

Flexible Reserved Instances



Business



All to know about Flexible Reserved Instances.

SUMMARY

- 1. Presentation of Flexible Reserved Instances 3
- 2. How to subscribe to Flexible Reserved Instances? 3
 - a) Log in to your technical console to check if the service you want to reserved is available 3
 - b) From your customer space, click on the “catalog” tab to access the services available for reservation 4
 - c) Find the service you wish to reserve and click on the "order" button on the instance reservation tile 4
 - d) Specify the contract, the region and the flavor. These fields are required to progress through your order process 5
 - e) Select the desired subscription or subscriptions from the list of available subscriptions displayed 5
 - f) Select the desired start date and finalize your order by clicking on the "order" button 6
- 3. Changing your instances reservation 7
 - a) Simple upgrade 7
 - b) Multiple upgrade 7
 - c) Combination 7
 - d) Dissociation 8
- 4. Conditions related to the modification of your instance reservation 8
 - a) Change period 8
 - b) Terms of the contract 9
 - c) Application rules related to the modification of your subscription 9
 - d) Refund of the initial payment paid and calculation of the new payment due 11
- 5. How to modify your reservation of Flexible Reserved Instances? 12
 - a) Click on the "..." corresponding to your contract and then on "see subscriptions" 12
 - b) Click on the "Modify" button associated with your subscription of flexible reserved instances 12
 - c) Choose your resources to modify then click on the "Next" button 12
 - d) Select the new resources you want to reserve 13
 - e) Finalize your order by clicking on the "validate" button from the Summary of changes step 14
- 6. How to cancel your Flexible Reserved Instance? 15
 - a) Click on the “...” corresponding to your contract and then on “see subscriptions” 15
 - b) Choose the subscription you wish to cancel by clicking on the 3 dots and click on “cancel” 15
 - c) Confirm the cancellation by clicking on “ok”. 16
- 7. When can I cancel my Reserved Instance? 16
- 8. Calculation of termination penalties 17
 - Example 17
- 9. How do I extend my Flexible Reserved Instance? 17
- 10. Frequently asked questions 19

All to know about Flexible Reserved Instances.

1. Presentation of Flexible Reserved Instances

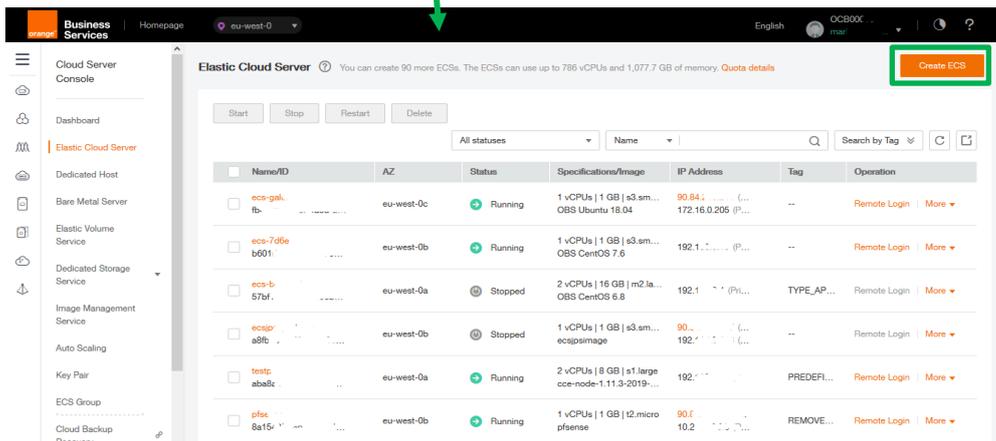
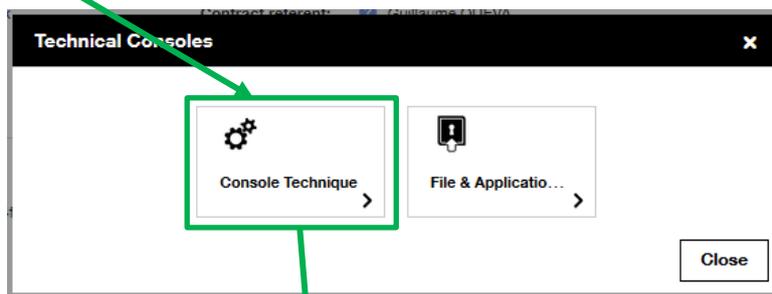
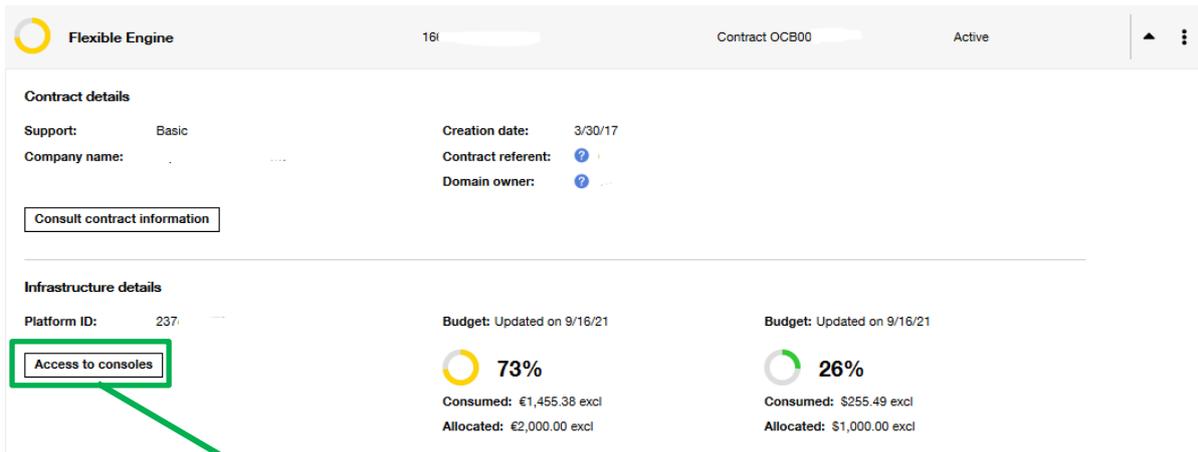
Flexible reserved instances offer you the ability to modify your instance reservation during the duration of your engagement. This allows you to adapt your infrastructure to your needs.

