

# Alibaba Cloud Apsara File Storage NAS

## Pricing

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## Generic conventions

Table -1: Style conventions

Style	Description	Example
	This warning information indicates a situation that will cause major system changes, faults, physical injuries, and other adverse results.	 <b>Danger:</b> Resetting will result in the loss of user configuration data.
	This warning information indicates a situation that may cause major system changes, faults, physical injuries, and other adverse results.	 <b>Warning:</b> Restarting will cause business interruption. About 10 minutes are required to restore business.
	This indicates warning information, supplementary instructions, and other content that the user must understand.	 <b>Notice:</b> Take the necessary precautions to save exported data containing sensitive information.
	This indicates supplemental instructions, best practices, tips, and other content that is good to know for the user.	 <b>Note:</b> You can use Ctrl + A to select all files.
>	Multi-level menu cascade.	Settings > Network > Set network type
<b>Bold</b>	It is used for buttons, menus, page names, and other UI elements.	Click <b>OK</b> .
Courier font	It is used for commands.	Run the <code>cd / d C :/ windows</code> command to enter the Windows system folder.
<i>Italics</i>	It is used for parameters and variables.	<code>bae log list --instanceid Instance_ID</code>
[ ] or [a b]	It indicates that it is an optional value, and only one item can be selected.	<code>ipconfig [-all -t]</code>

Style	Description	Example
{ } or {a b}	It indicates that it is a required value, and only one item can be selected.	swich {stand   slave}



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# 1 Pricing

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This topic describes billing items and billing methods for NAS. You can familiarize yourself with the pricing structure of NAS through this topic.

## Billing items

NAS supports the subscription and pay-as-you-go billing methods. The two billing methods are both based on the used space of a file system.

Billing item	Calculation
Used space	<p>Charges are incurred for the maximum used space of a file system within an hour. Used space indicates the total size of all files on a file system, excluding directories. The basic storage unit is 4 KB even if a file is less than 4 KB. For example, if the size of a file is 3 KB, the file will be stored in a storage unit of 4 KB.</p> <div data-bbox="475 1288 699 1821" style="background-color: #f0f0f0; padding: 5px;">  <b>Note:</b>            NAS allocates extra space to a file system for backup. Therefore, charges for the extra space are added to the total cost of a file system.         </div>

### Billing methods

NAS supports the subscription and pay-as-you-go billing methods.

- **#unique\_4:** Pay-as-you-go is a billing method that you can use to pay for a service after you use the service. Expenses incurred within an hour are deducted from the balance at the next hourly interval. For example, if you receive a bill at 9:30, the bill includes the expenses from 8:00 to 9:00. The basic billing unit is one hour. Each expense is paid by the hour even if the usage time of a file system is less than one hour.



Note:

Assume that you receive a bill at 9:30. However, the bill may only include the expenses from 7:00 to 8:00 due to a system delay.

- **Subscription (Storage Package):** After you purchase a storage package, it covers a specified amount of consumed resources that you use. A storage package is more cost-effective.



Note:

- If the used space of a file system exceeds the maximum capacity of a storage package, charges incurred for the extra space is paid by using the pay-as-you-go billing method.
- You can attach only one storage package to each file system.
- During the validity period of a storage package, you cannot downgrade the storage package.

For example, you purchase a storage package of 500 GB for File System A. During a period from 7:00 to 8:00, the maximum used space of File System A is 800 GB. Therefore, 500 GB of the total 800 GB is covered by the storage package. Charges incurred for the remaining 300 GB are paid by using the pay-as-you-go billing method.

For more information about the pricing structure of NAS, see [Pricing](#).

## FAQ

- Are charges incurred after I activate NAS?

No, no charge is incurred if you only activate NAS.

- After you delete all data on a file system, the storage capacity of the file system is unchanged. However, you are still being charged for use of the storage capacity. The used space of a file system is displayed on a bill and in the NAS console. The value of the used space only indicates the maximum storage capacity for the file system over the last hour. You need to wait a few minutes until the value changes.

## 2 Pay-as-you-go

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This topic describes how to calculate pay-as-you-go charges incurred for NAS.

### Billing cycle

Charges are incurred for the maximum used space of a file system within an hour and deducted from the balance at the next hourly interval. For example, if you receive a bill at 9:30, the bill includes the expenses from 8:00 to 9:00. The basic billing unit is one hour. Each expense is paid by the hour even if the usage time of a file system is less than one hour.



#### Notice:

Assume that you receive a bill at 9:30. However, the bill may only include the expenses of a period from 7:00 to 8:00 due to a system delay.

