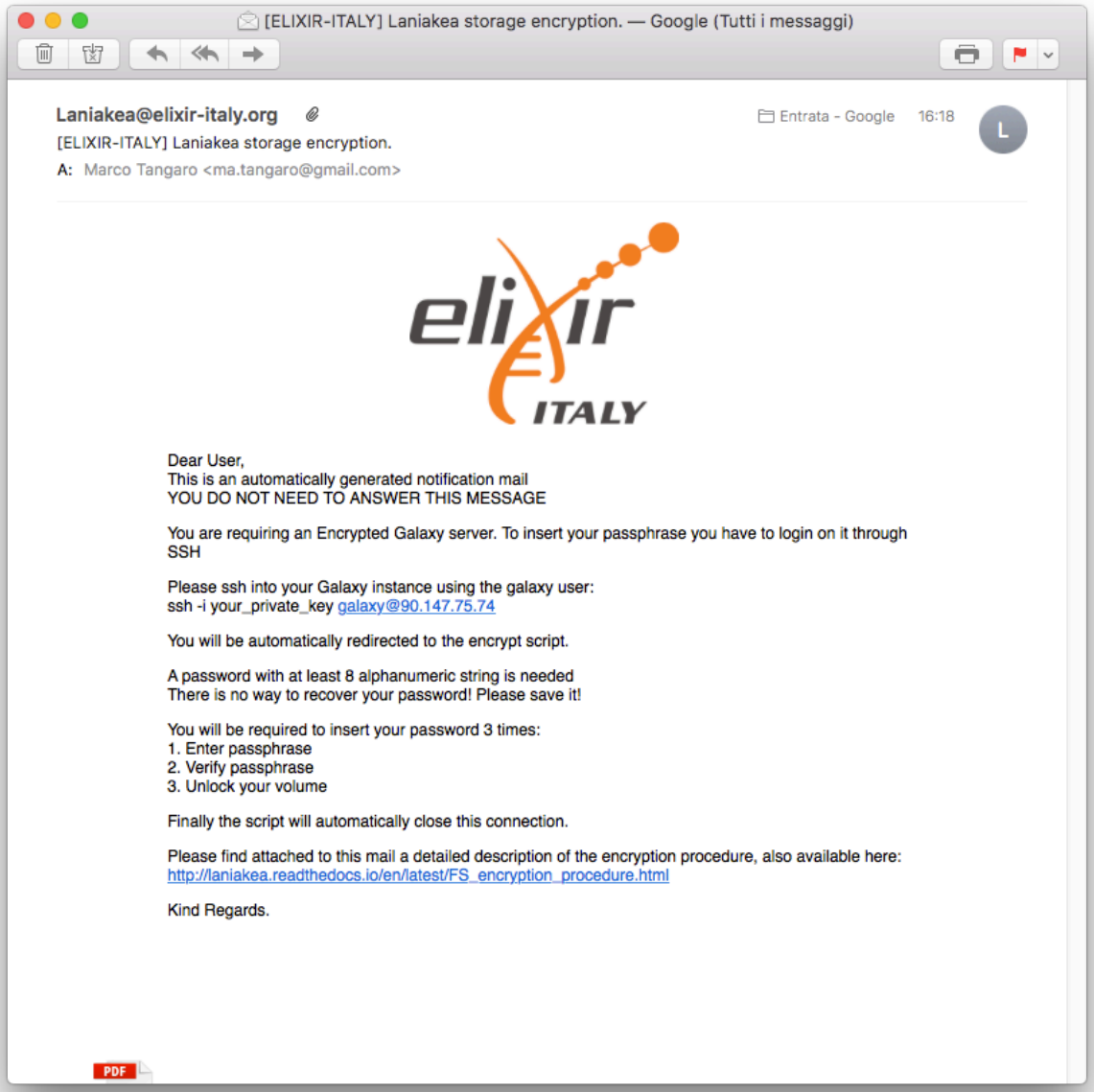
Laniakea encryption procedure

To encrypt the Virtual machine external volume follow this procedure.

