



**SME**  
Cloud Promotion Campaign  
雲端趨勢 • 無限商機

## 政府「中小企雲端應用推廣計劃」之 「物流行業」培訓講座

物流業雲端應用推廣講座系列 (四之四)  
應用雲端無難度 物流效率齊提高



政府資訊科技總監辦公室  
Office of the Government Chief Information Officer



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# 物流業雲端應用推廣講座 (共四講)

## 第一講

1. 雲端運算介紹
2. 雲端運算模型介紹
3. 物流及運輸業的特質及對雲端服務的需要
4. 雲端運算為物流及運輸業帶來的好處及例子

## 第二講

1. 物流及運輸業的中小企業應用雲端運算的好處
2. 中小企業應用雲端運算的考慮因素及技術挑戰

## 第三講

1. 如何選擇不同的雲端方案及雲端方案比較
2. 物流及運輸業應用雲端服務的成功因素及注意事項

## 第四講

1. 物流及運輸業應用雲端服務的成功案例分享
2. 行業雲端方案介紹

## 上講提要

1. 重溫第三講的重點
2. 簡介了移動雲
3. 再用另一表達方式歸納了雲端設置模式的比較
4. 談及了不同的雲端方案需注意的事項
5. 亦分析了業界應用雲端服務的成功因素



# 物流業雲端應用推廣講座 (共四講)

## 第四講

1. 物流及運輸業應用雲端服務的成功案例分享
2. 雲端方案介紹
  - ◎ IaaS
  - ◎ PaaS
  - ◎ SaaS
3. 價格例子
4. 實施雲端項目之工序清單
5. 總結



## 1. 物流及運輸業應用雲端服務的成功案例分享 (i)



**雲端運算成功案例展示**

資助機構 主辦機構 協辦機構

HKPC

成功案列 - 影片

第一部分 香港雲端運算介紹

內容：

- (1) 雲端運算的定義；
- (2) 雲端運算對香港企業的好處；
- (3) 香港雲端運算的現況與趨勢；
- (4) 雲端運算在香港各行業的應用~

受訪嘉賓：

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- 若少聰先生 香港生產力促進局資訊科技及企業管理部總經理

PLAYLIST 雲端運算成功案例展示

[http://www.hkcs.org.hk/ccsss/chinese/cases\\_video.html](http://www.hkcs.org.hk/ccsss/chinese/cases_video.html)  
<http://www.hkcs.org.hk/ccsss/chinese/cases.html>

# 1. 物流及運輸業應用雲端服務的成功案例分享 (ii)

## a) 香港機場管理局



# 1. 物流及運輸業應用雲端服務的成功案例分享 (iii)

## a) 香港機場管理局

- 雲端移動設備管理
  - Mobile Device Management on the Cloud
  - 移動應用程式下載
  - 移動設備的內容更新
  - 成功要素
    1. 逐步實施
    2. 考慮管理要點



# 1. 物流及運輸業應用雲端服務的成功案例分享 (iv)

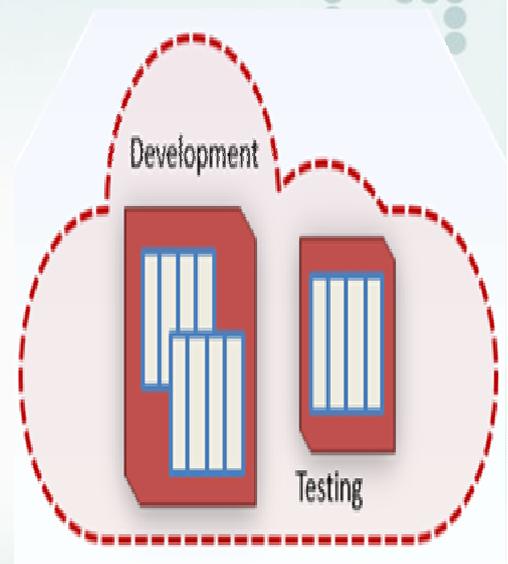
## b) 香港空運貨站



# 1. 物流及運輸業應用雲端服務的成功案例分享 (v)

## b) 香港空運貨站

- 雲端開發及測試環境
  - Development and Testing Environment on Cloud
  - 大大縮短環境建立的時間
    - 由 6 至 7 星期縮短至半天
  - 成功要素
    1. 選擇非敏感數據放在雲上
    2. 提供足夠的網絡帶寬
    3. 做好契約上和技術上的安排
      - 以備未來需要轉用其他服務供應商。



