CREATE TABLE Hosts (

host\_id INTEGER PRIMARY KEY,

host VARCHAR(255) NOT NULL,

description TEXT, //alias

flags INTEGER,

inventory\_mode INTEGER,

ipmi\_authtype INTEGER,

ipmi\_password VARCHAR(255),

ipmi\_privilege INTEGER,

ipmi\_username VARCHAR(255),

maintenance\_from TIMESTAMP,

maintenance\_status INTEGER,

maintenance\_type INTEGER,

maintenanceid VARCHAR(255),

name VARCHAR(255), //dispay name = visible name

proxy\_hostid VARCHAR(255),

status INTEGER,

tls\_connect INTEGER,

tls\_accept INTEGER,

tls\_issuer VARCHAR(255),

tls\_subject VARCHAR(255),

tls\_psk\_identity VARCHAR(255),

tls\_psk VARCHAR(255),

active\_available INTEGER,

);

CREATE TABLE Interfaces (

interface\_id INT PRIMARY KEY AUTO\_INCREMENT,

host\_id VARCHAR(255),

type INT,

main INT,

useip INT,

ip VARCHAR(255),

dns VARCHAR(255),

port VARCHAR(255),

FOREIGN KEY (host\_id) REFERENCES Hosts(host\_id)

);

CREATE TABLE Group\_hosts (

group\_id\_impl INT PRIMARY KEY AUTO\_INCREMENT,

group\_name VARCHAR(255),

groupe\_id INT

host\_id int

//FOREIGN KEY (host\_id) REFERENCES Hosts(host\_id);

);

CREATE TABLE Associate\_host\_group\_host (

groupe\_id INT,

host\_id,

PRIMARY KEY (groupe\_id, hostid),

FOREIGN KEY (groupe\_id) REFERENCES Group\_hosts (Group\_hosts),

FOREIGN KEY (host\_id) REFERENCES Hosts (host\_id)

);

CREATE TABLE Template (

template\_id\_impl int PRIMARY KEY AUTO\_INCREMENT,

template\_name VARCHAR(255),

template\_id int,

host\_id integer,

// FOREIGN KEY (host\_id) REFERENCES Hosts(host\_id)

);

CREATE TABLE Associate\_host\_template (

template\_id INT,

host\_id,

PRIMARY KEY (tempalte\_id, hostid),

FOREIGN KEY (groupe\_id) REFERENCES Group\_hosts (Group\_hosts),

FOREIGN KEY (host\_id) REFERENCES Hosts (host\_id)

);

CREATE TABLE GROUPE\_Template(  
 group\_template\_id\_impl int PRIMARY KEY AUTO\_INCREMENT,

Groupe\_template\_id INT

Name VARCHAR(255)

template\_id INTEGER,

//FOREIGN KEY (template\_id) REFERENCES Template (template\_id)

);

CREATE TABLE Associate\_tempalte\_group\_template(

template\_id INT,

groupe\_template\_id,

PRIMARY KEY (tempalte\_id, hostid),

FOREIGN KEY (groupe\_id) REFERENCES Group\_hosts (Group\_hosts),

FOREIGN KEY (host\_id) REFERENCES Hosts (host\_id)

);

CREATE TABLE User (

User\_id INT PRIMARY KEY AUTO\_INCREMENT,

username VARCHAR(255) NOT NULL,

passwd VARCHAR(255) NOT NULL,

);

CREATE TABLE User\_Group (

User\_group\_id\_impl INT PRIMARY KEY AUTO\_INCREMENT,

User\_id INT,

usr\_groupe\_name Varchar(255)

user\_groupe\_id INT,

//FOREIGN KEY (userid) REFERENCES User(userid),

);

CREATE TABLE Associate\_user\_user\_groupe(

userid\_id INT,

user\_groupe\_id,

PRIMARY KEY (tempalte\_id, hostid),

FOREIGN KEY (userid\_id) REFERENCES hosts (userid\_id),

FOREIGN KEY (user\_groupe\_id) REFERENCES Hosts (user\_groupe\_id)