Virtual Machine login

Log-in into your machine with:
ssh -i your_private_ssh_key.key galaxy@ip_address


[ELIXIR-ITALY] Laniakea storage encryption. — Google (Tutti i messaggi)

Laniakea@elixir-italy.org
[ELIXIR-ITALY] Laniakea storage encryption.
A: Marco Tangaro <ma.tangaro@gmail.com>

Entrata - Google 16:18

Dear User,
This is an automatically generated notification mail
YOU DO NOT NEED TO ANSWER THIS MESSAGE

You are requiring an Encrypted Galaxy server. To insert your passphrase you have to login on it through SSH

Please ssh into your Galaxy instance using the galaxy user:
ssh -i your_private_key galaxy@90.147.75.74

You will be automatically redirected to the encrypt script.

A password with at least 8 alphanumeric string is needed
There is no way to recover your password! Please save it!

You will be required to insert your password 3 times:
1. Enter passphrase
2. Verify passphrase
3. Unlock your volume

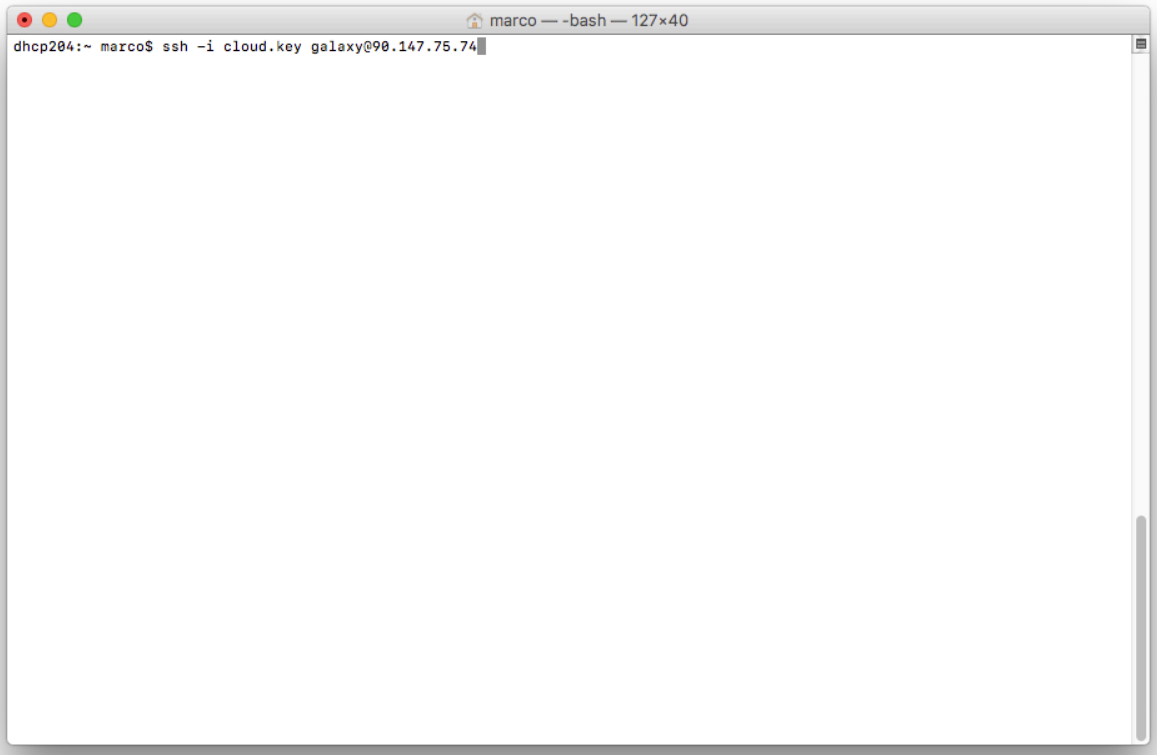
Finally the script will automatically close this connection.

