

## Redmine - Defect #7003

### LDAP password stored in clear text

2010-11-30 02:37 - Steve Takach

|                        |        |                          |            |
|------------------------|--------|--------------------------|------------|
| <b>Status:</b>         | Closed | <b>Start date:</b>       | 2010-11-30 |
| <b>Priority:</b>       | Normal | <b>Due date:</b>         |            |
| <b>Assignee:</b>       |        | <b>% Done:</b>           | 0%         |
| <b>Category:</b>       | LDAP   | <b>Estimated time:</b>   | 0.00 hour  |
| <b>Target version:</b> |        | <b>Affected version:</b> |            |
| <b>Resolution:</b>     |        |                          |            |

#### Description

This is an issue as database administrators can easily read the password used to interrogate the LDAP. This is undesirable.

The following code can be used to encode the passwords so they are not clear text.

```
require 'base64'

class AuthSourceLdap < AuthSource
  #
  # Encode the LDAP password so it is not clear text in the database
  #
  def account_password=(cleartext)
    if cleartext.nil? || cleartext.empty?
      return
    end
    self[:account_password] = Base64.encode64(cleartext)
  end

  def account_password
    if self[:account_password].nil? || self[:account_password].empty?
      return ""
    end

    Base64.decode64(self[:account_password])
  end
end
```

#### History

**#1 - 2011-02-26 14:25 - Jean-Philippe Lang**

- Status changed from New to Closed

The proposed patch only encodes passwords. This is not much different from storing clear passwords. Encryption support is not added, see [#7411](#).