## 1. 物流及運輸業應用雲端服務的成功案例分享 (vi)

### c) 雅瑪多國際物流(香港)有限公司



## 1. 物流及運輸業應用雲端服務的成功案例分享 (vii)

### d) 香港鐵路有限公司



# 雲端業界的分享



## 2. 雲端方案介紹 (i) – IaaS

A screenshot of a web browser showing a login page for a cloud service. The browser's address bar displays the URL <https://hkbn.hds-cloudconnect.com/portal/>. The page has a dark grey background with a white login form. The form includes the text "Log in to your cloud", a "Username:" label with a text input field containing "hkbnlouie", a "Password:" label with an empty text input field, and a "Login" button. To the right of the form is a grey box with the text "Forgot your password or attempted too many logins?" and a blue link "Request a reset." Above the login form is a "Select Language" dropdown menu. The browser's title bar shows "Louie" and standard window controls.

## 2. 雲端方案介紹 (ii) – IaaS



The screenshot shows the HKS Cloud Connect portal interface. The browser address bar displays the URL: <https://hkbn.hds-cloudconnect.com/portal/portal/connector/csinstances?tenant=bb9aa52c-5e4f-43ed-acde-5eec45ba9991&showiframe=true&serviceIns>. The page title is "Louie".

On the left, a sidebar shows a cloud icon and the name "louie" with the IP address "192.168.106.62".

The main content area displays the VM details for "louie":

Name	louie
IP Address	192.168.106.62
State	Running

Below this, there are tabs for "Details", "Volumes", "Snapshots", and "NICs". The "Details" tab is active, showing the following information:

ID	05c30050-dab1-4b4b-bc10-d75f4a9372a1
Display Name	louie
Group	
Zone	HK-INFI-DC01-ZN01
Template	Windows 2008 R2 Datacenter SP1 (60GB Root Volume)
Compute Details	High(4 x 2 GHz CPU   8 GB RAM)
Hypervisor	VMware
Account	admin_hkbn1937
Domain	AA000152
Created	16 Apr 2015 06:36:18
HA Enabled	Yes

There is an "Edit VM" link in the top right of the details section. A "View Console" button is also visible next to a console window.

## 2. 雲端方案介紹 (iii) – IaaS



The screenshot shows the HKS Cloud Connect portal interface, similar to the previous one. The browser address bar displays the same URL. The page title is "Louie".

On the left, the sidebar shows "No Filter(s) Applied" and the name "louie" with the IP address "192.168.106.62".

The main content area displays the VM details for "louie" (Name, IP Address, State) and the "Volumes" tab is active. It shows two storage volumes:

Volume Name	ID	Type	Size	Last Snapshot Created
test	f6d7f279-2869-410f-a9cb-c024ead238b0	DATADISK (shared storage)	50.00 GB	No Snapshot available
DATA-484	7dea2c04-8138-4f78-9456-611dd54493a9	DATADISK (shared storage)	111.00 GB	No Snapshot available

Each volume entry has a gear icon for configuration. The "View Console" button is also visible.