Please find attached to this mail a detailed description of the encryption procedure, also available here:
http://laniakea.readthedocs.io/en/latest/FS_encryption_procedure.html

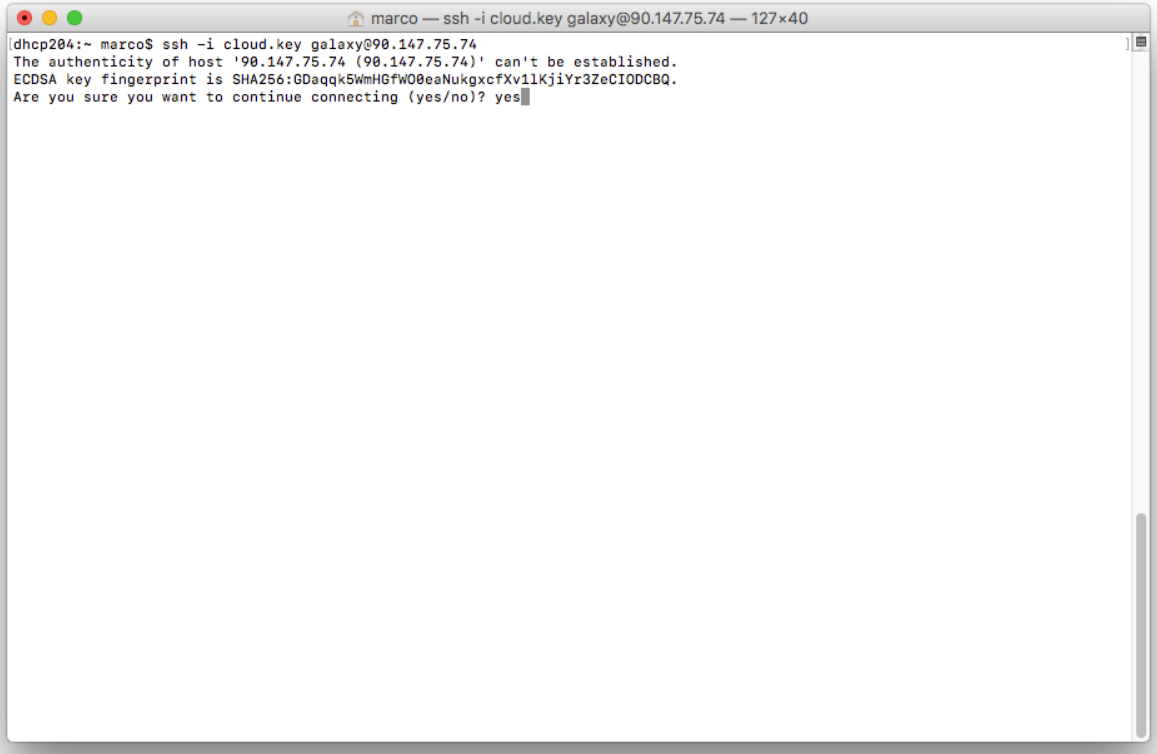
Kind Regards.