Flexible reserved instances also allow you to benefit from a significant discount compared to the pricing of on-demand instances (up to 57% discount).

2. How to subscribe to Flexible Reserved Instances?

To order Reserved Instances of flexible type:

- a) Log in to your technical console to check if the service you want to reserved is available



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Two possible scenarios:

- **You already use the instance** (with the same features) running in Pay as You Go mode: you can directly switch to step **b)** and reserved your instance in your customer cloud store space
- **You do not use the instance:** You need to make sure you have launched / created the resource in your Technical Console before making a Reserved Instance request on the Cloud Store.

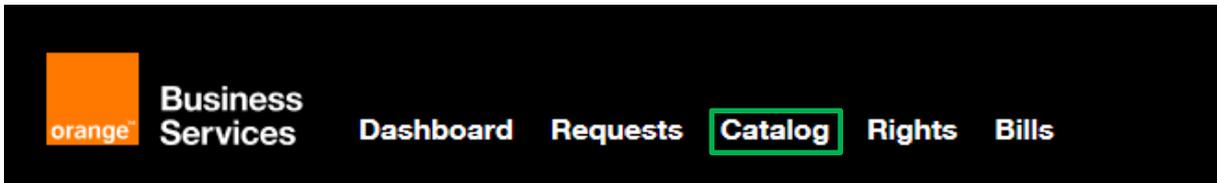
For example for an ECS, click on “create ECS” and follow the different steps to configure the instance. At the end click on “confirm”.



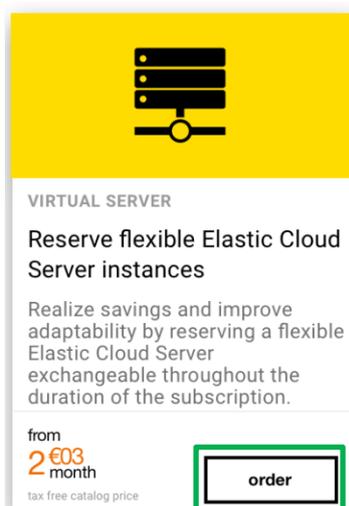
You need to make sure that you follow this step and that you have put in place a one to one reservation policy: **One item in the Technical Console must equal one reserved instance/service in the Cloud Store.**

Once the service is activated, you can go on your customer space to reserve your instance.

- b) From your customer space, click on the “catalog” tab to access the services available for reservation



- c) Find the service you wish to reserve and click on the "order" button on the instance reservation tile



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- d) Specify the contract, the region and the flavor. These fields are required to progress through your order process

You can order several reserved instances at the same time. These reserved instances can be of different sizes, on different regions and for different contracts.

Reserve flexible Elastic Cloud Server instances

from **4^{€06}** month

Excl tax catalog price

Subscription features
Summary

Flexible Elastic Cloud Server instances subscription allows you to modify your reservation throughout the duration of the subscription.

You can exchange your reserved instances with one of more new reserved instances, as long as the configuration (vCPU and GB of RAM) and the price are greater than the previous ones.

1. Please select the region and the size of the resource which you wish to reserve.
2. Please select the subscription type (with or without initial payment) and the duration on which you wish to make your booking.

Contract : Region : Flavor :

Need help ?

- e) Select the desired subscription or subscriptions from the list of available subscriptions displayed

Subscription features
Summary

Flexible Elastic Cloud Server instances subscription allows you to modify your reservation throughout the duration of the subscription.

You can exchange your reserved instances with one of more new reserved instances, as long as the configuration (vCPU and GB of RAM) and the price are greater than the previous ones.

1. Please select the region and the size of the resource which you wish to reserve.
2. Please select the subscription type (with or without initial payment) and the duration on which you wish to make your booking.

Contract : Region : Flavor :

Name ^v	Duration ^v	RAM (1)	vCPU (1)	Upfront (1)	Recurring charge (1)	Average cost (1)(2)	Quantity
Reservation flexible s3.large.2 1 year with upfront	12 Month	16 GB	8	€1,038.12	€86.52	€173.04	4 <input type="text"/>
Reservation flexible s3.large.2 1 year without upfront	12 Month	4 GB	2	-	€44.99	€44.99	<input type="text"/>
Reservation flexible s3.large.2 2 years with upfront	24 Month	4 GB	2	€449.85	€18.74	€37.48	<input type="text"/>
Reservation flexible s3.large.2 2 years without upfront	24 Month	4 GB	2	-	€39.22	€39.22	<input type="text"/>
Reservation flexible s3.large.2 3 years with upfront	36 Month	4 GB	2	€570.97	€15.86	€31.72	<input type="text"/>

1 - 5 on 6 subscription
< 1 2 >

Summary of your order

Contract	Name ^v	Region ^v	Duration ^v	RAM (1)	vCPU (1)	Upfront (1)	Recurring charge (1)	Average cost (1)(2)	Quantity	
OCB...	Reservation flexible s3.large.2 1 year with upfront	France (eu-west-0)	12 Month	16 GB	8	€1,038.12	€86.52	€173.04	4 <input type="text"/>	

1 - 1 on 1 subscription < 1 >

vCPU Total : 8 RAM Total : 16 GB Total upfront : €1,038.12 Total recurring charge : €86.52 /month

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f) Select the desired start date and finalize your order by clicking on the "order" button

Subscription features
Summary

Need help ?

Summary of your order

Contract	Name	Region	Duration	RAM (1)	vCPU (1)	Upfront (1)	Recurring charge (1)	Average cost (1)(2)	Quantity
	Reservation flexible s3.large.2 1 year with upfront	France (eu-west-0)	12 Month	16 GB	8	€1,038.12	€86.52	€173.04	4

1 - 1 on 1 subscription

vCPU Total : 8
RAM Total : 16 GB
Total upfront : €1,038.12
Total recurring charge : €86.52 /month

(1) The prices displayed correspond to the total number of resources reserved.
 (2) Monthly price including the amount of the initial payment as well as the monthly installments to be paid in relation to the number of months of the subscription.

Characteristics of new subscriptions

Desired start date *	1st of current month
	Warning : By choosing the 1st of the current month, the whole month will be invoiced in reserved mode.
Subscription start date	5/1/23

Previous
Order

Order transmitted
✕

Thank you! Your order has been taken into account. You can find information relative to your order from your customer space by clicking on My account > My Orders, once they are completed.

