

# Dsa plugin

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From:

<https://documentation.fusiondirectory.org/> - **FusionDirectory Documentation**

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[https://documentation.fusiondirectory.org/en/documentation/plugin/dsa\\_plugin](https://documentation.fusiondirectory.org/en/documentation/plugin/dsa_plugin)

Last update: **2014/06/27 21:16**



## How to setup Dsa plugin

This plugin is used to create Directory Service Accounts for administrative purpose (like pam\_ldap, dns, nssldap, smbdap-tools, argonaut etc.) inside the LDAP directory.

## Install required packages

**debian:**

```
apt-get install fusiondirectory-plugin-dsa
```

**rpm:**

```
yum install fusiondirectory-plugin-dsa
```

## Install required schemas

**debian:**

```
apt-get install fusiondirectory-plugin-dsa-schema  
fusiondirectory-insert-schema -i /etc/ldap/schema/fusiondirectory/dsa-fd-  
conf.schema
```

**rpm:**

```
yum install fusiondirectory-plugin-dsa-schema  
fusiondirectory-insert-schema -i /etc/ldap/schema/fusiondirectory/dsa-fd-  
conf.schema
```

## How to use the Dsa plugin

In your FusionDirectory web interface you have now, in the “Administration” section, a new tab and a new icon called “DSA” that you can use to manage service accounts in your ldap directory :

The screenshot shows the FusionDirectory Admin interface. On the left, there's a sidebar with sections for Administration (Departments, Users, Groups, Object groups, Aliases, Systems, Applications, Mime types, Hotplug devices, Auto fs, DSA, Acl), Addons (Configuration, Password recovery), and My account (Generic, Unix, Mail, Password). The 'Administration' section has several icons: Departments, Users, Groups, Object groups, Aliases, Systems, Applications, Mime types, Hotplug devices, Auto fs, DSA (which is highlighted with a red box), and Acl. Below these are 'Addons' and 'My account' sections with their respective icons.

## Create a Dsa account

1. Click on the 'DSA' entry or icon, in administration section, to join the 'DSA management' page.
2. Now you can add a new account (simple security object) via 'Actions -> Create' (or modify the existing ones):

The screenshot shows the 'Actions' dropdown menu. It includes options such as Create (with a sub-menu for Simple security object, User, Group, Object group, Application, and Alias), Edit, Remove, Export list, Copy, Cut, Paste, and Restore snapshots. The 'Simple security object' option under 'Create' is highlighted.

3. A new dialog is open, fill at least in required fields:

The screenshot shows the 'Simple security object' creation dialog. It has tabs for Simple security object, ACL, and References. The Simple security object tab contains fields for 'Base' (set to '/') and 'Entry name\*' (set to 'dns'). The Change password tab contains fields for 'Password method\*' (set to 'crypt/md5'), 'Password' (containing '\*\*\*\*\*'), and 'Password again' (containing '\*\*\*\*\*'). At the bottom are 'Ok', 'Apply', and 'Cancel' buttons.

## Simple security object

**Base:** Object base. **Entry name:** (required) Service Account name.

## Change password

**Password method:** (required) Password hash method to use. **Password:** (required) Service Account password. **Password again:** (required) Same password as above, to avoid errors.

4. Click on *OK* when you have finished.

List of Simple security object			
	Name	Description	Actions
<input type="checkbox"/>	 dns		     
<b>1</b>			

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Last update: **2016/02/12 21:33**



# Generic Dsa plugin Configuration

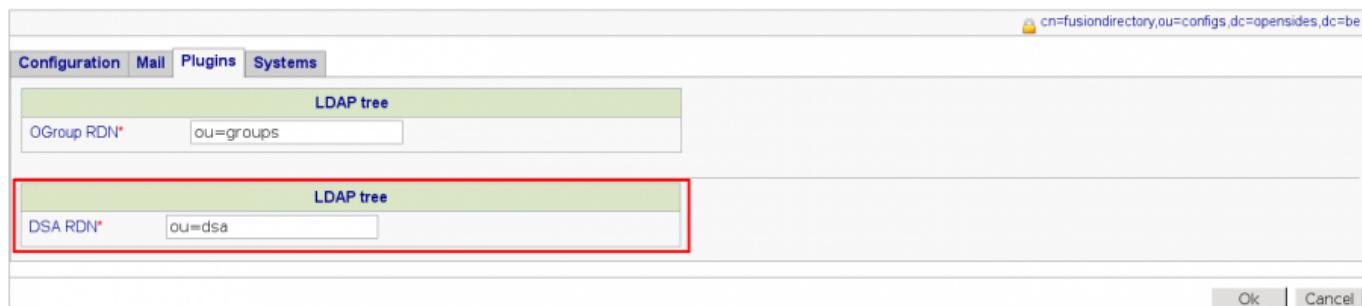
Starting from version 1.0.5, all the FD configuration about the plugin is stored inside the ldap, in *configs* branch.

If you need to modify something, you can access to FD configuration of the plugin by the '*Configuration*' icon or entry in the '*Addons*' section of the main page of FD GUI:



Access to configuration is read-only. If you need to make changes, then you must press the '*Edit*' button at the bottom right of the window.

In Plugins tab you will find the block highlighted in red, which is related to the configuration of the Dsa plugin.



## LDAP tree

- **DSA RDN:** (required) Branch in which Directory Service Account (dsa) will be stored.

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Last update: 2014/06/27 21:16

