



digiRunner

AWS Marketplace

買家指南

v1.4

版本歷程

文件版次	更新日期	版本說明	編輯人員
1.0	2024.03.05	系統版本號 : v4.0.49.1 初始文件	Mark Zhan, Fran Chen
1.1	2024.03.06	<p>【新增】</p> <ul style="list-style-type: none"> 1.2. 網址設定 – 使用 AWS Route 53 7. 疑難排解 <p>【更新】</p> <ul style="list-style-type: none"> 1.1. 準備專用網址 1.1.2. -> 1.3. 網址設定 – 透過第三方網域商購買網址 2.2. digiRunner 搜尋結果 <p>【刪除】</p> <ul style="list-style-type: none"> 1.1.1. 2 種購買網址的情境 	Mark Zhan, Fran Chen
1.2	2024.03.20	<p>【新增】</p> <ul style="list-style-type: none"> 5.1.1. 簡易報表管理 5.1.2. 詳細報表分析 (OpenSearch Dashboard) 5.2.1. 部署架構 - digiRunner Lite 5.2.2. 部署架構 - digiRunner Lite (High Availability) 5.2.3. 部署架構 - digiRunner Enterprise 5.2.4. 部署架構 - digiRunner Enterprise (High Availability) <p>【更新】</p> <ul style="list-style-type: none"> 產品正名 : HA 改為 High Availability 1.2. 網址設定 – 使用 AWS Route 53 2.2. digiRunner 搜尋結果 2.3. digiRunner 產品 : 4 種解決方案 3.1. 地區設定 3.2. 安裝參數 3.5. 安裝完成 4. 登入 digiRunner 5.1. digiRunner 詳細的報表分析 (OpenSearch Dashboard) 5.2. digiRunner 部署架構 (Architecture) 5.2.1. AWS Infrastructure Resources – Pricing 6. 解除安裝 	Mark Zhan, Fran Chen
1.3	2024.03.20	<p>【更新】</p> <ul style="list-style-type: none"> 1.1. 準備專用網址 3.3. 安裝權限 3.5. 安裝完成 4. 登入 digiRunner 5.2.1. 部署架構 - digiRunner Lite 5.2.2. 部署架構 - digiRunner Lite (High Availability) 5.2.3. 部署架構 - digiRunner Enterprise 5.2.4. 部署架構 - digiRunner Enterprise (High Availability) 6. 解除安裝 	Mark Zhan, Fran Chen

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1.4	2024.08.13	【更新】 3.5. 安裝完成	Mark Zhan, Fran Chen