PDF

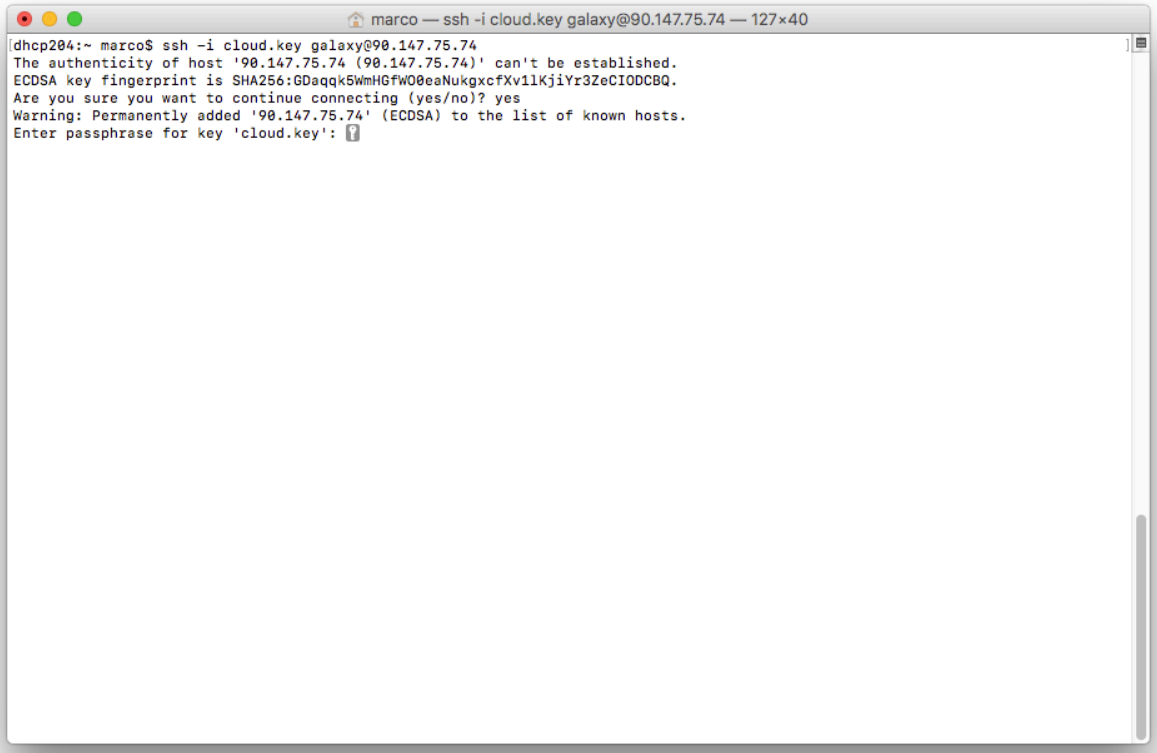
Typical IP addresses are: 90.147.170.xx, 90.147.102.xx or 90.147.75.xx and it is reported in the e-mail we sent you. You can copy and past the command from the mail the system send you.



Probably, you have to permanently accept the connection, typing “yes”.



and then enter your SSH passphrase.