## 2. 雲端方案介紹 (iv) – PaaS

<http://beta.appinventor.mit.edu/>

The screenshot shows the MIT App Inventor beta interface. At the top, there is a navigation bar with 'MIT App Inventor BETA' and a 'My Projects' dropdown. A welcome message states: 'Welcome to the App Inventor beta release. Be sure to check the list of [known issues](#) and [release notes](#). [Try the App Inventor Community Gallery \(Beta\)](#).' The main workspace is divided into four panels: 'Palette' (containing various UI components like Button, Canvas, CheckBox, etc.), 'Viewer' (showing a preview of the 'Screen1' with a game interface including 'Won' labels, a score of 49, and a 'Check Web Data' button), 'Components' (a tree view of the UI elements on the screen), and 'Properties' (configuration options for the selected component). A 'Non-visible components' section at the bottom shows 'TinyWebDB1'. The bottom of the page includes a 'Privacy Policy and Terms of Use' link and the text 'Built: September 7 2014 Version: v134a'.

## 2. 雲端方案介紹 (v) – PaaS

The screenshot shows the 'Blocks Editor' for 'MarkSixBingo - Screen1'. The interface includes a 'Built-In' blocks palette on the left with categories like Definition, Text, Lists, Math, Logic, Control, and Colors. The main workspace displays a block-based logic script: 'when Button1.Click' triggers a 'do' block containing 'set TextBox1.Text to call random integer from number 1 to number 49'. The top toolbar features 'Saved', 'Undo', 'Redo', 'New emulator', 'Connect to Device...', and a 'Zoom' slider. A trash icon is located in the bottom right corner. The bottom of the page includes the text 'Built: September 7 2014 Version: v134a'.

## 2. 雲端方案介紹 (vi) – PaaS

<http://ai2.appinventor.mit.edu/>



MIT App Inventor 2 Beta

Projects - Connect - Build - Help -

My Projects Guide Report an Issue English - la9168@gmail.com -

testing1 Screen1 Add Screen ... Remove Screen Designer Blocks

Palette

User Interface

- Button
- CheckBox
- DatePicker
- Image
- Label
- ListPicker
- ListView
- Notifier
- PasswordTextBox
- Slider
- Spinner
- TextBox
- TimePicker
- WebViewer

Layout

Media

Drawing and Animation

Sensors

Social

Storage

Connectivity

LEGO MINDSTORMS

Viewer

Display hidden components in Viewer

Screen1

OK 1

Components

- Screen1
  - Button1

Rename Delete

Media

Upload File ...

Properties

Button1

BackgroundColor

Default

Enabled

FontBold

FontItalic

FontSize

14.0

FontTypeface

default

Image

None...

Shape

default

ShowFeedback

Text

OK 1

TextAlignment

center

TextColor

Default

Visible

Width

100 pixels...

