Azure Icinga 2.8 - Migration Guide

Abstract

Version 2.3

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This guide instructs on how to move the configuration and data from one Azure Icinga machine to another with the **same** hostname. The following is only supported for Icinga version 2.8.

Prerequisites

- Both machines need have the same MySQL version installed
- `/etc/icinga2/cloud/system_passwords` needs to reflect the correct passwords being used (Nothing to do if passwords weren't altered)
- Confirm that both machines have the same hostname
- Confirm the new machines hostname resolves to localhost before running migration-new. Utilize nslookup and ping to confirm the resolution. If there are issues add the host name to /etc/hosts

> Using scp is a quick and easy way to transfer files from one machine to another. For example:
>
> ```
> scp /tmp/icinga.sql root@<migratingIP>:/tmp/
> ```

Migration Steps

1. Run `/usr/lib/icinga2/migration-original` on the machine that is being migrated from
2. Send the following files over to the new master in the `/tmp` directory:
     - icingaconfig.tgz
     - icinga.sql
3. Replace the `/etc/icingaweb2/resources.ini` file on the new machine with the original

   ```
   scp /etc/icingaweb2/resources.ini
   root@<migratingIP>:/etc/icingaweb2/resources.ini
   ```

4. Replace the `/etc/icingaweb2/modules/director/kickstart.ini` file on the new machine with the original
5. On the original machine, rename /etc/icinga2/cloud/`system_passwords` to /etc/icinga2/cloud/`system_passwords.orig` and copy it over to the new machine's `/etc/icinga2/cloud` directory
6. Copy the `ca.crt` and `ca.key` from `/var/lib/icinga2/ca` to the new machine in the same location
7. Copy `ca.crt`, `<hostname>.crt` and `<hostname>.key` found in `/var/lib/icinga2/certs` to the same location
8. Run `/usr/lib/icinga2/migration-new` on the machine that is being migrated to
9. On all clients, edit `zones.conf` files to point to the new master and restart the Icinga process
10. In the new machine's web portal, redeploy Director configuration if using director
11. In the new machine's web portal, navigate to the `Configuration` tab on the left side, then `Application`, `Resources`, and make sure all resources have the correct password