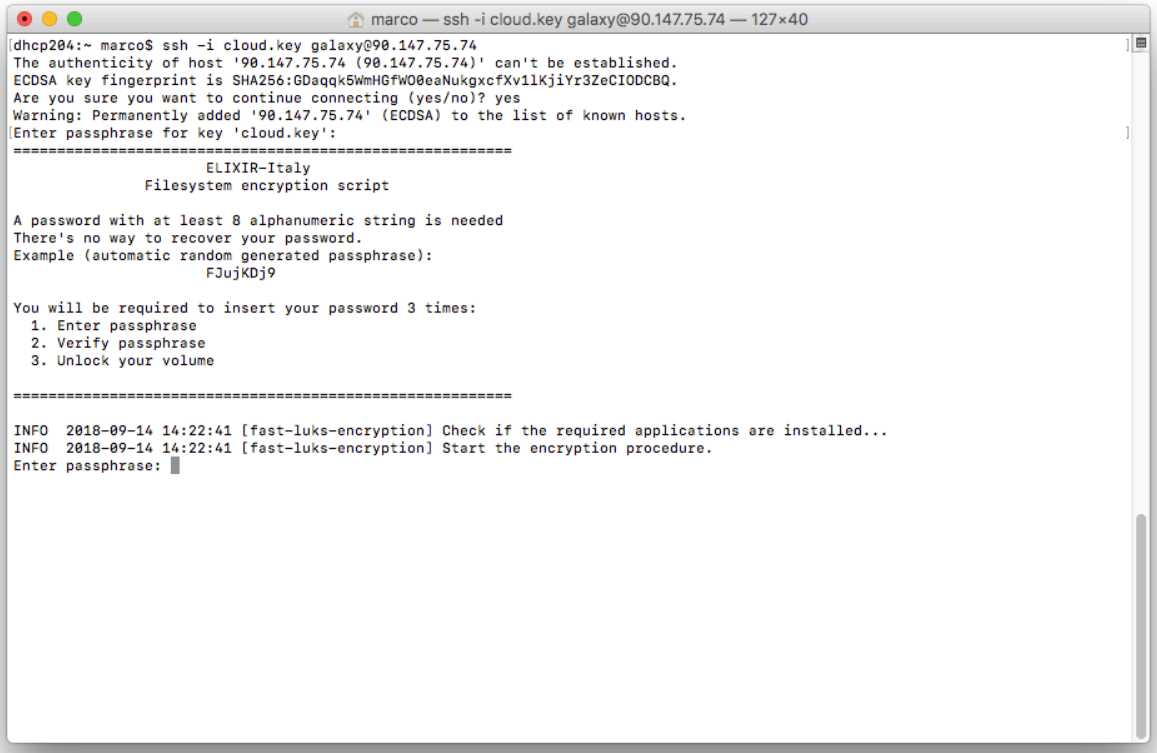
Passphrase creation

You will be now prompted in the encryption script automatically. You will be required to insert an alphanumeric key, at least 8 characters. A key is automatically generated, as example, please do not use if for production!

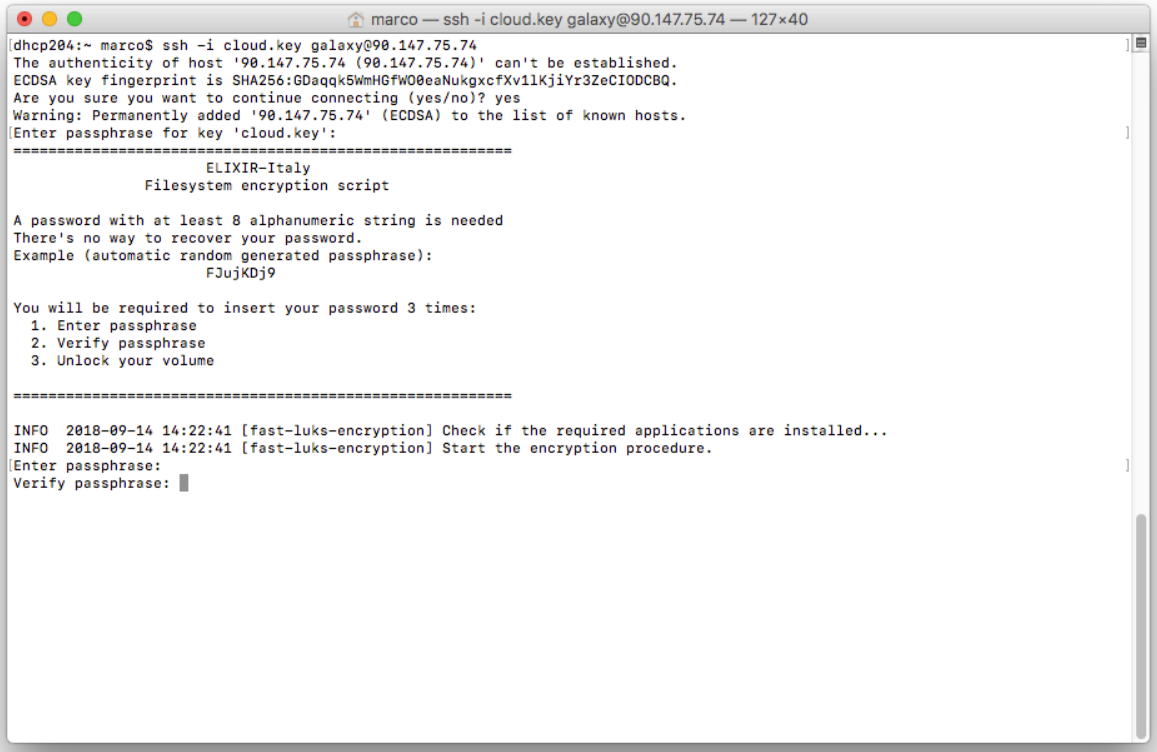
You have to type your password three times:
1. inject your password
2. Confirm your password
3. Unlock your encrypted device

