os varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN os\_full varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN os\_short varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN poc\_1\_cell varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN poc\_1\_email varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN poc\_1\_name varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN poc\_1\_notes text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN poc\_1\_phone\_a varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN poc\_1\_phone\_b varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN poc\_1\_screen varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN poc\_2\_cell varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN poc\_2\_email varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN poc\_2\_name varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN poc\_2\_notes text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN poc\_2\_phone\_a varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN poc\_2\_phone\_b varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN poc\_2\_screen varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN serialno\_a varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN serialno\_b varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN site\_address\_a varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN site\_address\_b varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN site\_address\_c varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN site\_city varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN site\_country varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN site\_notes text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN site\_rack varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN site\_state varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN site\_zip varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN software varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN software\_app\_a varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN software\_app\_b varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN software\_app\_c varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN software\_app\_d varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN software\_app\_e varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN software\_full text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN tag varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN type varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN type\_full varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN url\_a varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN url\_b varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN url\_c varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_inventory MODIFY COLUMN vendor varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_tag MODIFY COLUMN tag varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.host\_tag MODIFY COLUMN value varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.hostmacro MODIFY COLUMN description text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.hostmacro MODIFY COLUMN macro varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.hostmacro MODIFY COLUMN value varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.hosts MODIFY COLUMN description text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.hosts MODIFY COLUMN host varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.hosts MODIFY COLUMN ipmi\_password varchar(20) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.hosts MODIFY COLUMN ipmi\_username varchar(16) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.hosts MODIFY COLUMN name varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.hosts MODIFY COLUMN proxy\_address varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.hosts MODIFY COLUMN tls\_issuer varchar(1024) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.hosts MODIFY COLUMN tls\_psk varchar(512) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.hosts MODIFY COLUMN tls\_psk\_identity varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.hosts MODIFY COLUMN tls\_subject varchar(1024) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.hosts MODIFY COLUMN uuid varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.housekeeper MODIFY COLUMN field varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.housekeeper MODIFY COLUMN tablename varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.hstgrp MODIFY COLUMN name varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.hstgrp MODIFY COLUMN uuid varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.httpstep MODIFY COLUMN name varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.httpstep MODIFY COLUMN posts text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.httpstep MODIFY COLUMN required varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.httpstep MODIFY COLUMN status\_codes varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.httpstep MODIFY COLUMN timeout varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '15s' NOT NULL ;

ALTER TABLE zabbix.httpstep MODIFY COLUMN url varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.httpstep\_field MODIFY COLUMN name varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.httpstep\_field MODIFY COLUMN value text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.httptest MODIFY COLUMN agent varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT 'Zabbix' NOT NULL ;

ALTER TABLE zabbix.httptest MODIFY COLUMN delay varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '1m' NOT NULL ;

ALTER TABLE zabbix.httptest MODIFY COLUMN http\_password varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.httptest MODIFY COLUMN http\_proxy varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.httptest MODIFY COLUMN http\_user varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.httptest MODIFY COLUMN name varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.httptest MODIFY COLUMN ssl\_cert\_file varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.httptest MODIFY COLUMN ssl\_key\_file varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.httptest MODIFY COLUMN ssl\_key\_password varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.httptest MODIFY COLUMN uuid varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.httptest\_field MODIFY COLUMN name varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.httptest\_field MODIFY COLUMN value text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.httptest\_tag MODIFY COLUMN tag varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.httptest\_tag MODIFY COLUMN value varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.icon\_map MODIFY COLUMN name varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.icon\_mapping MODIFY COLUMN expression varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.ids MODIFY COLUMN field\_name varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.ids MODIFY COLUMN table\_name varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.images MODIFY COLUMN name varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '0' NOT NULL ;

ALTER TABLE zabbix.interface MODIFY COLUMN dns varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.interface MODIFY COLUMN error varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.interface MODIFY COLUMN ip varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '127.0.0.1' NOT NULL ;