Ok

A confirmation message for your order will be displayed.



Flexible Engine
 Mr. John Smith

Confirmation of your order



Your order FE1 is confirmed!

Hello Mr. John Smith,

Thank you for ordering the subscription **Reserve flexible Elastic Cloud Server instances** (1 x Reservation flexible s3.medium.4 3 year with upfront) on your contract **Flexible Engine OCB0**

Your subscription starts on **1/1/20** for a period of **12 months**.

You can track your subscription information by clicking on My account > My subscriptions, in your [Cloud Customer Space](#).

The upfront payment excluding tax is **104.89 €**, the price excluding tax of this subscription is **8.74 € per month**.

We thank you for your trust.
The Orange Team

An order confirmation email is sent to you.

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3. Changing your instances reservation

You can exchange one or more flexible reserved instances for one or more flexible reserved instances (subject to compliance with the rules mentioned in section [4. Conditions related to the modification of your instance reservation](#)). There is no limit to the number of exchanges you can make.

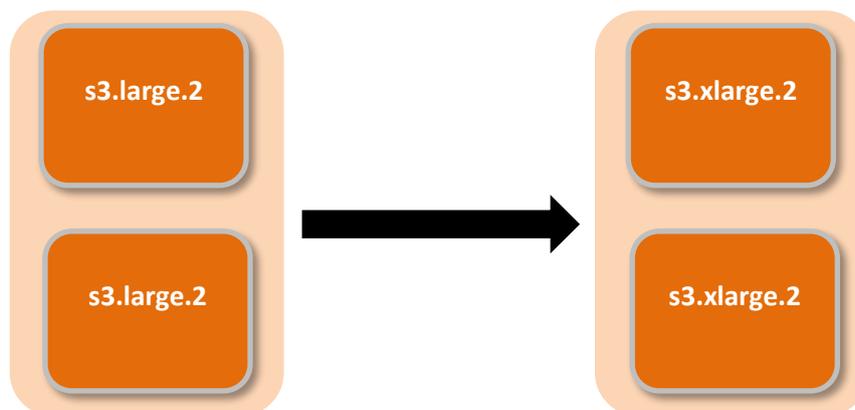
The different types of modification possible are:

a) Simple upgrade



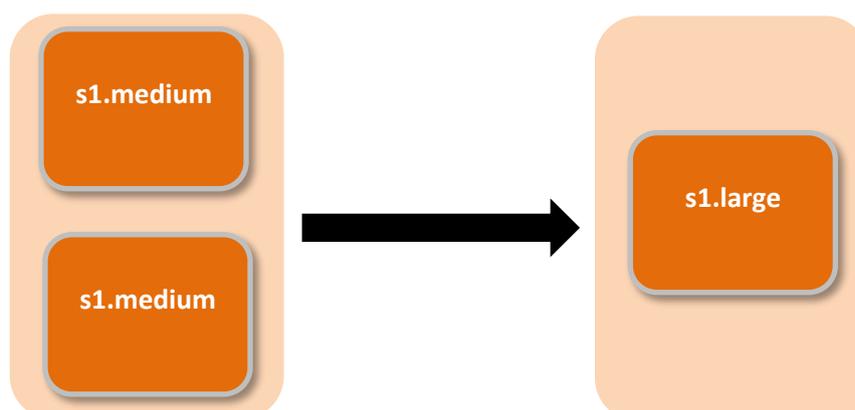
Change a flexible reserved instance to a higher flexible reserved instance in vCPU, GB RAM and price.

b) Multiple upgrade



Change several flexible reserved instances to several higher flexible reserved instances in vCPU, GB RAM and price.

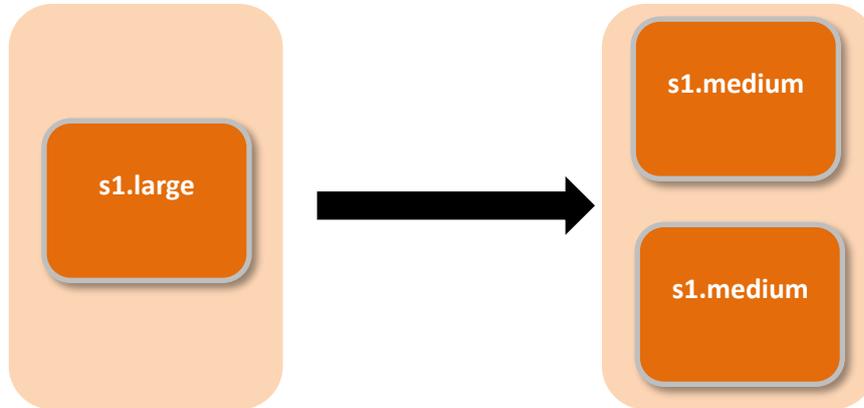
c) Combination



Consolidate multiple flexible reserved instances into a single higher flexible reserved instance in vCPU, GB RAM and price.