(see next page...

Insert your volume encrypt/decrypt password for the first time:

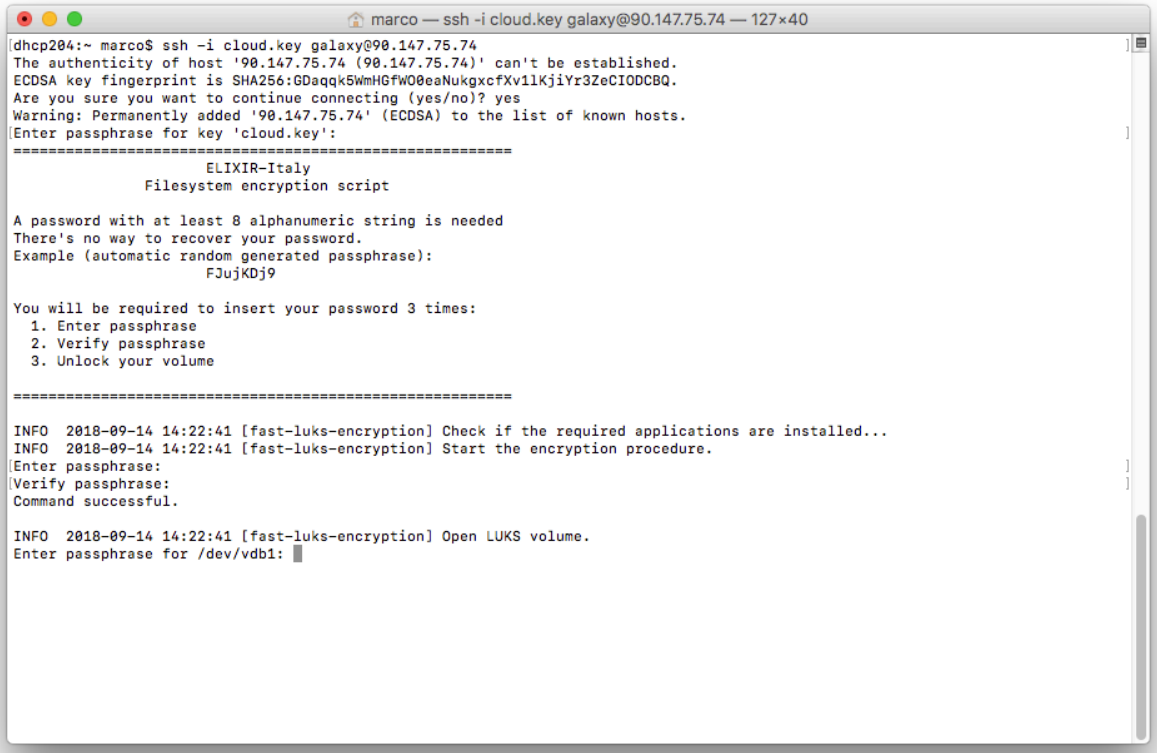


and confirm it:



If the passphrases don’t match, you have to restart the procedure.

Finally you can unlock the encrypted volume typing again your password:



The encryption procedure will continue in background, while you will be automatically log-out the VM, until Galaxy is installed.