



## **Aspen Cloud Storage VS Amazon S3**

Defining next generation of cloud based grid

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**Aspen Cloud Storage Comparisons**
**Aspen Cloud Storage vs Amazon S3**
**Features**

<b>File System</b>	<b>Aspen Cloud Storage</b>	<b>Amazon S3</b>
Basic upload/download/delete files	Yes	Yes
Edit file	No	No
Rename file	Yes	Yes
Support RESTful APIs	Yes	Yes
Global Namespace	Yes	Yes
Support Virtual Host	Yes	Yes
Support multi-platforms	Yes	Yes
Maximum Single File Size	5GB	5GB
Maximum bucket/box	100	100
Upload or Download resume	Coming Soon	Yes

<b>Infrastructure</b>	<b>Aspen Cloud Storage</b>	<b>Amazon S3</b>
Storage Centers in production	<ul style="list-style-type: none"> <li>• Hong Kong (NTT IDC)</li> <li>• Hong Kong (AsiaTone)</li> <li>• Beijing</li> </ul>	<ul style="list-style-type: none"> <li>• Europe</li> <li>• US</li> </ul>
Storage Centers to be deployed in first half 2009	<ul style="list-style-type: none"> <li>• Shanghai</li> <li>• ChengDu</li> <li>• Singapore</li> <li>• Tokyo</li> <li>• Malaysia</li> </ul>	
Online demand, and scalable	Yes	Yes
Data Real-time replication within country	Yes	Yes
Backend Cluster File System Technology	PGFS	Non-disclosed
Online management portal	Yes	Yes
Online billing query	Plenty	Basic

<b>Security</b>	<b>Aspen Cloud Storage</b>	<b>Amazon S3</b>
Data Encryption	Available Soon	No
Support folder/file ACL	Yes	Yes

**Aspen Cloud Storage Comparisons (continued)**

<b>Development, Tools, and Support</b>	<b>Aspen Cloud Storage</b>	<b>Amazon S3</b>
Technical Support by email	Yes	Yes
Technical Support by phone and ticket system	Yes	No
Program library for different programming languages	Plenty	Basic
Online developer zone including forum, documentation, etc	Yes	Yes
Ready-To-Use client application for iphone 3G	Yes	No
Ready-to-Use Firefox plugin	Yes	No
Ready-to-Use virtual Drive-C application for Windows	Yes	No
Ready-to-Use virtual file system for Linux	Yes	No
Ready-to-Use file manager for Windows and Linux	Yes	No
Migration tool from S3 to Aspen Cloud Storage	Yes	N/A

<b>Pricing</b>	<b>Aspen Cloud Storage</b>	<b>Amazon S3</b>
Charged resources	Storage + Transfer + Request	Storage + Transfer + Request
Billing Mode	Prepaid	Monthly Invoice
Billing Period	Daily	Monthly
Payment Method	Paypal	Credit Card auto payment
Transfer fee during non-peak hour is cheaper	Yes	No

<b>Business Mode</b>	<b>Aspen Cloud Storage</b>	<b>Amazon S3</b>
Target Regions	Asia	Europe and USA
Cloud Center Ownership	heterogeneous owners	Single Owner
Direct online sales mode	Yes	Yes
IDC cooperation mode	Yes	No
Dedication Billing System for partnered IDC	Yes	No
OEM mode	Coming Soon	No