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d) Dissociation



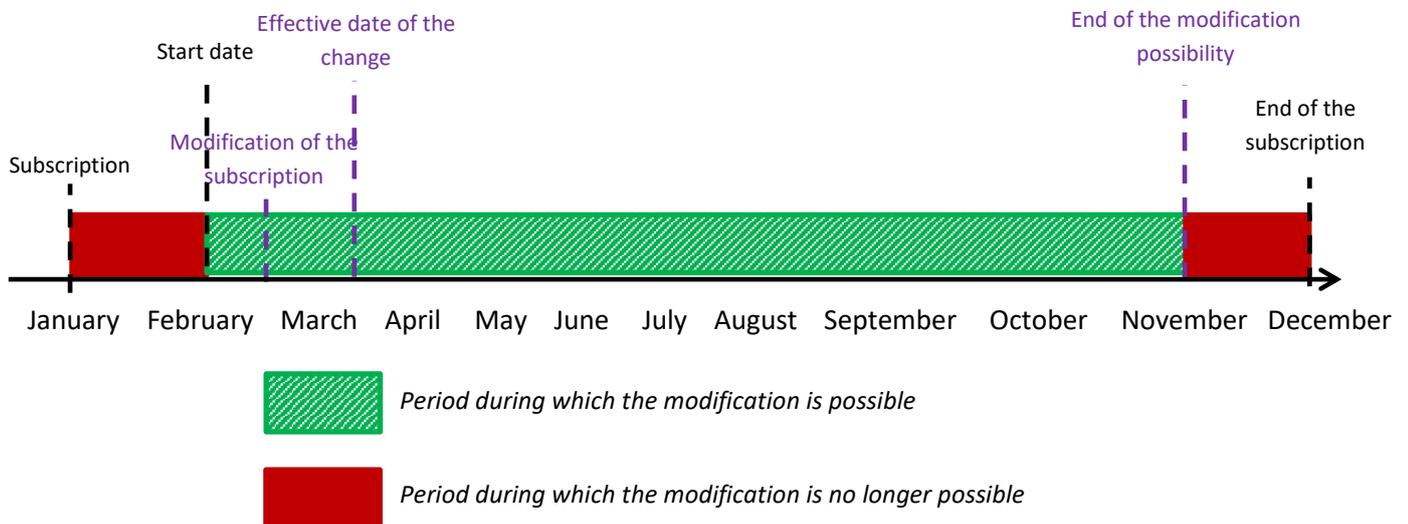
Divide a flexible reserved instance into several flexible reserved instances. The total in vCPU, GB of RAM and target instances prices must be higher than the source instance.

4. Conditions related to the modification of your instance reservation

a) Change period

It is possible to modify your instance reservation as soon as you subscribe to flexible reserved instances. However, the exchange of your flexible reserved instances **will be effective at the beginning of the month following your change request**.

Example: You subscribed to a subscription for flexible reserved instances on January 12, 2019. You have chosen a subscription period of 12 months. You subscribed to flexible reserved instances on March 3, 2019:



Warning: You can no longer make any changes to your instance reservation from the last month of your subscription

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b) Terms of the contract

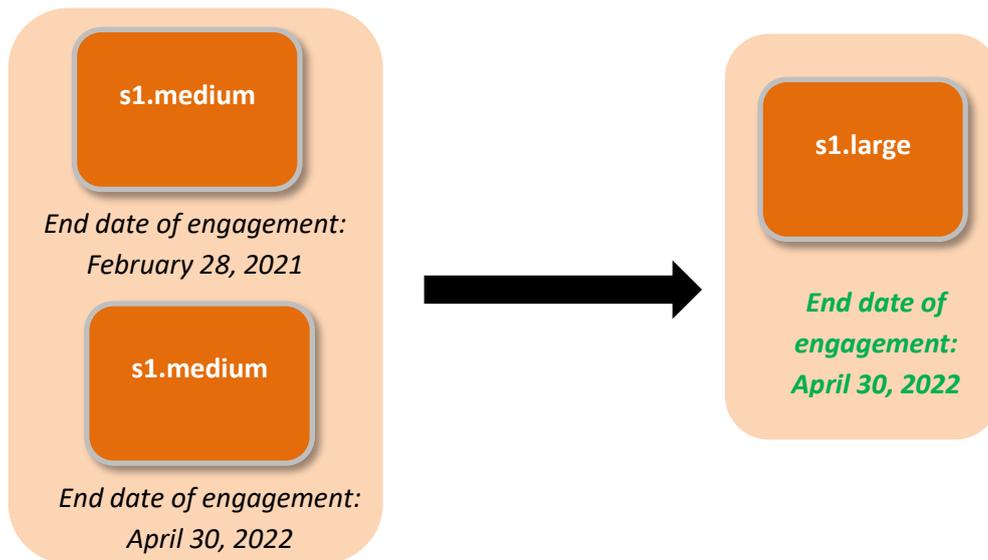
- When you exchange a flexible reserved instance for one or more flexible reserved instances, **the latter take the end date of the engagement of the modified reserved instance:**



*End date of engagement:
January 31, 2021*

*End date of engagement:
January 31, 2021*

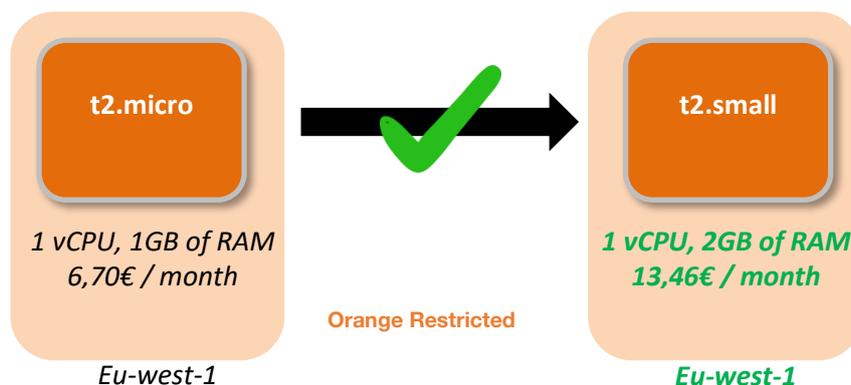
- When you combine several flexible reserved instances with different engagement end dates, **the new instance takes the engagement end date of the most distant flexible reserved instance source:**



c) Application rules related to the modification of your subscription

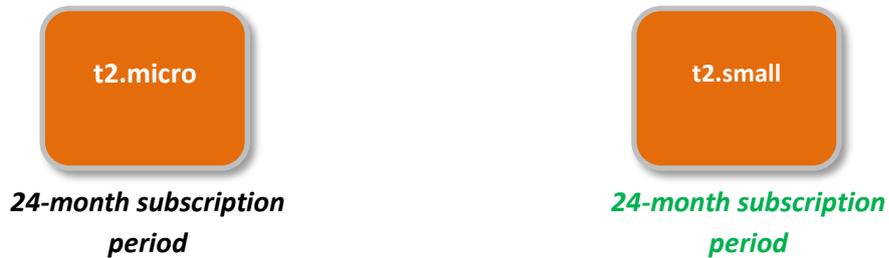
To be able to modify your instance reservation, rules apply:

