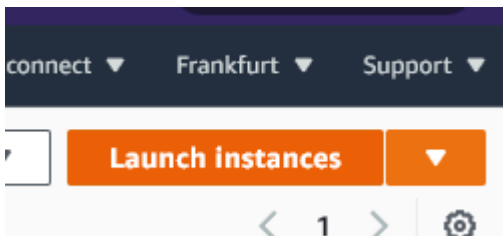


IT - VPS migration

Old instance inventory

Instance creation in AWS

1. Go to AWS management console (e-connect root account)
2. Open EC2 service pane / instances
3. Click on **Launch instances**



4. Select **My AMIs** and choose the latest "web production" image available



web_production_23092021 - ami-0303de0d102f03f9a

web_production_23092021

Root device type: ebs

Virtualization type: hvm

Owner: 433107862528

ENA Enabled: Yes

Select

64-bit (x86)

5. Select an instance type (see the related Paymo story for specs)

Currently selected: t3.small (- ECUs, 2 vCPUs, 2.5 GHz, -, 2 GiB memory, EBS only)								
	Family	Type	vCPUs ⓘ	Memory (GiB)	Instance Storage (GB) ⓘ	EBS-Optimized Available ⓘ	Network Performance ⓘ	IPv6 Support ⓘ
<input type="checkbox"/>	t3	t3.nano	2	0.5	EBS only	Yes	Up to 5 Gigabit	Yes
<input type="checkbox"/>	t3	t3.micro	2	1	EBS only	Yes	Up to 5 Gigabit	Yes
<input checked="" type="checkbox"/>	t3	t3.small	2	2	EBS only	Yes	Up to 5 Gigabit	Yes
<input type="checkbox"/>	t3	t3.medium	2	4	EBS only	Yes	Up to 5 Gigabit	Yes

6. Configure instance details (see the related Paymo story for specs)

Number of instances ⓘ [Launch into Auto Scaling Group](#) ⓘ

Purchasing option ⓘ ☐ Request Spot instances

Network ⓘ ⓘ [Create new VPC](#)

Subnet ⓘ ⓘ [Create new subnet](#)

Auto-assign Public IP ⓘ ⓘ

Placement group ⓘ ☐ Add instance to placement group

Capacity Reservation ⓘ ⓘ

Domain join directory ⓘ ⓘ [Create new directory](#)

IAM role ⓘ ⓘ [Create new IAM role](#)

CPU options ⓘ ☐ Specify CPU options

Shutdown behavior ⓘ ⓘ

Stop - Hibernate behavior ⓘ ☐ Enable hibernation as an additional stop behavior

Enable termination protection ⓘ ☒ Protect against accidental termination

7. Add storage, volumes should be encrypted with default aws/ebs key

Volume Type ⓘ	Device ⓘ	Snapshot ⓘ	Size (GiB) ⓘ	Volume Type ⓘ	IOPS ⓘ	Throughput (MB/s) ⓘ	Delete on Termination ⓘ	Encryption ⓘ
Root	/dev/sda1	snap-09196cd42920570ca	<input type="text" value="40"/>	General Purpose S ⓘ	120 / 3000	N/A	<input checked="" type="checkbox"/>	b0aead24-07 ⓘ

8. Add "Name" tag (see the related Paymo story for the instance name)

Key (128 characters maximum)	Value (256 characters maximum)	Instances ⓘ	Volumes ⓘ	Network Interfaces ⓘ
<input type="text" value="Name"/>	<input type="text" value="ec2-econnect2"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