);

CREATE TABLE Media (

mediaid INT PRIMARY KEY AUTO\_INCREMENT,

useri\_d INT,

media\_type\_id INT,

sendto VARCHAR(255),

active INT,

severity INT,

period VARCHAR(255),

FOREIGN KEY (user\_id) REFERENCES User(user\_id),

);

CREATE TABLE item (

Item\_id VARCHAR(255) NOT NULL,

delay VARCHAR(255),

host\_id VARCHAR(255) NOT NULL,

interface\_id VARCHAR(255),

key\_ VARCHAR(255) NOT NULL,

name VARCHAR(255),

type INTEGER,

url VARCHAR(255),

value\_type INTEGER,

allow\_traps INTEGER,

authtype INTEGER,

description VARCHAR(255),

error VARCHAR(255),

flags INTEGER,

follow\_redirects INTEGER,

history VARCHAR(255),

http\_proxy VARCHAR(255),

inventory\_link INTEGER,

ipmi\_sensor VARCHAR(255),

jmx\_endpoint VARCHAR(255),

lastclock TIMESTAMP,

lastns INTEGER,

lastvalue VARCHAR(255),

logtimefmt VARCHAR(255),

master\_itemid INTEGER,

output\_format INTEGER,

params VARCHAR(255),

parameters JSON,

password VARCHAR(255),

post\_type INTEGER,

posts VARCHAR(255),

prevvalue VARCHAR(255),

privatekey VARCHAR(255),

publickey VARCHAR(255),

query\_fields JSON,

request\_method INTEGER,

retrieve\_mode INTEGER,

snmp\_oid VARCHAR(255),

ssl\_cert\_file VARCHAR(255),

ssl\_key\_file VARCHAR(255),

ssl\_key\_password VARCHAR(255),

state INTEGER,

status INTEGER,

status\_codes VARCHAR(255),

//templateid VARCHAR(255),

timeout VARCHAR(255),

trapper\_hosts VARCHAR(255),

trends VARCHAR(255),

units VARCHAR(255),

username VARCHAR(255),

uuid VARCHAR(255),

valuemapid VARCHAR(255),

verify\_host INTEGER,

verify\_peer INTEGER,

PRIMARY KEY (itemid),

FOREIGN KEY (host\_id) REFERENCES host (host\_id),

FOREIGN KEY (interfaceid) REFERENCES interface (interfaceid)

);

CREATE TABLE mediatype (

mediatypeid INTEGER NOT NULL AUTO\_INCREMENT,

type INTEGER,

name VARCHAR(255),

smtp\_server VARCHAR(255),

smtp\_helo VARCHAR(255),

smtp\_email VARCHAR(255),

smtp\_port VARCHAR(255),

content\_type INTEGER,

PRIMARY KEY (mediatypeid)

);

CREATE TABLE message\_template (

templateid INTEGER NOT NULL AUTO\_INCREMENT,

mediatypeid INTEGER,

eventsource INTEGER,

recovery INTEGER,

subject VARCHAR(255),

message VARCHAR(255),

PRIMARY KEY (templateid),

FOREIGN KEY (mediatypeid) REFERENCES mediatype (mediatypeid)

);

CREATE TABLE Trigger (

triggerid VARCHAR(255) PRIMARY KEY,

description VARCHAR(255) NOT NULL,

expression VARCHAR(255) NOT NULL,

event\_name VARCHAR(255),

opdata VARCHAR(255),

comments VARCHAR(255),

error VARCHAR(255),

flags INTEGER,

lastchange TIMESTAMP,

priority INTEGER,

state INTEGER,

status INTEGER,

templateid VARCHAR(255),

type INTEGER,

url VARCHAR(255),

url\_name VARCHAR(255),

value INTEGER,

recovery\_mode INTEGER,

recovery\_expression VARCHAR(255),

correlation\_mode INTEGER,

correlation\_tag VARCHAR(255),

manual\_close INTEGER,

uuid VARCHAR(255)

);