T 昕力資訊

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1. 前置作業

1.1. 準備專用網址

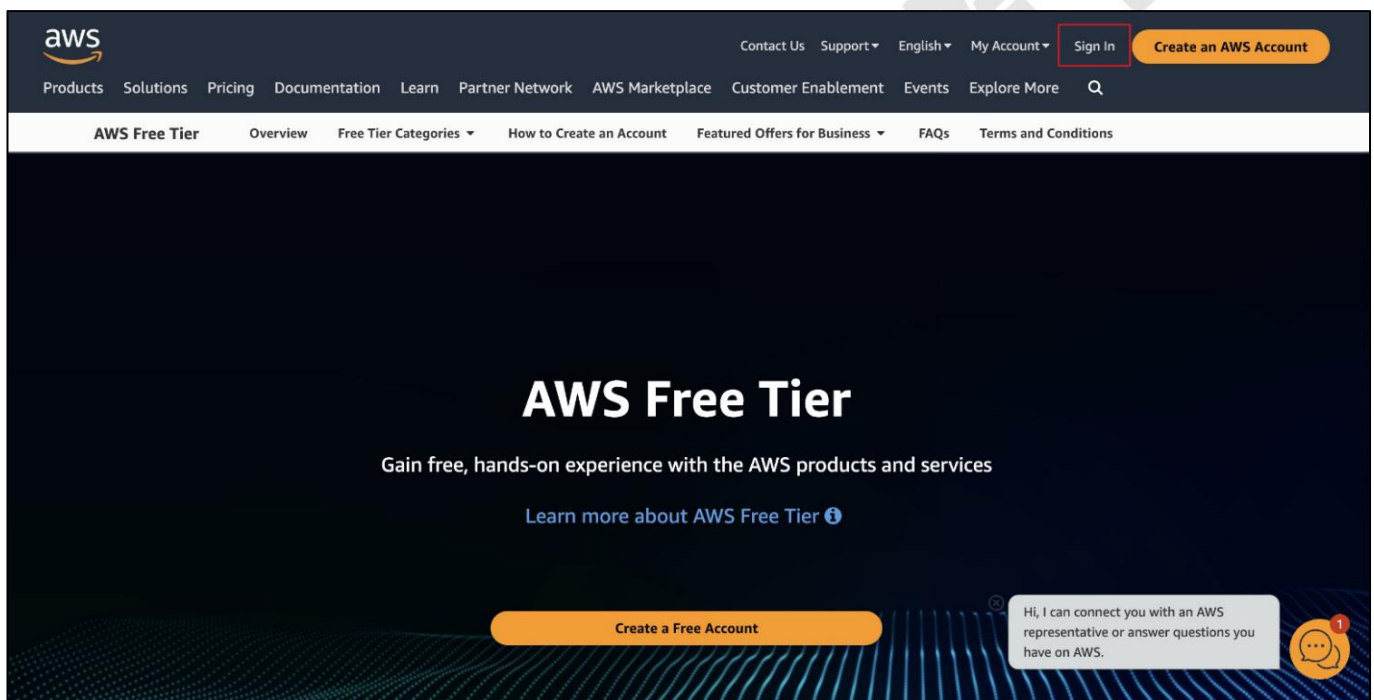
您可於 AWS Route 53 購買一個專用的網址，或透過其他網域供應商購買，例如：HiNet、GoDaddy 等。

