 No se puede mostrar la imagen en este momento.



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## Security in ALF

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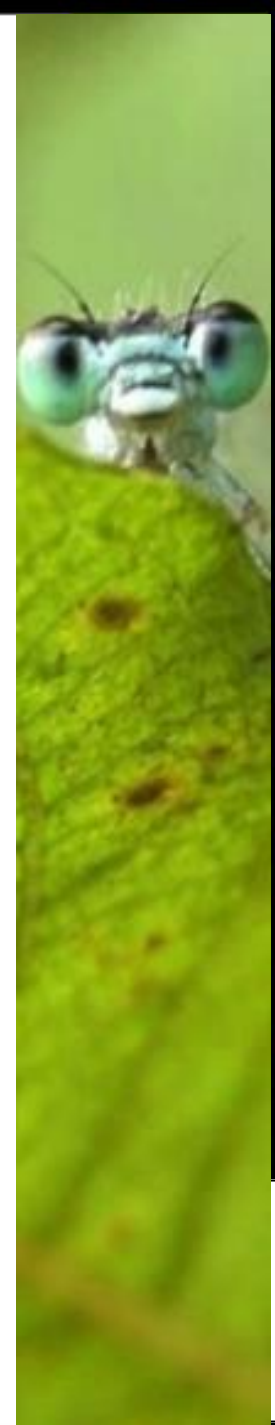
# Cassandra

- Hosted in a virtual machine (VM-6) without public IP (same virtual machine as biocache).
- Access to Cassandra using `Cassandra-cli` directly on our VM.
- Where occurrence data is stored

```
$ cd /data/cassandra/data/occ
```

- Connection to Cassandra

```
$ cassandra-cli
```



# SOLR

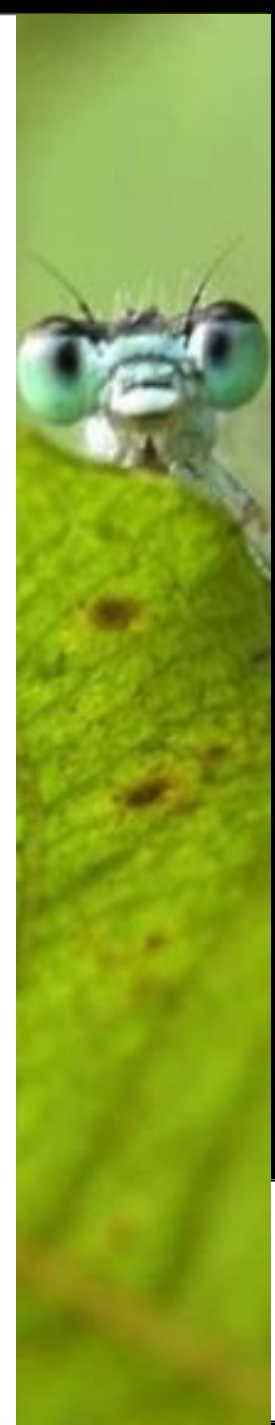
- Hosted in a virtual machine (VM-5) without public IP.
- Access to the SOLR interface using the two following command lines:

1. From your local machine :

```
$ ssh -L 8081:127.0.0.1:8081 -i /PATH/TO/PUBLIC/KEY  
ubuntu@XXX.XXX.XXX.XXX
```

1. From the virtual machine :

```
$ ssh -L 8081:127.0.0.1:8080 vm-5
```



# Administration pages

Page restrictions using Apache2 and htpasswd.

1. Create a file for users and passwords :

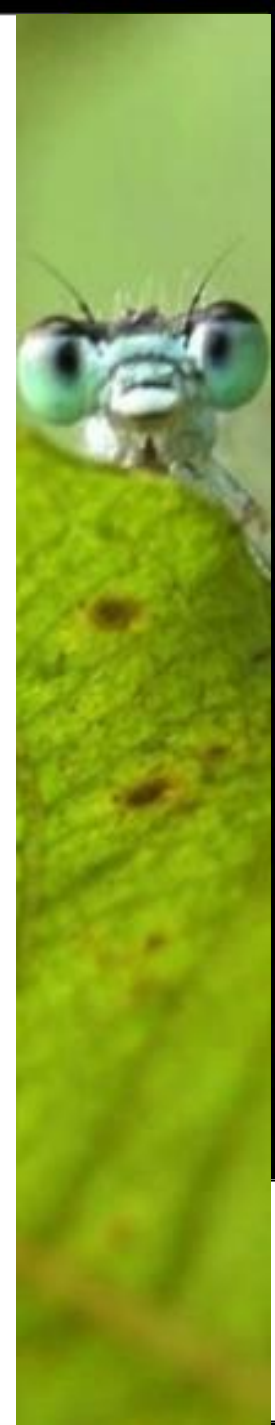
```
$ sudo touch /usr/local/apache/password
```

1. Create a password for user name\_user:

```
$ sudo htpasswd -c /usr/local/apache/password <name_user>
```

1. Modify Apache2 configuration file (for each page you want to have restrict access)

```
<Location "/manage/gbifLoadCountry">  
    AuthType Basic  
    AuthName "Authentication Required"  
    AuthUserFile "/usr/local/apache/password"  
    Require valid-user  
    Order allow,deny  
        Allow from all  
</Location>
```



# Merci !

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