



Log-in into your machine:

`ssh -i your_private_ssh_key.key galaxy@virtual.machine.ip.address`

```
[marco@marco-laptop ~]$ ssh -i cloud.key galaxy@90.147.102.61
The authenticity of host '90.147.102.61 (90.147.102.61)' can't be established.
ECDSA key fingerprint is SHA256:AG74odxVId9wH37VpzDfg2RYc5C0cfWQbf2hAmdwZS4.
Are you sure you want to continue connecting (yes/no)? yes
```

Enter your SSH passphrase:

```
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '90.147.102.61' (ECDSA) to the list of known hosts.
Enter passphrase for key 'cloud.key':
```

You will be now prompted in the encryption script automatically.

You will be required to insert an alphanumeric key, at least 8 characters. We have automatically generated an example key for you.

```
=====
                ELIXIR-IIB encryption script - Alpha Version
=====
A password with at least 8 alphanumeric string is needed
There's no way to recover your password! Please save it!

Example (automatic random generated passphrase): KjHXHIC0

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.
=====

=====
Check if the required applications are installed...

=====
Using the selected aes-xts-plain64 algorithm to luksformat the volume

WARNING!
=====
This will overwrite data on /dev/vdb irrevocably.

Are you sure? (Type uppercase yes): YES
```

Type "YES", uppercase, without apex, to proceed.

Then enter your volume encrypt/decrypt password:

```
Are you sure? (Type uppercase yes): YES
Enter passphrase:
Verify passphrase:
Command successful.
```

Unlock the encrypted volume typing your password:

```
=====
Open LUKS volume
Enter passphrase for /dev/vdb:
```

The volume will be now encrypted and you will be automatically get out the VM, until Galaxy is installed.

```
=====
Wiping disk data by overwriting the entire drive with random data
This might take time depending on the size & your machine!
10GiB 0:01:54 [89.3MiB/s] [
Wiping done.
=====
Creating filesystem...
mke2fs 1.42.9 (28-Dec-2013)
Filesystem label=
OS type: Linux
Block size=4096 (log=2)
Fragment size=4096 (log=2)
Stride=0 blocks, Stripe width=0 blocks
655360 inodes, 2620928 blocks
131046 blocks (5.00%) reserved for the super user
First data block=0
Maximum filesystem blocks=2151677952
80 block groups
32768 blocks per group, 32768 fragments per group
8192 inodes per group
Superblock backups stored on blocks:
    32768, 98304, 163840, 229376, 294912, 819200, 884736, 1605632

Allocating group tables: done
Writing inode tables: done
Creating journal (32768 blocks): done
Writing superblocks and filesystem accounting information: done

=====
Mounting encrypted device...

Successful. You will be automatically kicked out by this server. Galaxy will be automatically installed!
5.4.3.2.1.
Exiting.... Goodbye!
Connection to 90.147.102.61 closed.
[marco@marco-laptop ~]$
```