- The exchanged flexible reserved instances **must belong to the same region:**

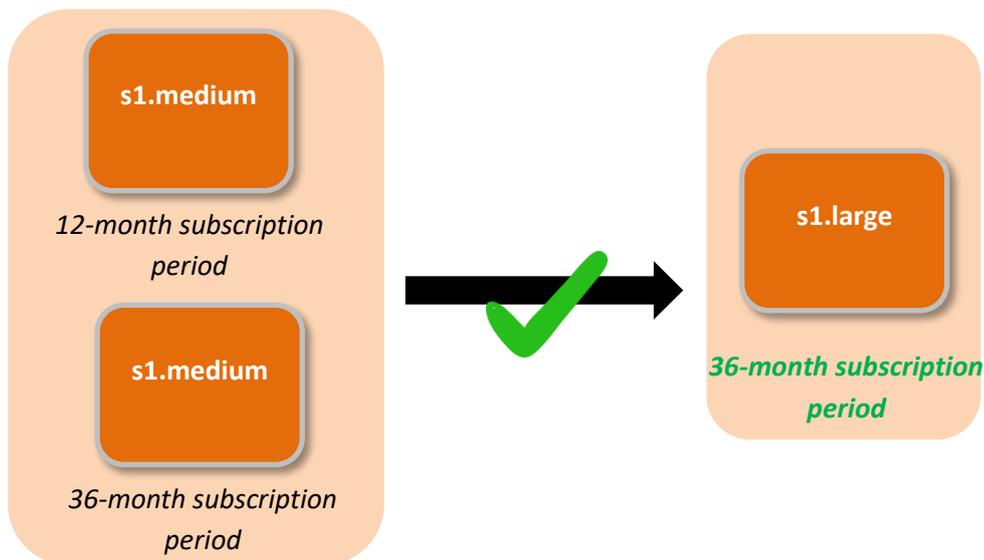


All to know about Flexible Reserved Instances.

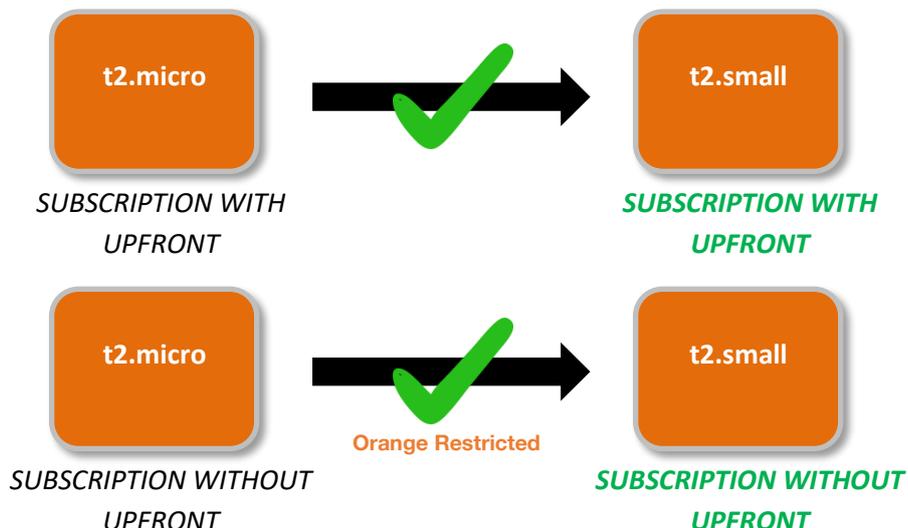
- When exchanging a flexible reserved instance for one or more flexible reserved instances, only flexible reserved instances with the same engagement duration will be available:



- When exchanging several flexible reserved instances for one or more flexible reserved instances, only the new flexible reserved instances with a commitment duration similar to the commitment duration of the longest source flexible reserved instance will be selectable:

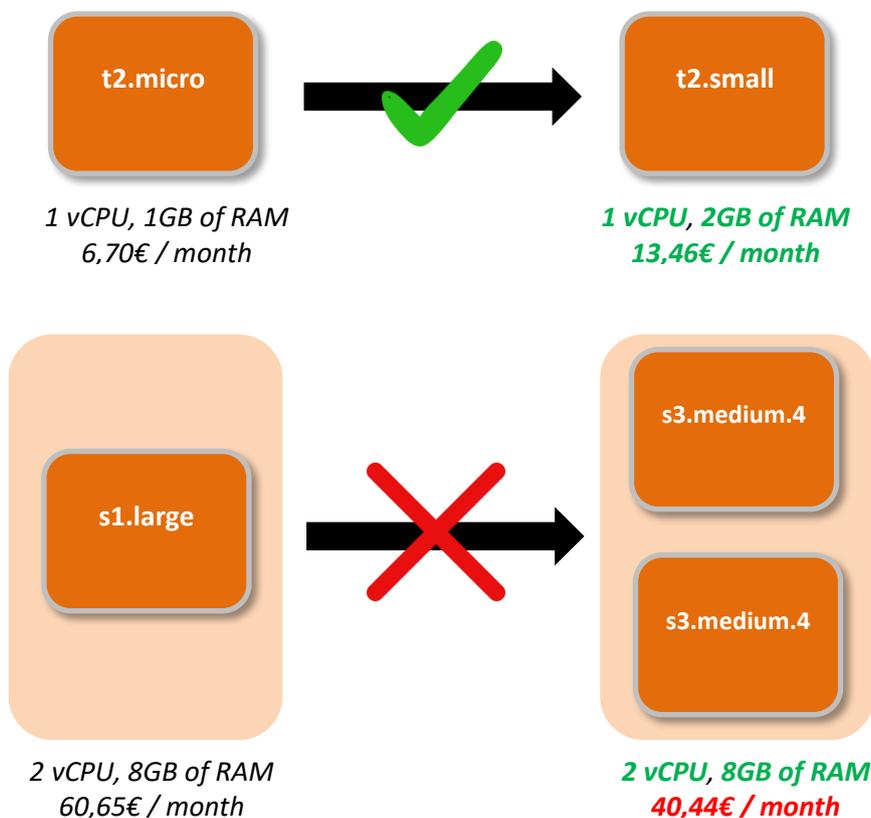


- If the flexible reserved instances sources to be exchanged are with an upfront then the new flexible reserved instances are **with an upfront as well**. If the flexible reserved instances to be exchanged are without upfront then the new flexible reserved instances are **without upfront**:



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- The configuration (vCPU and RAM GB) and price of the new flexible reserved instances must be **greater than or equal** to those of the exchanged flexible reserved instances:



d) Refund of the initial payment paid and calculation of the new payment due

When you exchange a flexible reserved instance with upfront for another flexible reserved instance with upfront, we will refund you pro rata the initial deposit you paid at the beginning of your reservation. However, you must pay pro rata the new upfront related to the new flexible reserved instance.