ALTER TABLE zabbix.interface MODIFY COLUMN port varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '10050' NOT NULL ;

ALTER TABLE zabbix.interface\_snmp MODIFY COLUMN authpassphrase varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.interface\_snmp MODIFY COLUMN community varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.interface\_snmp MODIFY COLUMN contextname varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.interface\_snmp MODIFY COLUMN privpassphrase varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.interface\_snmp MODIFY COLUMN securityname varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.item\_condition MODIFY COLUMN macro varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.item\_condition MODIFY COLUMN value varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.item\_discovery MODIFY COLUMN key\_ varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.item\_parameter MODIFY COLUMN name varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.item\_parameter MODIFY COLUMN value varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.item\_preproc MODIFY COLUMN error\_handler\_params varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.item\_preproc MODIFY COLUMN params text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.item\_rtdata MODIFY COLUMN error varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.item\_tag MODIFY COLUMN tag varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.item\_tag MODIFY COLUMN value varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN delay varchar(1024) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '0' NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN description text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN formula varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN headers text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN history varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '90d' NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN http\_proxy varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN ipmi\_sensor varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN jmx\_endpoint varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN key\_ varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN lifetime varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '30d' NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN logtimefmt varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN name varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN params text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN password varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN posts text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN privatekey varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN publickey varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN query\_fields varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN snmp\_oid varchar(512) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN ssl\_cert\_file varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN ssl\_key\_file varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN ssl\_key\_password varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN status\_codes varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '200' NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN timeout varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '3s' NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN trapper\_hosts varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN trends varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '365d' NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN units varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN url varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN username varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.items MODIFY COLUMN uuid varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.lld\_macro\_path MODIFY COLUMN lld\_macro varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.lld\_macro\_path MODIFY COLUMN path varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.lld\_override MODIFY COLUMN formula varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.lld\_override MODIFY COLUMN name varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.lld\_override\_condition MODIFY COLUMN macro varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.lld\_override\_condition MODIFY COLUMN value varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.lld\_override\_operation MODIFY COLUMN value varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.lld\_override\_ophistory MODIFY COLUMN history varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '90d' NOT NULL ;

ALTER TABLE zabbix.lld\_override\_opperiod MODIFY COLUMN delay varchar(1024) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '0' NOT NULL ;

ALTER TABLE zabbix.lld\_override\_optag MODIFY COLUMN tag varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.lld\_override\_optag MODIFY COLUMN value varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.lld\_override\_optrends MODIFY COLUMN trends varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '365d' NOT NULL ;

ALTER TABLE zabbix.maintenance\_tag MODIFY COLUMN tag varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.maintenance\_tag MODIFY COLUMN value varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.maintenances MODIFY COLUMN description text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.maintenances MODIFY COLUMN name varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.media MODIFY COLUMN period varchar(1024) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '1-7,00:00-24:00' NOT NULL ;

ALTER TABLE zabbix.media MODIFY COLUMN sendto varchar(1024) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.media\_type MODIFY COLUMN attempt\_interval varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '10s' NOT NULL ;

ALTER TABLE zabbix.media\_type MODIFY COLUMN description text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.media\_type MODIFY COLUMN event\_menu\_name varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.media\_type MODIFY COLUMN event\_menu\_url varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.media\_type MODIFY COLUMN exec\_params varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.media\_type MODIFY COLUMN exec\_path varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.media\_type MODIFY COLUMN gsm\_modem varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.media\_type MODIFY COLUMN name varchar(100) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.media\_type MODIFY COLUMN passwd varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.media\_type MODIFY COLUMN script text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.media\_type MODIFY COLUMN smtp\_email varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.media\_type MODIFY COLUMN smtp\_helo varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.media\_type MODIFY COLUMN smtp\_server varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.media\_type MODIFY COLUMN timeout varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '30s' NOT NULL ;

