

# **oVirt 3.6 aaa-jdbc provider**

## **Manage your users/groups using database**

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- Introduction
- Managing user/groups/passwords
- Configuration of additional domains

# Introduction

- **'internal' domain**
  - provided by legacy internal provider
  - only one user and no groups
  - ability to change password
  - admin user cannot be disabled (locked)
- **LDAP domains**
  - provided by kerbldap and aaa-ldap providers
  - unlimited numbers of users and groups
  - user/group management is done by LDAP tools

- **LDAP domains**
  - same as in previous version
- **Database domains**
  - provided by new aaa-jdbc provider
  - unlimited number of users and groups
  - user/group management is done by command line tool
  - **'internal'** domain is also provided by aaa-jdbc and it's configured during installation/upgrade

- Complete user/group/password management using provided command line tool
- Plugged into engine using engine AAA extension API
- Users/groups/passwords are stored in PostgreSQL database
- Ability to provide multiple domains (stored in one or multiple PostgreSQL databases)
- More information at [http://www.ovirt.org/Features/AAA\\_JDBC](http://www.ovirt.org/Features/AAA_JDBC)

# Managing user/groups/passwords

ovirt-aaa-jdbc-tool **user** <COMMAND> <...>

- <COMMAND>
  - add
  - edit
  - delete
  - show
  - unlock



`ovirt-aaa-jdbc-tool user password-reset <...>`

- Password can be specified in one of the following formats:
  - interactive
  - on command line
  - using environment variable
  - using a file
  - setting empty password
- By default new password expires at the same moment as it's set

ovirt-aaa-jdbc-tool **group** <COMMAND> <...>

- <COMMAND>
  - add
  - edit
  - delete
  - show

ovirt-aaa-jdbc-tool **group-manage** <COMMAND> <...>

- <COMMAND>
  - useradd
  - userdel
  - groupadd
  - groupdel
  - show

```
ovirt-aaa-jdbc-tool query --what=<ENTITY> <...>
```

- <ENTITY>
  - user
  - group

ovirt-aaa-jdbc-tool **settings** <COMMAND> <...>

- <COMMAND>
  - set
  - show

# Configuration of additional domains

- 'internal' domain configured during setup (using engine database)
- additional domains can be configured manually
- each domain can be installed
  - local or remote database
  - unique user per domain or shared user with unique schema name per domain

- Profile is oVirt AAA extension API term for domain
- Configuration files
  - **/etc/ovirt-engine/extensions.d**
    - <PROFILE>-authn.properties
    - <PROFILE>-authz.properties
  - **/etc/ovirt-engine/aaa**
    - <PROFILE>.properties
- Documentation provided in **/usr/share/doc/ovirt-engine-extension-aaa-jdbc-1.0.0/README.admin**
- Templates provided in **/usr/share/ovirt-engine-extension-aaa-jdbc/examples**



# THANK YOU!

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