

Dealing with Passwords and Private Keys in Manifests

Everything is
managed with
puppet

DevOps

Git

Work at Home

Laptop

Work in Train

```
node 'foo.bar.ch' {  
    $nagios_parent = "root.bar.ch"  
    $munin_port=65405  
  
    $is_mysqlserver = true  
    $mysql_rootpw = 'somePassword'  
    $munin_mysql_password = 'otherPwd'  
  
    include configsets::foo  
}
```

```
webhosting::static{  
  'spug.ch':  
    uid => '1007',  
    password => '$2a$12[.~]';  
}
```

```
gitosis::repostorage{'spug':  
  initial_admin_pubkey => 'ssh-rsa [...]',  
  uid => '4008', gid => '4008',  
  password => 'somePwd',  
  git_vhost => 'git.spug.ch',  
  sitename => "spug.ch's git repository",  
  admins => 'git@spug.ch',  
  admins_sender => 'git@spug.ch';  
}
```

Solution

Solution

Keep passwords
on the puppetmaster

Solution

Remember:
functions are evaluated
on the master

Trocla

Trocla

```
query_trocla(  
  key,  
  format,  
  random,  
  length = 12)
```

```
maillist{'foobar':  
    password =>  
        query_trocla('maillist.foobar','plain',1)  
} # get a random plain 12  
# character password
```

```
user{'linuxuser':  
    ...  
    password =>  
        query_trocla('user.linux','shadow',1)  
} # get a random shadowd  
# 12 character password
```

```
user{'openbsduser':
```

```
...
```

```
password =>
```

```
    query_trocla('user.openbsd','openbsd',1)
```

```
} # get a random openbsd style password
```

```
mysql_user{'mysqladmin':
```

```
...
```

```
password =>
```

```
    query_trocla('mysql.admin','mysql',0)
```

```
} # get mysql style crypted
```

```
    # non-random character password
```

```
$mysql_root_pw =
```

```
    query_trocla('mysql_root_pw','plain',1,32)
```

```
# get a random plain 32 character password
```

Trocla will be released soon...