Height

## 2. 雲端方案介紹 (vii) – SaaS



Google Docs

https://docs.google.com/document/u/0/

Google

+Louie

Docs

Recent documents

Owned by me

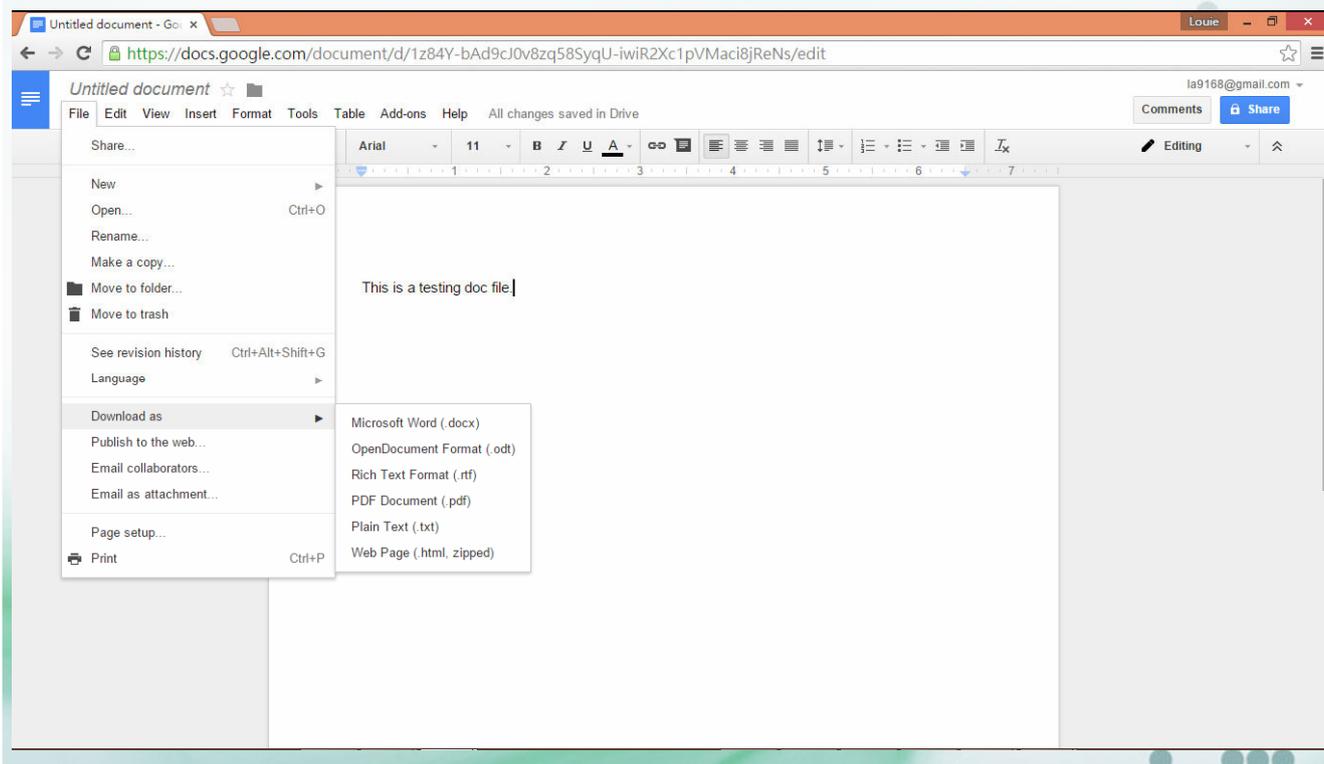
None of your files matched this owner filter.

Settings

Help & Feedback

Drive

## 2. 雲端方案介紹 (viii) – SaaS



## 示範



### 3. 價格例子 (i) – IaaS

#### Rate Card

Product type	Description	Standard Rate	
		Monthly charge (list price)	Daily charge (list price)
Base package	100Mbps Shared Internet bandwidth /w 2 IP addresses (1 usable) Virtual firewall /w 1 vLAN		660
Virtual server (Linux)	Basic – 1 x vCPU, 2GB RAM, 60GB T2 storage		18
	Standard – 2 x vCPU, 4GB RAM, 60GB T2 storage		34
	High – 4 x vCPU, 8GB RAM, 60GB T2 storage		65
	Advance – 4 x vCPU, 16GB RAM, 60GB T2 storage		112
	Advance Plus – 6 x vCPU, 32GB RAM, 100GB T2 storage		182
	Extreme – 8 x vCPU, 64GB RAM, 120GB T2 storage		245
	Extreme Plus – 8 x vCPU, 128GB RAM, 180GB T2 storage		357
	Advanced Compute Intensive – 8 x vCPU, 16GB RAM, 60GB T2 storage		124
	Advanced Plus Compute Intensive – 12 x vCPU, 32GB RAM, 100GB T2 storage		198
	Extreme Compute Intensive – 16 x vCPU, 64GB RAM, 120GB T2 storage		266
Extreme Plus Compute Intensive – 16 x vCPU, 128GB RAM, 180GB T2 storage		369	
Virtual server (MS Windows Server)	Basic – 1 x vCPU, 2GB RAM, 60GB T2 storage		26
	Standard – 2 x vCPU, 4GB RAM, 60GB T2 storage		41
	High – 4 x vCPU, 8GB RAM, 60GB T2 storage		72
	Advance – 4 x vCPU, 16GB RAM, 60GB T2 storage		119
	Advance Plus – 6 x vCPU, 32GB RAM, 100GB T2 storage		189
	Extreme – 8 x vCPU, 64GB RAM, 120GB T2 storage		252
	Extreme Plus – 8 x vCPU, 128GB RAM, 180GB T2 storage		364
	Advanced Compute Intensive – 8 x vCPU, 16GB RAM, 60GB T2 storage		131
	Advanced Plus Compute Intensive – 12 x vCPU, 32GB RAM, 100GB T2 storage		206
	Extreme Compute Intensive – 16 x vCPU, 64GB RAM, 120GB T2 storage		273
Extreme Plus Compute Intensive – 16 x vCPU, 128GB RAM, 180GB T2 storage		376	
VAS	100GB T1 primary storage (support up to 2TB per disk) #		18.00
	100GB T2 primary storage (support up to 2TB per disk) #		10.00
	100GB T3 primary storage (support up to 2TB per disk) #		3.00
	100GB secondary storage (for storage of snapshot, ISO, template) *		3.00
	Additional 100Mbps Shared Internet bandwidth *		17.00
	Additional public IP address		6.00
	Additional vLAN *		4.00
Microsoft SQL Standard (per 2 core, min. 4 core)		111.00	