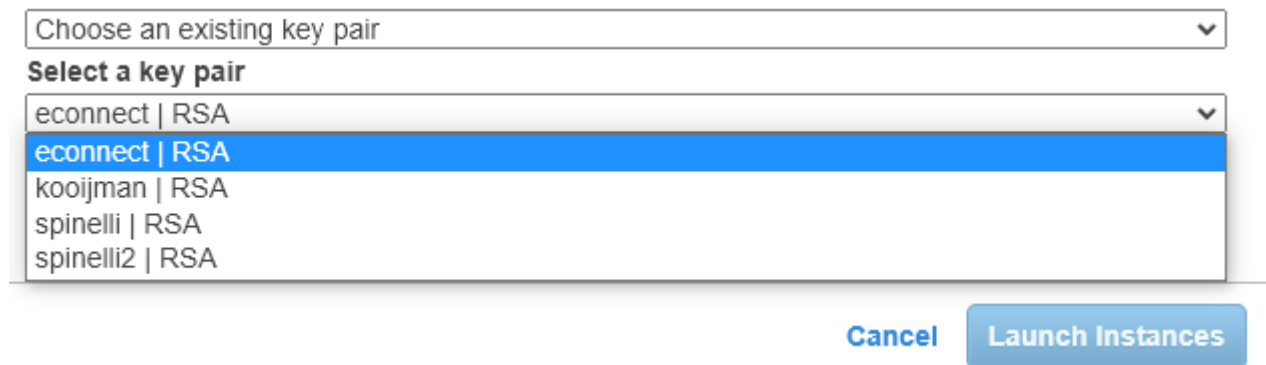
9. Configure security group, assign "E-connect accesses" for a classic web instance

Assign a security group: ☐ Create a new security group ☒ Select an existing security group

Security Group ID	Name	Description	Actions
<input type="checkbox"/> sg-3ca15455	default	default VPC security group	Copy to new
<input checked="" type="checkbox"/> sg-3eba4e57	E-Connect accesses	E-Connect accesses created 2014-12-12T11:06:23.778+01:00	Copy to new
<input type="checkbox"/> sg-07d0995d2770h2902	E-connect elastisearch	E-connect elastisearch	Copy to new

10. Click on review and launch, then select a key pair. Of course, you must select a key that

you own !

A screenshot of the AWS Management Console interface for selecting a key pair. At the top, there is a dropdown menu with the text "Choose an existing key pair" and a downward arrow. Below this is a section titled "Select a key pair" in bold. Underneath, there is another dropdown menu showing a list of key pairs: "econnect | RSA", "kooijman | RSA", "spinelli | RSA", and "spinelli2 | RSA". The "econnect | RSA" option is currently selected and highlighted with a blue background. At the bottom right of the interface, there are two buttons: a blue "Cancel" button and a blue "Launch Instances" button.

Choose an existing key pair ▼

Select a key pair

econnect | RSA ▼

econnect | RSA

kooijman | RSA

spinelli | RSA

spinelli2 | RSA

Cancel Launch Instances

Instance setup (OS)

1. Log into the instance using SSH
2. Update/upgrade APT packages

```
sudo apt update
sudo apt upgrade
sudo reboot now
# once rebooted
sudo apt autoremove
```

3. Change Hostname permanently

```
sudo hostnamectl set-hostname ec2-*servername*
sudo reboot now
```

4. Edit hosts file and add servername to the localhost entries
5. Run ansible playbooks

Instance setup (ISPconfig)

1. Log into ISPconfig console <https://serverip:8080> using the admin credentials
2. Go to System > Server services and configure options like the following (set the servername accordingly)

Server

Services

Servename:

Mailserver: ☐

Webserver: ☒

DNS-Server: ☐

Fileserver: ☒

DB-Server: ☒

VServer-Server: ☐

XMPP Server: ☐

Active:

Save

Cancel

3. Go to Sites > Website and add your website(s)

Domain	Redirect	SSL	Statistics	Backup	Options
Server:	ec2-e-connect2.e-connect.lu				
Client:	E-connect :: E-connect (econnect, C1)				
IPv4-Address:	*				
IPv6-Address:					
Domain:	e-connect.lu				
Dependent sub- / aliasdomains:	e-connect.com				
Document Root:	/var/www/clients/client1/web7				
Harddisk Quota:	-1				MB
Traffic Quota:	-1				MB
CGI:	<input type="checkbox"/>				
SSI:	<input type="checkbox"/>				
Perl:	<input type="checkbox"/>				
Ruby:	<input type="checkbox"/>				
Python:	<input type="checkbox"/>				
SuEXEC:	<input checked="" type="checkbox"/>				
Own Error-Documents:	<input type="checkbox"/>				
Auto-Subdomain:	www.				
SSL:	<input type="checkbox"/>				
Let's Encrypt SSL:	<input type="checkbox"/>				
PHP:	PHP-FPM				
PHP Version:	PHP 5.6				
Web server config:	-				
Active:	<input checked="" type="checkbox"/>				
					<input type="button" value="Save"/> <input type="button" value="Cancel"/>

Révision #6

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