Example: on January 1, 2021, you reserved a flexible t2.micro instance for a period of one year. You have chosen the payment method with upfront and have paid 33,21€. On April 18, 2021 you decide to exchange your t2.micro for a t2.small instance. The upfront amount for this instance and for a one-year subscription is 66,43€. This amendment is effective May 1, 2022.

a) Refund of the paid upfront:

= (Number of months remaining before the end of the subscription / Total number of months of the subscription) x amount of upfront paid
 = (8 months / 12 months) x 33,21€ = 22,14 €

b) Calculation of the new initial upfront due:

= (Number of months remaining before the end of the subscription / Total number of months of the subscription) x Total initial payment amount of the new flexible reserved instances
 = (8 months / 12 months) x 66,43€ = 44,29 €

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5. How to modify your reservation of Flexible Reserved Instances?

If you wish to modify your Reserved Instance subscription, you must go to your cloud store customer space:

- a) Click on the "..." corresponding to your contract and then on "see subscriptions"

The screenshot shows the 'Flexible Engine' interface for contract OCB0. The 'Contract details' section includes fields for Support (Basic), Company name, Creation date (3/30/17), Contract referent, and Domain owner. A 'Consult contract information' button is visible. A dropdown menu is open, showing options: 'Manage the requests', 'Order a service', 'Manage the users', 'See subscriptions' (highlighted with a green box), 'See invoices', and 'Need some help?'.

You will find in this page the list of your Reserved Instances and Flexible Reserved Instances.

- b) Click on the "Modify" button associated with your subscription of flexible reserved instances

Subscription date	Reference	Name	Quantity	Price	Begin date	Status	Actions
01/08/19	FE 16	Reservation cc3 medium 1 year with upfront	30	50,54 € /month	01/09/19		Modify ✕
01/05/19	FE 16	Reservation cc3.micro 2 years with upfront	1	545,14 € /month	01/06/19	On going	⌵ ⋮
01/04/19	FE 16	Reservation s1 medium 1 year with upfront	10	1000,56 € /month	01/05/19	Terminated	⌵ ⋮

- c) Choose your resources to modify then click on the "Next" button

The screenshot shows the 'Subscription modification for OCB0' dialog box. It has three steps: 'Select the resources to be modified' (active), 'Modification of selected resources', and 'Modifications summary'. A search bar is present. Below is a table of resources with columns for Subscription name, Region, Reference, Duration, RAM, vCPU, Upfront, Recurring charge, Quantity, and Selection. The first row is highlighted with a green box, and its 'Quantity' field is set to 2. At the bottom, a summary bar shows 'vCPU total: 2', 'RAM total: 2 GB', and 'Recurring charge total: 6.2€/month'. A 'Next' button is highlighted with a green box.

You can adjust the quantity of resources to be modified.

Information about the total vCPU, total RAM and Total Price will be updated accordingly.



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d) Select the new resources you want to reserve

Subscription modification for OCB0001655 contract

Select the resources to be modified Modification of selected resources Modifications summary

Please select the new resources. Beforehand, we invite you to consult the "Need help" page to take note of the modification rules to follow. [Need help](#)

Region: All regions Flavor: All flavors

Name	Region	Duration	RAM (1)	vCPU (1)	Upfront (1)	Recurring charge (1)	Average cost (1)(2)	Quantity
Reservation flexible ai1.2xlarge.4 1 year with upfront	France (eu-west-0)	12 month	32 GB	8	2,364.12€	197.01€	394.02€	1
Reservation flexible ai1.4xlarge.4 1 year with upfront	France (eu-west-0)	12 month	64 GB	16	4,728.23€	394.02€	788.04€	1
Reservation flexible ai1.8xlarge.4 1 year with upfront	France (eu-west-0)	12 month	128 GB	32	9,456.11€	788.01€	1,576.02€	1
Reservation flexible ai1.large.4 1 year with upfront	France (eu-west-0)	12 month	8 GB	2	590.94€	49.25€	98.5€	1
Reservation flexible ai1.xlarge.4 1 year with upfront	France (eu-west-0)	12 month	16 GB	4	1,181.88€	98.49€	196.99€	1

1 - 5 on 211 subscriptions

You can change the region, the template and the quantity.

Note: If the vCPU, RAM and Total Price counters turn red, it means that the underlined data does not comply with the rules established previously. Here, the price is higher but the vCPU and RAM of the selected flexible reserved instance are lower than the total of the modified resources.

Selected resources (1)

Name	Duration	RAM (1)	vCPU (1)	Upfront (1)	Recurring charges (1)	Average cost (1)(2)	Quantity
Reservation c1.4xlarge 1 year with upfront	12 months	1000 Go	20	756,98 €	365,09 €	453,87 €	1

01 on 01 resource

Total vCPU: 20 **Total RAM: 1000 Go** **Total price: 453,87 € / month**
 Total vCPU: 53 minimum RAM: 5050 Go minimum price: 395,64 € / month

All to know about Flexible Reserved Instances.

e) Finalize your order by clicking on the "validate" button from the Summary of changes step

✕

Subscription modification for OCB contract

1. Selection of resources to be modified
3. Modification summary

Need help ?

Modified resources (2) ▲

Name ↕	Reference ↕	Duration ↕	RAM (1) ↕	vCPU (1) ↕	Upfront (1) ↕	Recurring charge (1) ↕	Average cost (1) (2) ↕	Quantity
Reservation cc3.medium 1 year with upfront	FR 1655-3007-025	12 months	5000 Go	50	75,70 €	36,51 €	41,51 €	10 ▼
Reservation s1.medium 1 year with upfront	FR 1655-3007-031	12 months	50 Go	3	211,55 €	30,55 €	58,55 €	1 ▼

02 on 02 resources < 1 >

Total vCPU: 53 Total RAM: 5050 GB Total price: 395,64 € / month

New resources (2) ▲

Name ↕	Duration ↕	RAM (1) ↕	vCPU (1) ↕	Upfront (1) ↕	Recurring charges (1) ↕	Average cost (1) (2) ↕	Quantity
Reservation c1.4xlarge 1 year with upfront	12 months	5000 Go	100	3784,90 €	1825,45 €	2345,89 €	5 ▼
Reservation c1.2xlarge 1 year with upfront	12 months	1000 Go	30	211,55 €	50,54 €	75,78 €	1 ▼

02 on 02 resources < 1 >

Total vCPU: 130 Total RAM: 6000 Go Total price: 1875,99 € / month

(1) The displayed prices are based on the total number of reserved resources.
 Recurring charges including the upfront as well as the recurring charge in relation to the subscription total number of months.

