

Firstly, every php-file in Virtualizor distribution is encrypted with IonCube. Secondly, initial database file (virtualizor.sql) doesn't contains full schema. I've concluded that updating process is pretty hidden, but we can do this

1) ssh to host-node with your credentials

```
$ ssh [email protected] //
```

2) check running services

```
$ ps aux | grep emps
```

3) switch to sudo session

```
$ sudo su
```

4) stop Virtualizor services

```
$ service virtualizor stop
```

5) backup your data

```
$ cd ~; mkdir backup
```

```
$ cp /usr/local/virtualizor/universal.php ~/backup # virtualizor config
```

```
$ cp /usr/local/virtualizor/license.php ~/backup # license
```

```
$ cp -r /usr/local/virtualizor/conf/ ~/backup # certs and system config
```

```
$ cp -r /usr/local/virtualizor/ ~/backup # whole folder in case of trouble
```

VIRTUALIZOR 2.7.9 TO 2.8.0 MANUAL UPDATE

Written by BiRU

Saturday, 04 June 2016 00:32 - Last Updated Thursday, 09 June 2016 05:48

6) open universal.php and try to find lines (write somewhere)

`$globals['dbhost']` # hostname for mysql server (in my case this is localhost)

`$globals['db']` # database name inside mysql server (in my case this is virtualizor)

`$globals['dbuser']` # user name to connect to mysql server

`$globals['dbpass']` # password to connect to mysql server

this is the mysql-database settings that will help us to backup database

7) backup database (you have to enter `$globals['dbpass']` value from universal.php in prompt)

`$ /usr/local/empes/bin/mysqlctl start`

`$ /usr/local/empes/bin/mysqldump -u root -p virtualizor > ~/backup/backup.sql`

`$ /usr/local/empes/bin/mysqlctl stop`

root – is `$globals['dbuser']` value

virtualizor – is `$globals['db']` value

8) download Virtualizor latest distribution

`$ wget http://files.virtualizor.com/2.8.0.zip`

9) purge old Virtualizor instance

`$ rm -rf /usr/local/virtualizor/`

10) install new instance

`$ unzip 2.8.0.zip -d /usr/local/virtualizor`

11) restore settings

`$ cp ~/backup/universal.php /usr/local/virtualizor/ # virtualizor config`

`$ cp ~/backup/license.php /usr/local/virtualizor/ # license`

`$ cp -r ~/backup/conf/ /usr/local/virtualizor/ # certs and system config`

12) fix permissions

`$ chmod +x /usr/local/virtualizor/conf/empes/empes`

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13) import hidden schema

```
$ /usr/local/emp/b/bin/mysqlctl start
```

```
$ /usr/local/emp/b/bin/mysql -h localhost -u root -p virtualizor < hidden_schema_280.sql
```

```
$ /usr/local/emp/b/bin/mysqlctl stop
```

```
root – is $globals['dbuser'] value
```

```
virtualizor – is $globals['db'] value
```

14) start services and visit web-panel

```
$ service virtualizor start
```

15) if everything okay you can remove old instance backup

```
$ rm -rf ~/backup/virtualizor/
```

I've used this steps to successful upgrade to 2.8.0

You can grab **hidden_schema_280.sql** here:

<http://pastebin.com/ZsmykD76>

```
use `virtualizor`; ALTER TABLE `vps` ADD `disable_ebtables` INT(5) NOT NULL DEFAULT  
T '0'; AL  
TER  
TABLE  
`vps`  
ADD  
`cpu`  
—  
mode`  
VARCHAR  
(  
255  
)  
NULL  
DEFAULT  
NULL
```

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AFTER

`io

—

mode`

;

ALTER

TABLE

`plans`

ADD

`ploop`

INT

(

2

)

NOT

NULL

DEFAULT

'0'

;

ALTER

TABLE

`plans`

ADD

`upload

—

speed`

INT

(

10

)

NOT

NULL

DEFAULT

'0'

AFTER

`network

—

speed`

;

ALTER

TABLE

`plans`

ADD

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```
`band
```

```
—  
suspend`
```

```
INT
```

```
(
```

```
5
```

```
)
```

```
NOT
```

```
NULL
```

```
DEFAULT
```

```
'0'
```

```
;
```

```
ALTER
```

```
TABLE
```

```
`plans`
```

```
ADD
```

```
`dns
```

```
—  
nameserver`
```

```
TEXT
```

```
NULL
```

```
DEFAULT
```

```
NULL
```

```
;
```

```
ALTER
```

```
TABLE
```

```
`plans`
```

```
ADD
```

```
`ppp`
```

```
INT
```

```
(
```

```
10
```

```
)
```

```
NOT
```

```
NULL
```

```
DEFAULT
```

```
'0'
```

```
;
```

```
ALTER
```

```
TABLE
```

```
`plans`
```

```
ADD
```

```
`tuntap`
```

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```
INT
(
10
)
NOT
NULL
DEFAULT
'0'
;
```

```
ALTER
TABLE
`plans`
ADD
`control`
—
panel`
TEXT
NOT
NULL
;
```

```
ALTER
TABLE
`plans`
ADD
`mgs`
TEXT
NULL
DEFAULT
NULL
;
```

```
ALTER
TABLE
`plans`
ADD
`cpu`
—
mode`
VARCHAR
(
255
)
NULL
;
```

```
ALTER
TABLE
`plans`
ADD
`sec`
—
iso`
TEXT
NULL
DEFAULT
NULL
;
```

```
ALTER
TABLE
`plans`
ADD
`hvm`
INT
(
5
)
NOT
NULL
DEFAULT
'0'
;
```

```
ALTER
TABLE
`plans`
ADD
`kvm`
—
cache`
VARCHAR
(
20
)
NOT
NULL
;
```

```
ALTER
TABLE
```