ALTER TABLE zabbix.media\_type MODIFY COLUMN username varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.media\_type\_message MODIFY COLUMN message text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.media\_type\_message MODIFY COLUMN subject varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.media\_type\_param MODIFY COLUMN name varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.media\_type\_param MODIFY COLUMN value varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.module MODIFY COLUMN config text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.module MODIFY COLUMN id varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.module MODIFY COLUMN relative\_path varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.opconditions MODIFY COLUMN value varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.operations MODIFY COLUMN esc\_period varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '0' NOT NULL ;

ALTER TABLE zabbix.opmessage MODIFY COLUMN message text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.opmessage MODIFY COLUMN subject varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.problem MODIFY COLUMN name varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.problem\_tag MODIFY COLUMN tag varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.problem\_tag MODIFY COLUMN value varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.profiles MODIFY COLUMN idx varchar(96) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.profiles MODIFY COLUMN source varchar(96) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.profiles MODIFY COLUMN value\_str text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.proxy\_autoreg\_host MODIFY COLUMN host varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.proxy\_autoreg\_host MODIFY COLUMN host\_metadata varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.proxy\_autoreg\_host MODIFY COLUMN listen\_dns varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.proxy\_autoreg\_host MODIFY COLUMN listen\_ip varchar(39) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.proxy\_dhistory MODIFY COLUMN dns varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.proxy\_dhistory MODIFY COLUMN ip varchar(39) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.proxy\_dhistory MODIFY COLUMN value varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.proxy\_history MODIFY COLUMN source varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.proxy\_history MODIFY COLUMN value longtext CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.regexps MODIFY COLUMN name varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.regexps MODIFY COLUMN test\_string text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.report MODIFY COLUMN description varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.report MODIFY COLUMN info varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.report MODIFY COLUMN name varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.report\_param MODIFY COLUMN name varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.report\_param MODIFY COLUMN value text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.role MODIFY COLUMN name varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.role\_rule MODIFY COLUMN name varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.role\_rule MODIFY COLUMN value\_str varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.script\_param MODIFY COLUMN name varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.script\_param MODIFY COLUMN value varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.scripts MODIFY COLUMN command text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.scripts MODIFY COLUMN confirmation varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.scripts MODIFY COLUMN description text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.scripts MODIFY COLUMN menu\_path varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.scripts MODIFY COLUMN name varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.scripts MODIFY COLUMN password varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.scripts MODIFY COLUMN port varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.scripts MODIFY COLUMN privatekey varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.scripts MODIFY COLUMN publickey varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.scripts MODIFY COLUMN timeout varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '30s' NOT NULL ;

ALTER TABLE zabbix.scripts MODIFY COLUMN username varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.service\_problem\_tag MODIFY COLUMN tag varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.service\_problem\_tag MODIFY COLUMN value varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.service\_tag MODIFY COLUMN tag varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.service\_tag MODIFY COLUMN value varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.services MODIFY COLUMN description text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.services MODIFY COLUMN name varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.services MODIFY COLUMN uuid varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.sessions MODIFY COLUMN sessionid varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.sla MODIFY COLUMN description text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.sla MODIFY COLUMN name varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.sla MODIFY COLUMN timezone varchar(50) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT 'UTC' NOT NULL ;

ALTER TABLE zabbix.sla\_excluded\_downtime MODIFY COLUMN name varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.sla\_service\_tag MODIFY COLUMN tag varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.sla\_service\_tag MODIFY COLUMN value varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.sysmap\_element\_url MODIFY COLUMN name varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.sysmap\_element\_url MODIFY COLUMN url varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.sysmap\_shape MODIFY COLUMN background\_color varchar(6) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.sysmap\_shape MODIFY COLUMN border\_color varchar(6) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '000000' NOT NULL ;

ALTER TABLE zabbix.sysmap\_shape MODIFY COLUMN font\_color varchar(6) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '000000' NOT NULL ;

