How to dump zones remotely from a Plesk Windows server

Applies to all DNS Manager versions!

This tutorial explains how to dump zones from a Plesk Windows server.

The recommendations included here apply if you need to use the **Remote update** function of DNSManager and the zones are held on a Plesk Windows server.

Step-by-step guide

Plesk Windows server

All you need to do is add a new MySQL user that will be allowed to connect remotely to the Plesk database. Here's how:

1. Connect to MySQL and run the command below:

```
grant select on <Plesk_database_name>.*  to '4psadnsreader'@'<IP address of the DNSManager server>'
identified by '<password used to connect>';
flush privileges;
```

2. Then replace the following:

    - **<Plesk_database_name>** with the database name, usually psa
    - **<IP address of the DNSManager server>** with the IP address from where the dump script will connect to the Plesk server
    - **<password used to connect>** - with the password used for connection

DNSManager server

1. Log in to your DNS Manager server using your favorite SSH console (e.g. Putty).
2. Go to `DNSMANAGER_ROOT_D/remote/plesk/`

```
 cd /usr/local/dnsmanager/remote/plesk
```

3. In this folder there's a script called `plesk_export.sh`. Make a copy of this file where all the changes will be applied.

```
cp plesk_export.sh plesk_windows_export.sh
```

4. Open `plesk_windows_export.sh` in your favorite text editor and set `dump_file` as follows.

```
dump_file="/usr/local/dnsmanager/admin/htdocs/dump_full_recs_winsrv.txt"
```

5. Search for the `get_config()` function and replace it with the one below.

```
get_config()
{

 #check local vars
 [ -n "$dump" ]||dump="masters"
 [ -n "$masters2slaves" ]||masters2slaves="yes"
 [ -n "$dump_masters" ]||dump_masters="no"
 [ -n "$dump_allow_transfers" ]||dump_allow_transfers="no"
 [ -n "$dump_soa" ]||dump_soa="no"
 [ -n "$dump_reverse" ]||dump_reverse="yes"
 [ -n "$ignore_dns_zones_status" ]||ignore_dns_zones_status="no"

 mysql_dir='/usr/bin'
 admin_user='4psadnsreader'
 admin_passwd='<Password for connection to the Plesk serevr>'
 server_host='<IP address of the Plesk Widows server>'
 server_port='8306'
 OLDVER='0'
 domainaliases='domain_aliases'

}
```

6. Replace `admin_passwd` with the correct password and `server_host` with the IP address of the Plesk Windows server. In case the port where MySQL listens to the Plesk server was changed, make sure the correct port number is added to `server_port` parameter.
7. Save changes, then run the following command:

```
sed -i 's/-uadmin/-u$admin_user/g; s/-p$admin_passwd/-p$admin_passwd -h$server_host -P$server_port/g'
plesk_windows_export.sh
```

8. Run the dump script, then log in to DNSManager and add a new remote update location.

```
https://<your_DNSManager_server_IP_address>:8550/dump_full_recs_winsrv.txt
```

Related articles

- Primary and secondary server setup for 4PSA DNS Manager
- How to block specific countries from accessing your server
- How to find out how many DNS queries are being made
- How to dump zones remotely from a Plesk Windows server
- How to debug Asterisk and Kamailio