

# Azure Icinga 2.8 - Updates Guide

## Abstract

Version 2.3

January 9, 2018

The purpose of this document is to provide the steps necessary for upgrading an instance of Icinga 2, version 2.8 or later, to a new version. The steps contained within are sourced from the official Icinga 2 documentation in Section 18, "[Upgrading Icinga 2](#)"

This version of the documentation has been adapted to match the necessary upgrade steps for an instance of the Shadow-Soft Marketplace VHD image.

## Upgrading Icinga 2

This guide assumes that you have the most up to date version of the `icinga-stable-release` repository installed.

Instructions for adding this repository can be found in the official documentation at section "[2.1.1. Package Repositories](#)"

### Updating the Client

```
[root@master~]# yum update icinga2
-- OUTPUT OMITTED --
[root@master~]# icinga2 --version
icinga2 - The Icinga 2 network monitoring daemon (version: r2.8.1-1)
```

## Upgrading to Icinga Web 2 2.5.x

- Icinga Web 2 v2.5 requires at least **PHP 5.6**.
- Hash marks (#) in INI files are no longer recognized as comments by `parse_ini_file` since PHP 7.0
- Existing sessions of logged-in users do no longer work as expected due to a change in the `USER` data structure. Everyone who was logged in before the upgrade has to log out once
- Icinga Web 2 v2.5.0 requires a schema update for the database
- Upgrading to PHP 7.0 / 7.1 via RedHat SCL (new dependency)
- See [Upgrading to FPM](#) for manual steps that are required
- Make sure to enable the new Apache module `a2enmod php7` and restart `apache2`

See the [official documentation](#) for more information.

## Upgrading the MySQL Database

If you're upgrading an existing Icinga 2 instance, you should check the `/usr/share/icinga2-ido-mysql/schema/upgrade` directory for an incremental schema upgrade file. If there isn't an upgrade file for your current version available, there's nothing to do.

Apply all database schema upgrade files incrementally.

### Database Import

```
[root@master~]# mysql -u root -p icinga <
/usr/share/icinga2-ido-mysql/schema/upgrade/<version>.sql
```

The Icinga 2 DB IDO module will check for the required database schema version on startup and generate an error message if not satisfied.

## Example

You are upgrading from Icinga2 from version 2.0.2 to 2.3.0. Look into the `/usr/share/icinga2-ido-mysql/schema/upgrade` directory:

```
[root@master ~]# ls /usr/share/icinga2-ido-mysql/schema/upgrade/
2.0.2.sql  2.1.0.sql  2.2.0.sql  2.3.0.sql
```

There are three new upgrade files: `2.1.0.sql`, `2.2.0.sql`, and `2.3.0.sql` which must be applied incrementally to your IDO database.

### Incremental Example

```
[root@master ~]# mysql -u root -p icinga <
/usr/share/icinga2-ido-mysql/schema/upgrade/2.1.0.sql
Enter password:
[root@master ~]# mysql -u root -p icinga <
/usr/share/icinga2-ido-mysql/schema/upgrade/2.2.0.sql
Enter password:
[root@master ~]# mysql -u root -p icinga <
/usr/share/icinga2-ido-mysql/schema/upgrade/2.3.0.sql
Enter password:
[root@master ~]#
```

## Upgrading Director Module

Reference the official documentation for upgrading Icinga Director. [github: Upgrading Director](#)