ALTER TABLE zabbix.sysmap\_shape MODIFY COLUMN text text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.sysmap\_url MODIFY COLUMN name varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.sysmap\_url MODIFY COLUMN url varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.sysmaps MODIFY COLUMN label\_string\_host varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.sysmaps MODIFY COLUMN label\_string\_hostgroup varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.sysmaps MODIFY COLUMN label\_string\_image varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.sysmaps MODIFY COLUMN label\_string\_map varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.sysmaps MODIFY COLUMN label\_string\_trigger varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.sysmaps MODIFY COLUMN name varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.sysmaps\_element\_tag MODIFY COLUMN tag varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.sysmaps\_element\_tag MODIFY COLUMN value varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.sysmaps\_elements MODIFY COLUMN label varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.sysmaps\_link\_triggers MODIFY COLUMN color varchar(6) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '000000' NOT NULL ;

ALTER TABLE zabbix.sysmaps\_links MODIFY COLUMN color varchar(6) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '000000' NOT NULL ;

ALTER TABLE zabbix.sysmaps\_links MODIFY COLUMN label varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.tag\_filter MODIFY COLUMN tag varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.tag\_filter MODIFY COLUMN value varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.task\_data MODIFY COLUMN data text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.task\_remote\_command MODIFY COLUMN command text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.task\_remote\_command MODIFY COLUMN password varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.task\_remote\_command MODIFY COLUMN privatekey varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.task\_remote\_command MODIFY COLUMN publickey varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.task\_remote\_command MODIFY COLUMN username varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.task\_remote\_command\_result MODIFY COLUMN info text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.task\_result MODIFY COLUMN info text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.token MODIFY COLUMN description text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.token MODIFY COLUMN name varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.token MODIFY COLUMN token varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin;

ALTER TABLE zabbix.trigger\_tag MODIFY COLUMN tag varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.trigger\_tag MODIFY COLUMN value varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.triggers MODIFY COLUMN comments text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.triggers MODIFY COLUMN correlation\_tag varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.triggers MODIFY COLUMN description text CHARACTER SET utf8 COLLATE utf8\_bin NOT NULL ;

ALTER TABLE zabbix.triggers MODIFY COLUMN error varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.triggers MODIFY COLUMN event\_name varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.triggers MODIFY COLUMN expression varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.triggers MODIFY COLUMN opdata varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.triggers MODIFY COLUMN recovery\_expression varchar(2048) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.triggers MODIFY COLUMN url varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.triggers MODIFY COLUMN uuid varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.users MODIFY COLUMN attempt\_ip varchar(39) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.users MODIFY COLUMN autologout varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '15m' NOT NULL ;

ALTER TABLE zabbix.users MODIFY COLUMN lang varchar(7) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT 'default' NOT NULL ;

ALTER TABLE zabbix.users MODIFY COLUMN name varchar(100) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.users MODIFY COLUMN passwd varchar(60) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.users MODIFY COLUMN refresh varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '30s' NOT NULL ;

ALTER TABLE zabbix.users MODIFY COLUMN surname varchar(100) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.users MODIFY COLUMN theme varchar(128) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT 'default' NOT NULL ;

ALTER TABLE zabbix.users MODIFY COLUMN timezone varchar(50) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT 'default' NOT NULL ;

ALTER TABLE zabbix.users MODIFY COLUMN url varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.users MODIFY COLUMN username varchar(100) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.usrgrp MODIFY COLUMN name varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.valuemap MODIFY COLUMN name varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.valuemap MODIFY COLUMN uuid varchar(32) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.valuemap\_mapping MODIFY COLUMN newvalue varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.valuemap\_mapping MODIFY COLUMN value varchar(64) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.widget MODIFY COLUMN name varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.widget MODIFY COLUMN type varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.widget\_field MODIFY COLUMN name varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

ALTER TABLE zabbix.widget\_field MODIFY COLUMN value\_str varchar(255) CHARACTER SET utf8 COLLATE utf8\_bin DEFAULT '' NOT NULL ;

- проверяем работу zabbix

- неспешно обновляем zabbix-agent

- отмечаем обновление zabbix