注意：如果您已有網域註冊或託管在 Route53，您可直接使用此網域，並跳過以下網址設定的步驟，直接進行[購買流程](#)。

1.2. 網址設定 – 使用 AWS Route 53

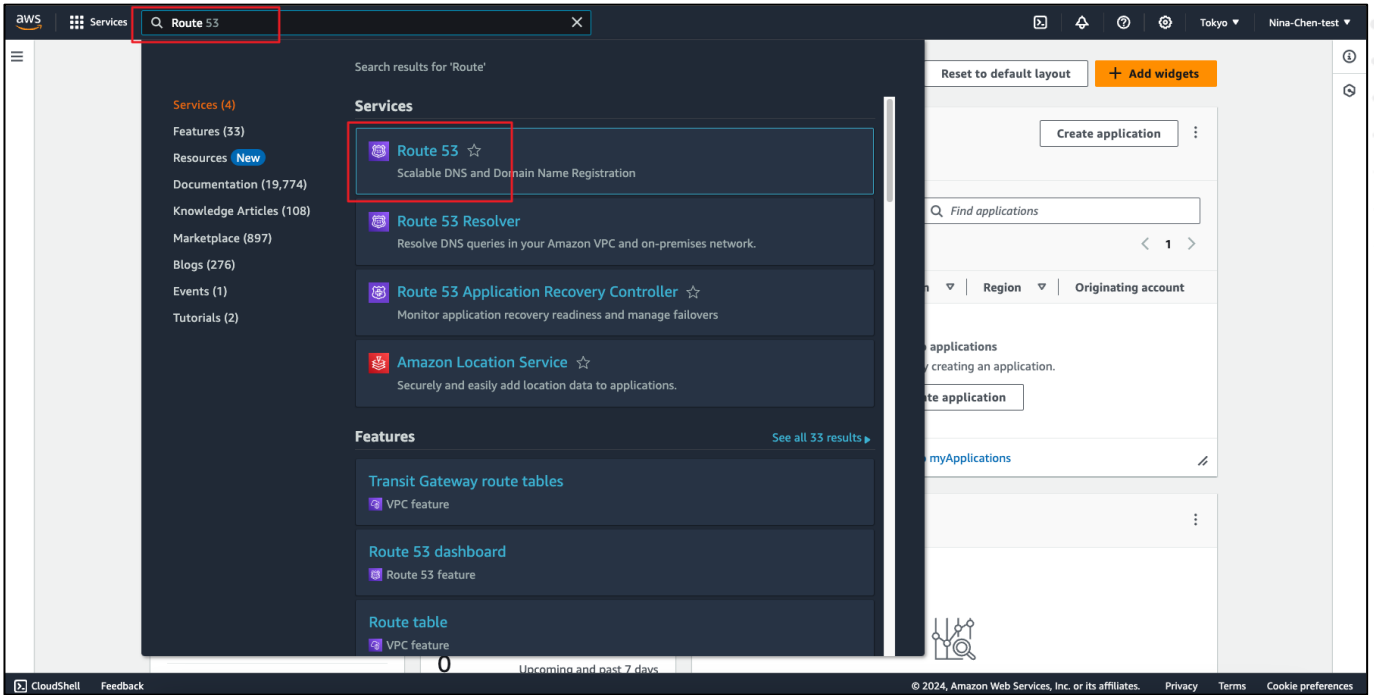
1. 前往 AWS 官網，登入您的帳號以造訪 AWS 的管理主控台。

注意：如您尚未註冊 AWS 帳號，請點選 [[Create an AWS Account](#)] 進行註冊。

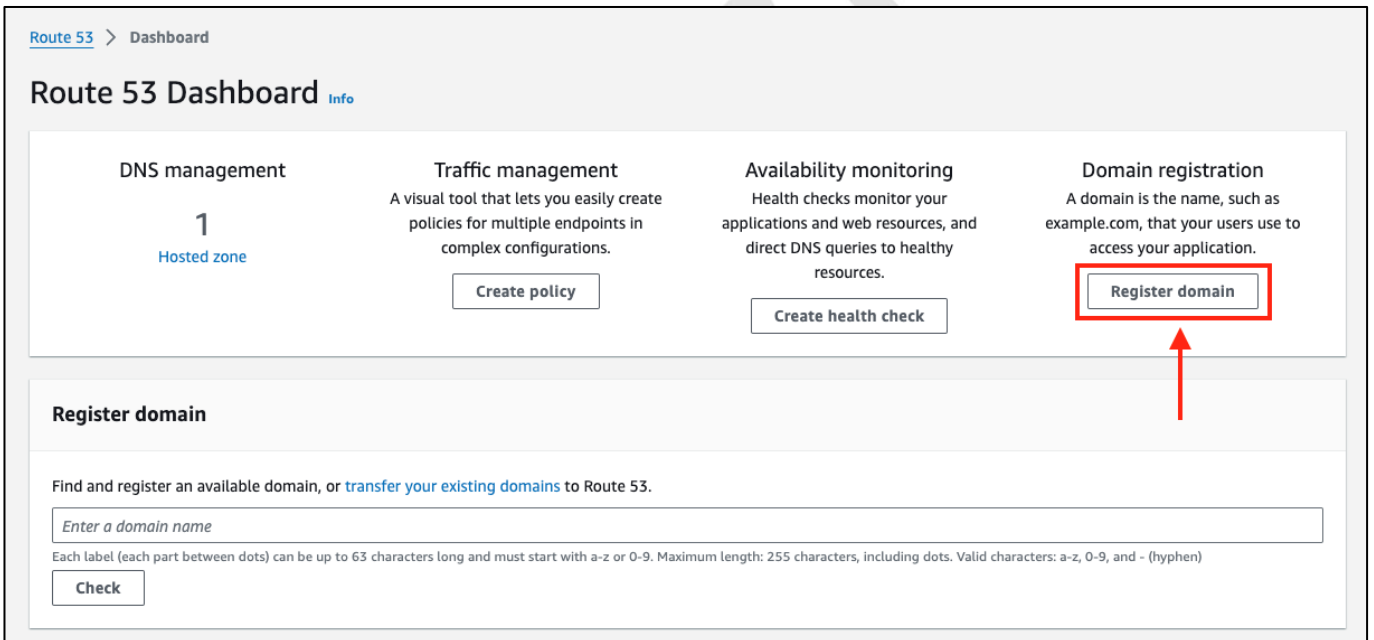


The screenshot shows the AWS Free Tier landing page. At the top, there is a navigation bar with the AWS logo on the left and links for 'Contact Us', 'Support', 'English', 'My Account', 'Sign In', and 'Create an AWS Account'. Below this is a secondary navigation bar with links for 'Products', 'Solutions', 'Pricing', 'Documentation', 'Learn', 'Partner Network', 'AWS Marketplace', 'Customer