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```
`plans`
```

```
ADD
```

```
`io`
```

```
—
```

```
mode`
```

```
VARCHAR
```

```
(
```

```
20
```

```
)
```

```
NOT
```

```
NULL
```

```
;
```

```
ALTER
```

```
TABLE
```

```
`plans`
```

```
ADD
```

```
`osreinstall`
```

```
—
```

```
limit`
```

```
INT
```

```
(
```

```
10
```

```
)
```

```
NOT
```

```
NULL
```

```
DEFAULT
```

```
'0'
```

```
;
```

```
ALTER
```

```
TABLE
```

```
`plans`
```

```
ADD
```

```
`total`
```

```
—
```

```
iops
```

```
—
```

```
sec`
```

```
BIGINT
```

```
(
```

```
20
```

```
)
```

```
NOT
```

```
NULL
```

```
DEFAULT
```


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'0'

;

ALTER

TABLE

`plans`

ADD

`read

—

bytes

—

sec`

BIGINT

(

20

)

NOT

NULL

DEFAULT

'0'

;

ALTER

TABLE

`plans`

ADD

`write

—

bytes

—

sec`

BIGINT

(

20

)

NOT

NULL

DEFAULT

'0'

;

ALTER

TABLE

`plans`

ADD

`vnc

```
--  
keymap`  
VARCHAR  
(  
20  
)  
NOT  
NULL  
;
```

```
ALTER  
TABLE  
`plans`  
ADD  
`osid`  
INT  
(  
10  
)  
NOT  
NULL  
DEFAULT  
'0'  
;
```

```
ALTER  
TABLE  
`plans`  
ADD  
`kvm`
```

```
--  
vga`  
INT  
(  
4  
)  
NOT  
NULL  
DEFAULT  
'0'  
;
```

```
ALTER  
TABLE  
`plans`  
ADD
```

```
`acceleration`
```

```
INT
```

```
(
```

```
4
```

```
)
```

```
NOT
```

```
NULL
```

```
DEFAULT
```

```
'0'
```

```
;
```

```
ALTER
```

```
TABLE
```

```
`plans`
```

```
ADD
```

```
`vif
```

```
—
```

```
type`
```

```
VARCHAR
```

```
(
```

```
100
```

```
)
```

```
NOT
```

```
NULL
```

```
;
```

```
ALTER
```

```
TABLE
```

```
`plans`
```

```
ADD
```

```
`pv
```

```
—
```

```
on
```

```
—
```

```
hvm`
```

```
INT
```

```
(
```

```
4
```

```
)
```

```
NOT
```

```
NULL
```

```
DEFAULT
```

```
'0'
```

```
;
```

```
ALTER
```

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TABLE

`plans`

ADD

`iso`

TEXT

NULL

DEFAULT

NULL

;

ALTER

TABLE

`plans`

ADD

`vnc`

INT

(

4

)

NOT

NULL

DEFAULT

'0'

;

ALTER

TABLE

`admin`

—
acl`

ADD

`act`

—
iplogs`

TINYINT

(

4

)

NOT

NULL

DEFAULT

'0'

;

ALTER

TABLE

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```
`admin
```

```
—  
acl`
```

```
ADD
```

```
`act
```

```
—  
deliplogs`
```

```
TINYINT
```

```
(
```

```
4
```

```
)
```

```
NOT
```

```
NULL
```

```
DEFAULT
```

```
'0'
```

```
;
```

```
ALTER
```

```
TABLE
```

```
`servers`
```

```
ADD
```

```
`vcores`
```

```
INT
```

```
(
```

```
10
```

```
)
```

```
NOT
```

```
NULL
```

```
DEFAULT
```

```
'0'
```

```
;
```

```
ALTER
```

```
TABLE
```

```
`servers`
```

```
ADD
```

```
`ips`
```

```
INT
```

```
(
```

```
10
```

```
)
```

```
NOT
```

```
NULL
```

```
DEFAULT
```

```
'0'
```

```
;
```

```
ALTER
TABLE
`servers`
ADD
`ipv6`
INT
(
10
)
NOT
NULL
DEFAULT
'0'
;
```

```
ALTER
TABLE
`servers`
ADD
`ipv6`
—
subnet`
INT
(
10
)
NOT
NULL
DEFAULT
'0'
;
```

```
ALTER
TABLE
`servers`
ADD
`ips`
—
int`
INT
(
10
)
NOT
NULL
```

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DEFAULT

'0'

;

ALTER

TABLE

`servers`

ADD

`bandwidth`

BIGINT

(

12

)

NOT

NULL

DEFAULT

'0'

;

ALTER

TABLE

`servers`

ADD

`update`

—

resource`

TINYINT

(

2

)

NOT

NULL

DEFAULT

'0'

;

REPLACE

INTO

`registry`

SET

`name`

=

'version'

,

`value`

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=
'2.8.0'
;