### 3. 價格例子 (ii) – SaaS

<http://www.sugarcrm.com/products/editions-and-pricing>

The screenshot shows the SugarCRM website's pricing page. At the top, there is a navigation bar with links for Products, Solutions, Resources, News, Partners, Customers, About, and Contact. Below this is a sub-navigation bar with 'Products Overview', 'Editions & Pricing' (selected), and 'Switch to Sugar'. The main content area displays three pricing cards:

- SUGAR PROFESSIONAL:** \$40 user/month billed annually\*. Includes sales automation, marketing lead management, support automation, call center automation, reporting & dashboards, SugarCRM Mobile, cloud/on-premise deployment, 15GB storage, unlimited Studio customizations, and unlimited online support.
- SUGAR ENTERPRISE:** \$65 user/month billed annually\*\*. Includes enterprise opportunity management, forecasting, customer self-service portal, custom activity streams, native SQL reporting, phone support, 60GB storage, and 2 sandbox instances (On-Demand).
- SUGAR ULTIMATE:** \$150 user/month billed annually. Includes 24x7 support, assigned Technical Account Manager, 250GB storage, and up to 5 sandbox instances (On-Demand).

Each card has a 'Datasheet' button and a 'Buy Now' button. At the bottom, there are links for 'Editions Comparison Chart' and 'Watch the Demo'.

## 4. 實施雲端項目之工序清單 (i)

- ✓ 訂定目標 → 例: 提升成本效益, I.T. 基建的策略配合
- ✓ 確定項目的涵蓋範圍
- ✓ 資料或知識的搜集 → 例: 網上, 參加講座或課程
- ✓ 團隊建立
- ✓ 財務預算
- ✓ 項目時限預算
- ✓ 風險管理 → 例: 應變計劃
- ✓ 資源分配 → 例: 網絡設施的增加或調配
- ✓ 任務細分
- ✓ 任務排程



## 4. 實施雲端項目之工序清單 (ii)

- ✓ 尋找服務供應商并篩選
- ✓ 項目實施
  - 統籌 / 聯絡 / 協調
  - 重訂營運 (操作 / 工序) 流程 (若有需要)
  - 系統開發 (PaaS)
  - 測試
  - 培訓
- ✓ 正式使用服務
- ✓ 營運後評估



## 雲端業界的分享



## 5. 總結

- 雲端運算的概念，業界對雲端的需要。
- 使用雲端運算於本業界的好處
- 中小企業應用雲端運算的考慮和挑戰
- 簡介了移動雲
- 雲端設置模式的比較和注意的事項
- 業界應用雲端服務的成功案例分享及其成功因素
- 雲端方案介紹
- 價格例子
- 實施雲端項目之工序清單
- 雲端業界的分享，更實際了解它在香港的一些現況。

答問時間  
四講講座完畢  
謝謝!!

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