Enablement', 'Events', 'Explore More', and a search icon. The main content area has a dark background with the text 'AWS Free Tier' in large white font, followed by 'Gain free, hands-on experience with the AWS products and services' and a link 'Learn more about AWS Free Tier'. A large orange button labeled 'Create a Free Account' is centered at the bottom. In the bottom right corner, there is a chatbot icon with a speech bubble that says 'Hi, I can connect you with an AWS representative or answer questions you have on AWS.'

2. 搜尋 Route 53，並點選以進入 Route 53 服務。



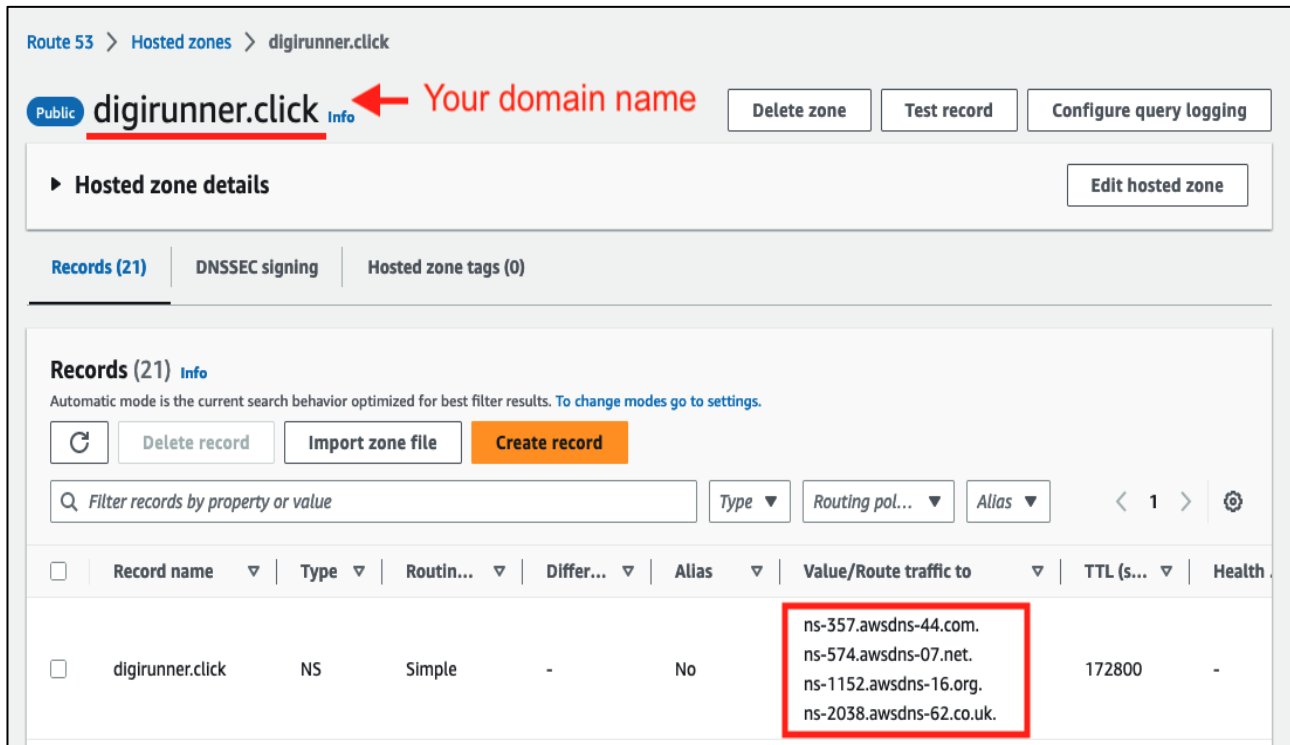
3. 點選 [Register domain] 以購買網域並註冊，AWS 將自動完成相關設定。