New subscriptions features

Region

Subscription start date

Subscription end date

Initial payment

You have selected resources with upfront: a prorated refund of the previously paid upfront will be made. On the other hand, you will have to prorate the new iupfront. For more information, please consult the explanation page for Elastic Cloud Server instances using the "Need help?" button.

Previous
Confirm

✕

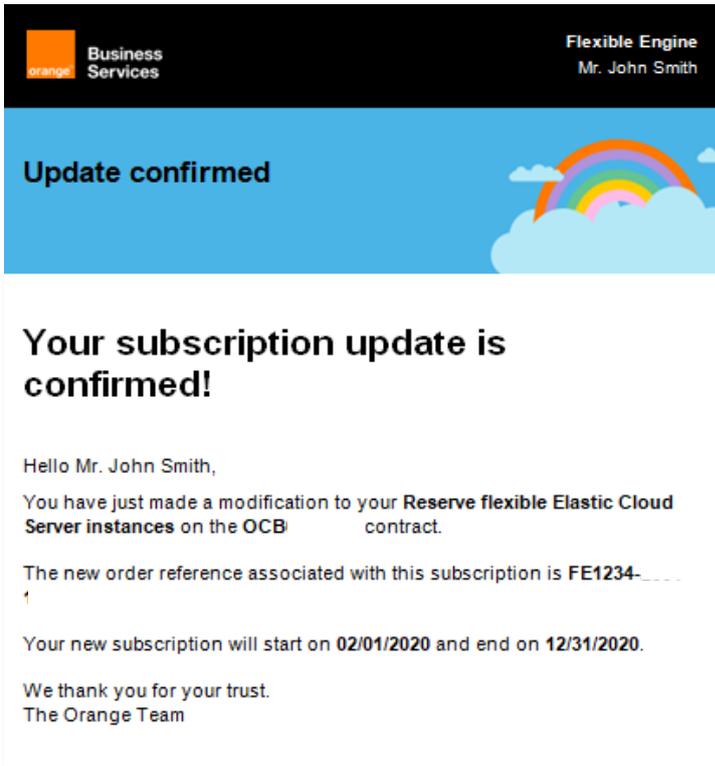
Modification confirmation

Thank you! Your request has been taken into account.

Ok

A confirmation message for your modification will be displayed.

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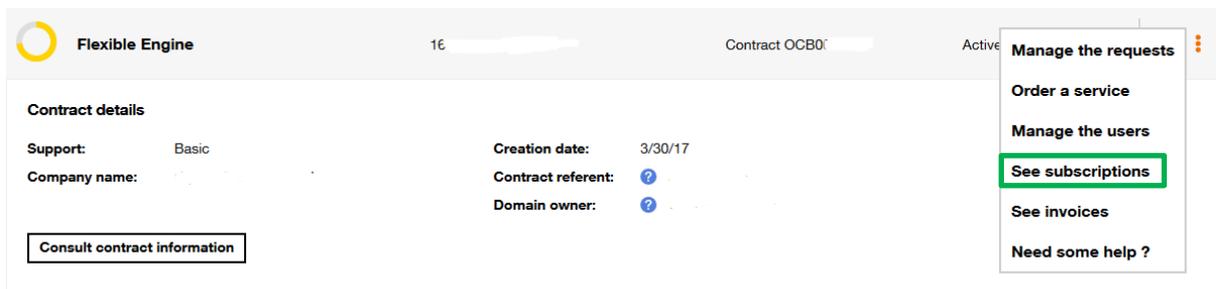


A modification confirmation email is sent to you.

6. How to cancel your Flexible Reserved Instance?

If you wish to terminate your Reserved Instance subscription before the end of it, you must go to your cloud store customer space:

- a) Click on the “...” corresponding to your contract and then on “see subscriptions”



You will find in this page the list of your Reserved Instances and Flexible Reserved Instances.

- b) Choose the subscription you wish to cancel by clicking on the 3 dots and click on “cancel”

3/4/21 3:17 PM	FE3	Reservation flexible c...	2	248.18 € / month	4/1/21	1/31/24	subscribed	▼	⋮
2/18/21 5:38 PM	FE3	Reservation ess.spec...	3	145.38 € / month	3/1/21	2/29/24	on going	▼	⋮
2/18/21 5:37 PM	FE1	Reservation flexible t...	3	11.28 \$ / month	3/1/21	2/28/22	on going	▼	⋮
2/18/21 5:37 PM	FE3	Reservation s3.small...	3	18.81 € / month	3/1/21	2/28/22	on going	▼	⋮

All to know about Flexible Reserved Instances.

c) Confirm the cancellation by clicking on "ok".

Cancellation of subscription(s) ✕

You wish to cancel the "Reservation flexible t2.micro 1 year with upfront" subscriptions, linked to the FE3 order.

Your subscription will end on 3/31/2021.

Please indicate the number of subscriptions to be cancelled.

