WHMCS Installation and Update

PowerDNS module **WHMCS**

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System requirements

Requirement	Minimum
WHMCS	8.x+, 9.x+
PHP	7.4, 8.1, 8.2, 8.3, 8.4
ionCube Loader	v15+
PowerDNS Authoritative	4.x+ with HTTP API enabled

> **Note:** The module uses ionCube encoding. Make sure ionCube Loader v15 or newer is installed and active on your server.

Installation

> **Note:** The module uses **ionCube 15**, providing universal support across PHP 7.4 through PHP 8.4.

> All versions can be found at this link:
> https://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-PowerDNS/
>
> Older module versions for WHMCS 8 are available in the archive directory:
> https://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-PowerDNS/archive/

1. Download the latest release from the PUQ download repository:

```
wget https://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-PowerDNS/PUQ_WHMCS-PowerDNS-latest.zip
```

2. Unpack the downloaded archive:

```
unzip PUQ_WHMCS-PowerDNS-latest.zip
```

3. Upload the `puqPowerDNS` folder into the `modules/servers/` directory of your WHMCS installation:

```
cp -r puqPowerDNS /path/to/whmcs/modules/servers/
```

4. Ensure proper ownership and permissions for your web server user (`www-data`, `nginx`, or `apache`):

```
chown -R www-data:www-data /path/to/whmcs/modules/servers/puqPowerDNS/
chmod -R 755 /path/to/whmcs/modules/servers/puqPowerDNS/
```

5. The module files are now in place. On first load in WHMCS, the automated migration engine will construct all required tables (`puqPowerDNS_zones`, `puq_license`, `puq_module_versions`). No manual SQL execution is needed.

Update

The update procedure consists of replacing existing module files with the newly downloaded release:

1. Back up your WHMCS database and `modules/servers/puqPowerDNS/` directory.
2. Download and unzip the latest release package.
3. Overwrite the files in `modules/servers/puqPowerDNS/` with the new version files.
4. Access any page in the WHMCS Admin Area. The module migration runner will automatically apply pending schema upgrades and log the new version in `puq_module_versions`.
5. Upgrading from legacy v2.x/v3.x releases is completely safe: existing product

configurations are automatically migrated into the unified settings structure.

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