1.3. 網址設定 – 透過第三方網域商購買網址

透過第三方網域商購買網址，例如：HiNet、GoDaddy 等，請參照下方說明進行相關設定。

1. 造訪 AWS 的管理主控台，前往 Route 53 服務，新增一組託管區域 (Hosted Zone)。



2. 造訪您的網域供應商平台，此處以 HiNet 為例，登入平台後，將網址設定為自管，並將其指向 AWS：網址需確實對應至 Route 53 託管區域中 Record Type=“NS” 中的 4 組數值。

3. 如需查詢對應的 IP 位址，可依下方說明操作：

- a. 開啟終端機或命令提示字元，輸入指令 'nslookup'，並按下 Enter 鍵。
- b. 將 4 組 NS 數值複製貼上，再按下 Enter 鍵，即可以看到對應的 IP 位址。

```

~
nslookup ← 在終端畫面輸入指令。
> ns-357.awsdns-44.com.
Server:      8.8.8.8
Address:     8.8.8.8#53

Non-authoritative answer:
Name:   ns-357.awsdns-44.com
Address: 205.251.193.101
> ns-574.awsdns-07.net.
Server:      8.8.8.8
Address:     8.8.8.8#53

Non-authoritative answer:
Name:   ns-574.awsdns-07.net
Address: 205.251.194.62
> ns-1152.awsdns-16.org.
Server:      8.8.8.8
Address:     8.8.8.8#53

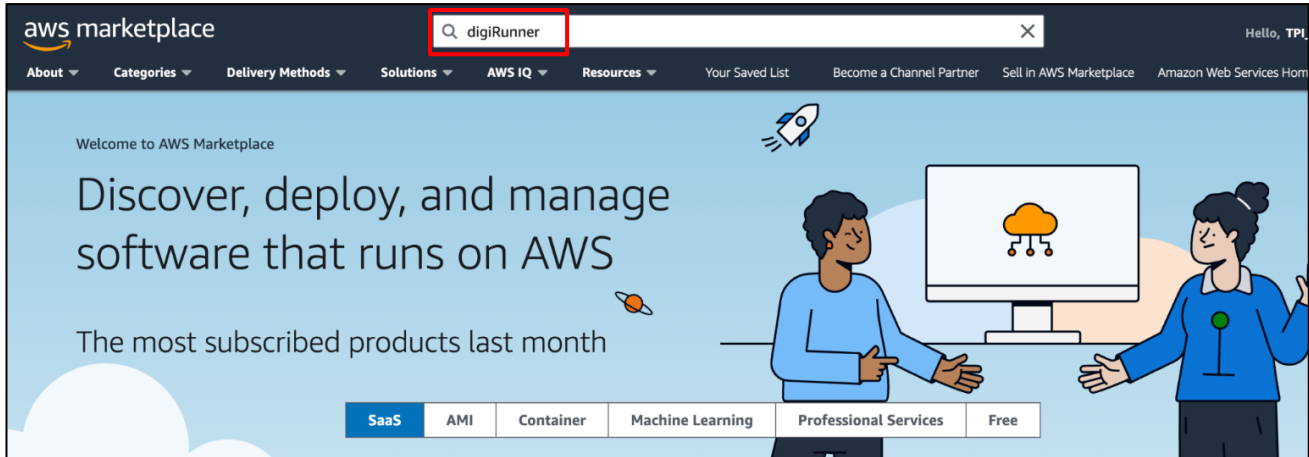
Non-authoritative answer:
Name:   ns-1152.awsdns-16.org
Address: 205.251.196.128
> ns-2038.awsdns-62.co.uk.
Server:      8.8.8.8
Address:     8.8.8.8#53

Non-authoritative answer:
Name:   ns-2038.awsdns-62.co.uk
Address: 205.251.199.246
>
    
```