Available quantity 3

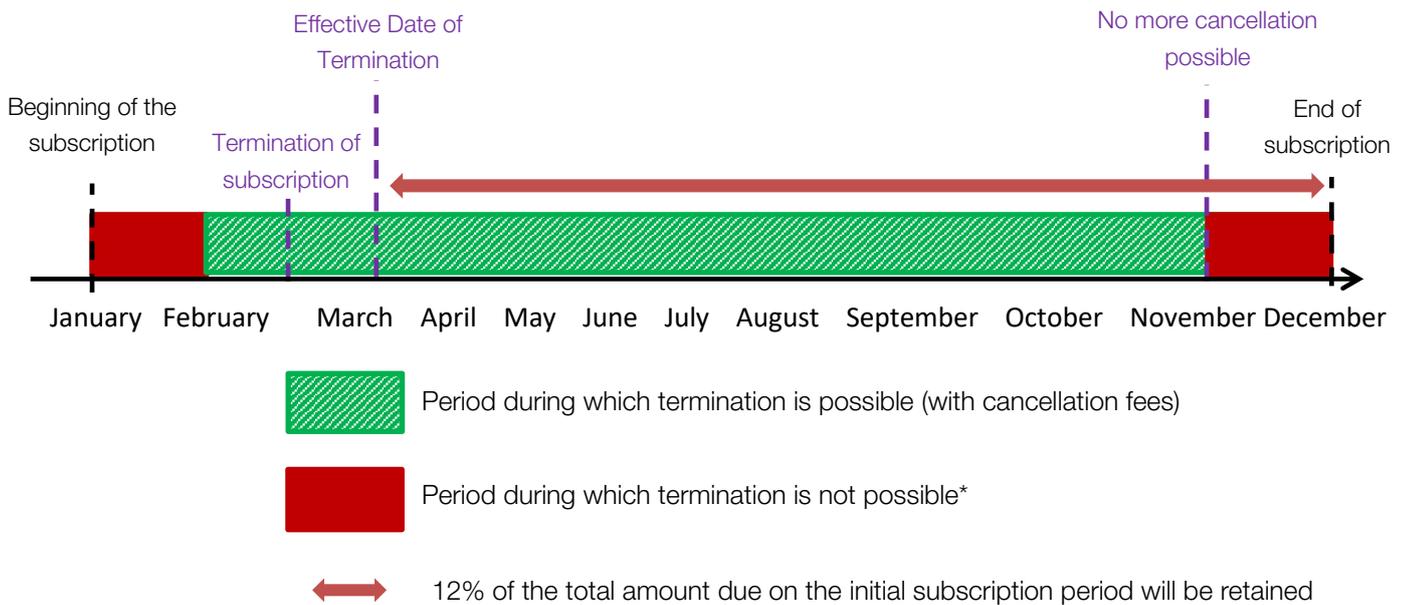
Quantity to cancel *

* This field is required

You must pay early termination penalties of approximately 4.96 \$

Cancel
Ok

7. When can I cancel my Reserved Instance?



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8. Calculation of termination penalties

As explained above, for any early termination of a Reserved Instance, a fee will be charged. The amount retained will correspond to 12% of the total amount remaining due on the initial subscription period.

Example

You subscribe in December to a Reserved Instance ECS c1.large, 2vcpu, 2RAM (GB), EVS for 1 year without upfront. You will pay monthly 41, 64 € or 499, 68 € for one year ($41, 64 \times 12 = 499, 68$), from next January to next December.

If you decide to terminate your contract before the end of the subscription in mid-March for example, the termination will be effective on April 1st.

You are initially committed for 1 year and will have to pay 12% of the total amount due for the subscription period, in our example, 12% of the remaining 8 months (April to December).

$$\begin{aligned} 8 \text{ months} &= 333.12 \text{ €} \\ 333.12 \text{ €} \times 0.12 &= 39.97 \text{ €} \end{aligned}$$

In this example, you will have to pay 39.97€ to cancel his subscription.

9. How do I extend my Flexible Reserved Instance?

When one or more of your subscriptions ends, you will receive an email indicating the end of your subscription.

In this case you have two possibilities:

- 1) Ordering a new Flexible Reserved Instance (for this, see step 2 “How to subscribe to Flexible Reserved Instances?”)
- 2) The extension of your Flexible Reserved Instance at the same price.

To carry out the extension of your Flexible Reserved Instance, the procedure is the following:

All to know about Flexible Reserved Instances.

- a) Click on the “...” corresponding to your contract and then on “see the subscriptions”

The screenshot shows the 'Flexible Engine' interface for contract OCB000. The header includes the 'Flexible Engine' logo, the contract ID 'OCB000', and the label 'Contract OCB000'. Below the header, there are sections for 'Contract details', 'Support', and 'Company name'. A 'Consult contract information' button is visible. On the right side, a dropdown menu is open, listing actions: 'Manage the requests', 'Order a service', 'Manage the users', 'See subscriptions' (highlighted with a green box), and 'See invoices'.

- b) Choose the subscription you wish to extend by clicking on the 3 dots and click on "Renew".

The screenshot displays a table of subscriptions. The first row shows a subscription from 01/04/2022 to 31/01/2023 with a quantity of 2 and a price of 45,94 €/mois. The second row shows a subscription from 01/04/2022 to 31/03/2023 with a quantity of 1 and a price of 2,52 €/mois. A dropdown menu is open for the second row, with 'Renouveler' (Renew) highlighted in a green box.

- c) You can then choose the renewal duration. To finalize the action, click on the "Confirm" button

The dialog box titled 'Renew of subscription(s)' contains the following information:

- You wish to renew the subscription "Reservation t2.small 1 year with upfront", linked to the order **FE3637-2106-132**.
- Please indicate the duration of the renewal.
- Please note that subscriptions are renewable only once.**
- Quantity to renew**: 1
- Renewal duration ***: 1 month (dropdown menu)
- * This field is required
- Your subscription will end on **2/28/2022**.
- Calculate the upfront fee to be paid** (button)
- Cancel** and **Confirm** buttons at the bottom.



All to know about Flexible Reserved Instances.

10. Frequently asked questions

[What is the difference between a standard Elastic Cloud Server instance reservation and a flexible Elastic Cloud Server instance reservation?](#)

Booking standard or flexible Elastic Cloud server instances allows you to save money compared to the pay-per-use billing method. The flexible instance reservation allows you to modify your reserved instances during the period of your subscription.

[Can I exchange my reservation of classic Elastic Cloud Server instances for a reservation of flexible Elastic Cloud Server instances?](#)

This type of exchange is not available today. You will be able to subscribe to flexible reserved instances at the end of your standard instance reservation.

[How do I know if my Reserved Instance subscription is ending soon?](#)

In the subscription tab of the cloud store, you will find the list of all the subscriptions and their end dates. Moreover, an email is sent in the month before the end of the subscription to warn of the end of it.

[Does the reservation of an instance in the cloud store generate the resource in my technical console?](#)

To generate/create a resource you have to launch it in the technical console. The reservation of the instance in the Cloud store changes how you are billed but doesn't create any underlying resource/service.