### Billing formulas

Maximum used space of a file system within an hour  $\times$  unit price by the hour

### Order of payment methods

Expenses in an account are paid by using the following order of payment methods:

1. Credits for an enterprise
2. Available coupons in an Alibaba Cloud account
3. Available balance in the Alibaba Cloud account
4. Available balance of an authorized PayPal account
5. Available bank accounts of an authorized PayPal account
6. Other bank accounts with express pay activated under an authorized PayPal account
7. Available Yuebao balance of an authorized PayPal account. To use this payment method, you must enable the payment of Yuebao in an authorized PayPal account.

You cannot pay charges by using more than one of the following payment methods at the same time: credits, available coupons, and available balance of an authorized PayPal account.

## 3 Subscription

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### 3.1 Purchase a storage package

Network Attached Storage (NAS) supports the subscription billing method. You can create a file system before attaching a storage package. You can also create a file system when you purchase a storage package.

Purchase a storage package

1. Log on to the [NAS console](#).
2. Choose NAS > File System List and click Buy Package.
3. Select the required configurations and click Buy Now.



Note:

You must attach a storage package to a file system. A file system can have only one storage package attached. You can select the ID of an existing file system or click Create File System and Bind Package to create a new file system.

4. After the payment is complete, find the target file system, click Details next to the file system to open the File System Details page. You can view the information of the attached storage package.

FAQ

- When will a storage package take effect?

A storage package takes immediate effect after the payment for the storage package is complete.

- Can I refund a storage package?

You can only refund an intact storage package. For more information about refunds, submit a ticket to Alibaba Cloud Customer Service.

- What will happen after a storage package expires?

If you fail to renew a storage package after the storage package expires, you are charged for the used space by using the pay-as-you-go billing method.

- What will happen if the used space of a file system exceeds the maximum capacity of a storage package?

You are only charged by using the pay-as-you-go billing method for the extra space that is not included in your storage package.

For example, you purchase a storage package of 100 GB. However, the actual used space exceeds 100 GB. You will be charged by using the pay-as-you-go billing method for the extra space that exceeds 100 GB.

- Can I purchase multiple storage packages for a file system?

No, you can only attach a maximum of one storage package to a file system. If you require a storage package with a higher specification or longer duration, you can perform the [Upgrade a storage package](#) action on the existing storage package.

- Is the storage capacity of a file system limited by the capacity of a storage package?

No, the storage capacity of a file system bears no relation to the capacity of a storage package. You are charged by using the pay-as-you-go billing method for the extra space that exceeds the maximum capacity of a storage package.

For example, you create a NAS Performance file system and attach a storage package of 5 GB because the maximum capacity of the file system can reach 10 PB.

## 3.2 Upgrade a storage package

You can upgrade your existing storage package if you require a storage package with a higher specification.

### Procedure

1. Log on to the [NAS console](#).
2. Choose NAS > File System List, find the target file system, and click Manage.

3. In the Storage Package section, click Upgrade.



Basic Information	
File System ID:	[blurred]
Storage Type:	SSD performance-type
Created On:	2019-07-03 13:36:14

  

Storage Package	
ID:	[blurred]
Capacity:	[blurred]



**Note:**

- You can upgrade the specification of a storage package. However, you cannot downgrade the specification of a storage package.
- You can upgrade a storage in the NAS console without affecting the mounted file systems.
- You cannot upgrade a storage package for a NAS Extreme file system.

4. On the Change Configuration page, select the required capacity to display its corresponding price.

You can upgrade the specification of a storage package to a minimum of 500 GB and a maximum of 200 TB.

5. Confirm the information and select NAS Package Agreement of Service.
6. Click Pay and follow the instructions to complete the payment.

## 4 Outstanding balance

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This topic describes when an outstanding balance exists in NAS. It also describes the next steps to perform.

### Scenarios

An outstanding balance occurs when you encounter the following issues in NAS:

- You have purchased a storage package. However, the used space of a file system exceeds the quota of the storage package and the balance of the current account is insufficient.
- The balance of the current account is insufficient and no storage package is available.

### Precautions

If the NAS service is in arrears, take note of the following:

- If you fail to pay the outstanding balance within 24 hours, your NAS service will stop. The storage space that you occupy will still incur charges within the 24 hours , and the outstanding balance will continue to increase.
- We recommend that you pay the outstanding balance within 24 hours to ensure business continuity.
- If you fail to pay the outstanding balance within 24 hours, your NAS service will stop. If you add funds to pay the outstanding balance within 15 days, NAS is restarted.
- If you fail to pay the outstanding balance within 15 days, all resources are released and related data is lost.