2. 購買流程

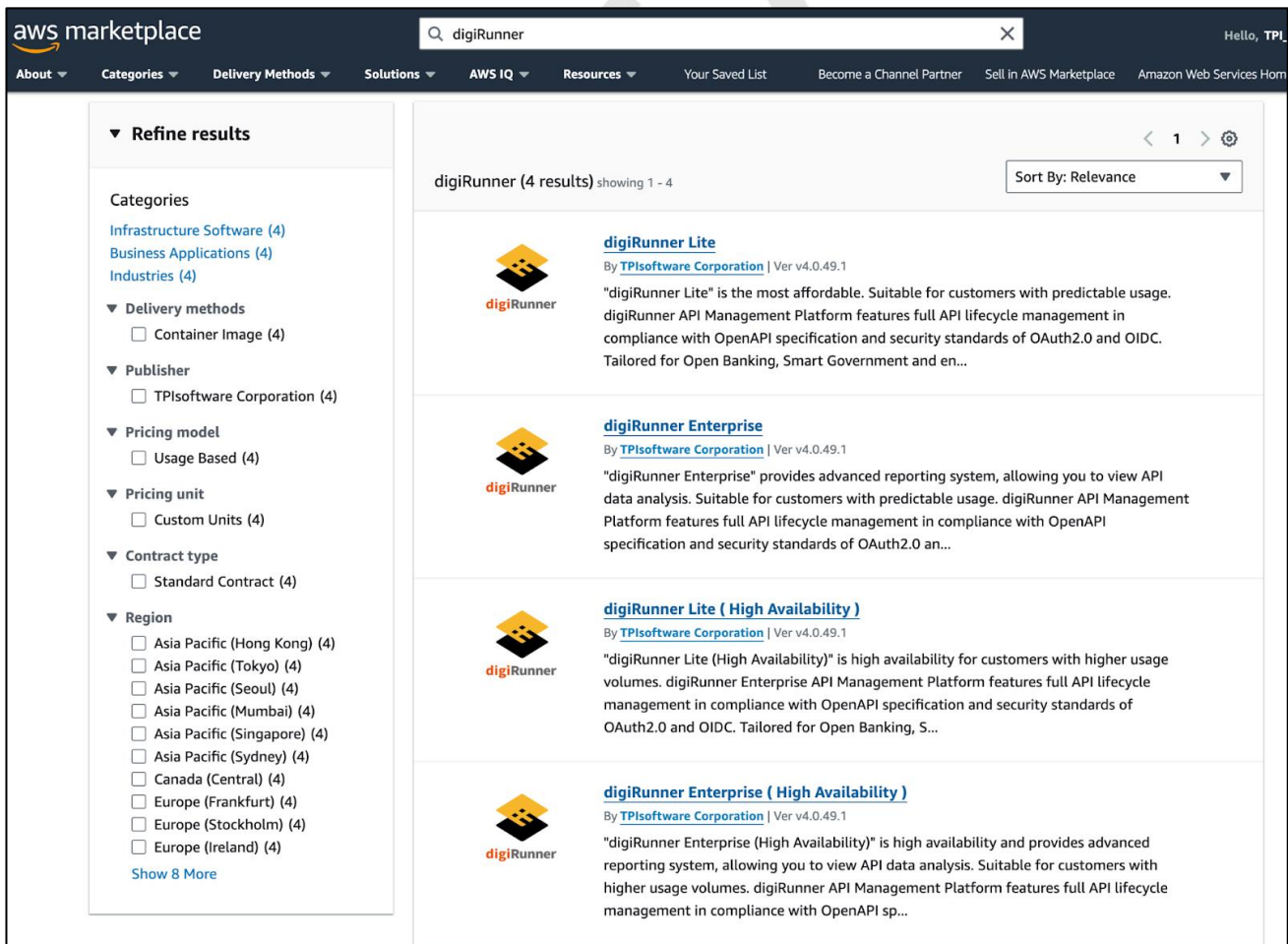
2.1. 搜尋 digiRunner

1. 造訪 AWS Marketplace : <https://aws.amazon.com/marketplace> 。
2. 在關鍵字欄位輸入 *digiRunner* 以進行搜尋。



2.2. digiRunner 搜尋結果

您在搜尋結果頁面將會看到 4 種 digiRunner 產品方案。



2.3. digiRunner 產品：4 種解決方案

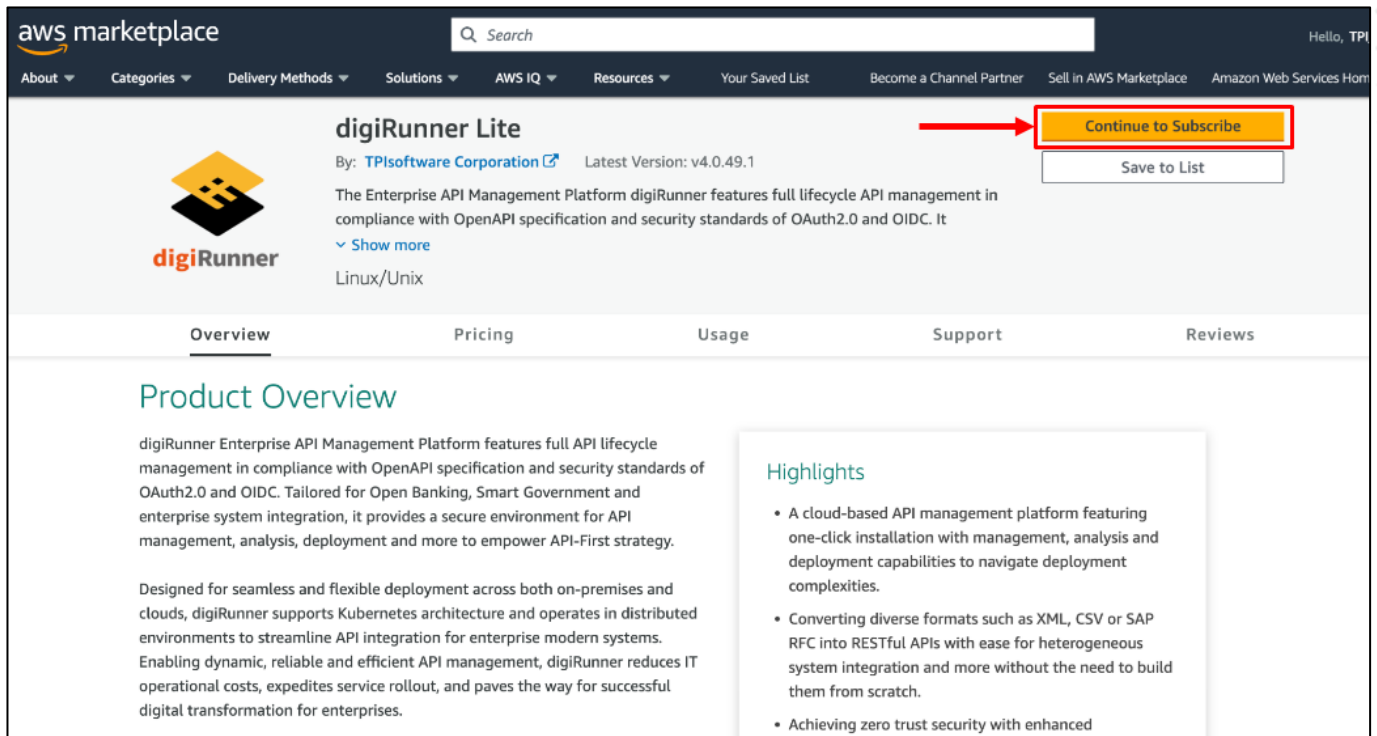
方案比較：

解決方案	Auto Scaling 自動擴展	OpenSearch 詳細的報表	選擇的考量
digiRunner Lite	X	X	經濟實惠
digiRunner Lite (High Availability)	○	X	中等費用，高可用性
digiRunner Enterprise	X	○	中等費用，詳細報表
digiRunner Enterprise (High Availability)	○	○	費用較高，但兼具高可用性和 詳細報表

digiRunner				
Resource	Lite	Lite (High Availability)	Enterprise	Enterprise (High Availability)
CloudWatch	●	●	●	●
ALB	●	●	●	●
VPC (NAT Gateway)	●	●	●	●
Router 53	●	●	●	●
CloudMap	●	●	●	●
EventBridge	●	●	●	●
System Manager	●	●	●	●
ECS Fargate	●	●	●	●
ECS Fargate (Master)		●		●
OpenSearch			●	●

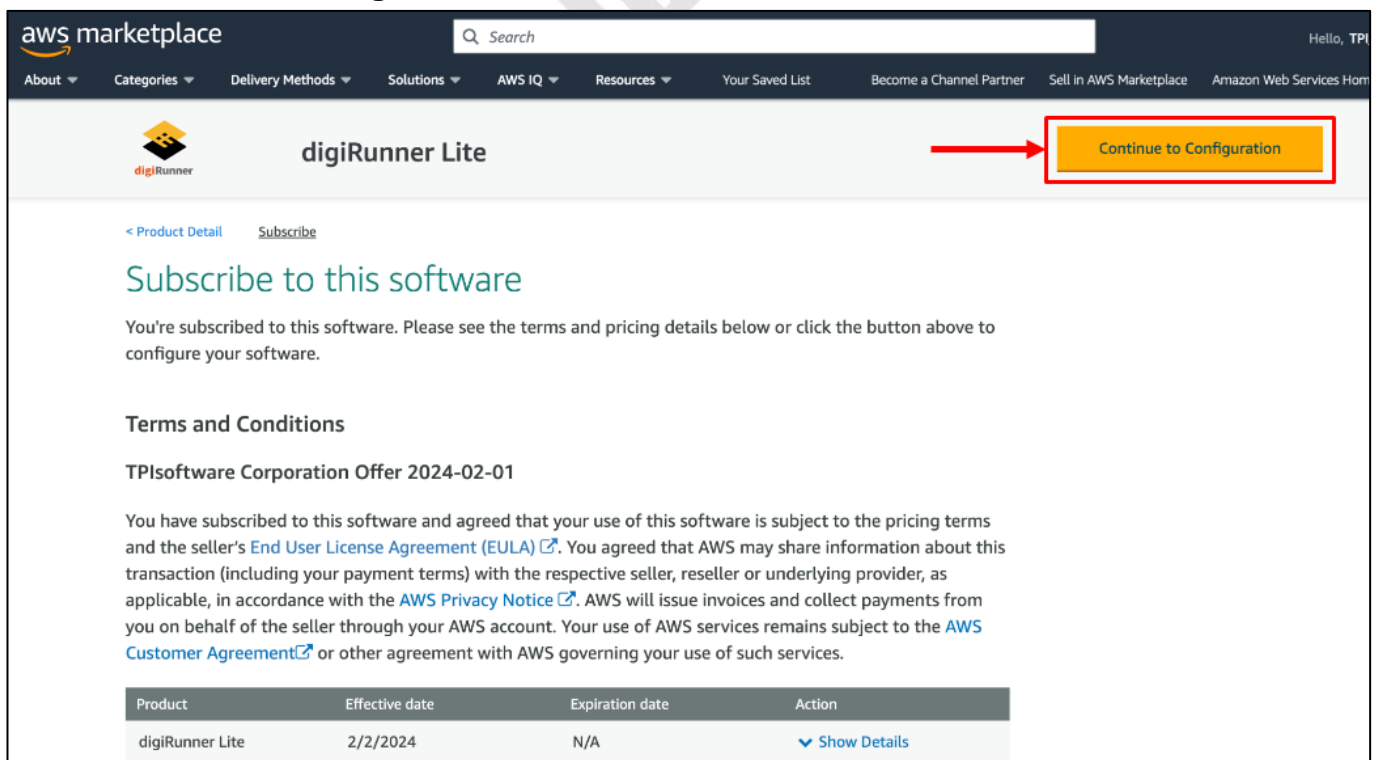
2.4. 訂閱產品

點選欲訂閱的 digiRunner 產品方案進入該頁面，並點選 [**Continue to Subscribe**] 以完成訂閱。



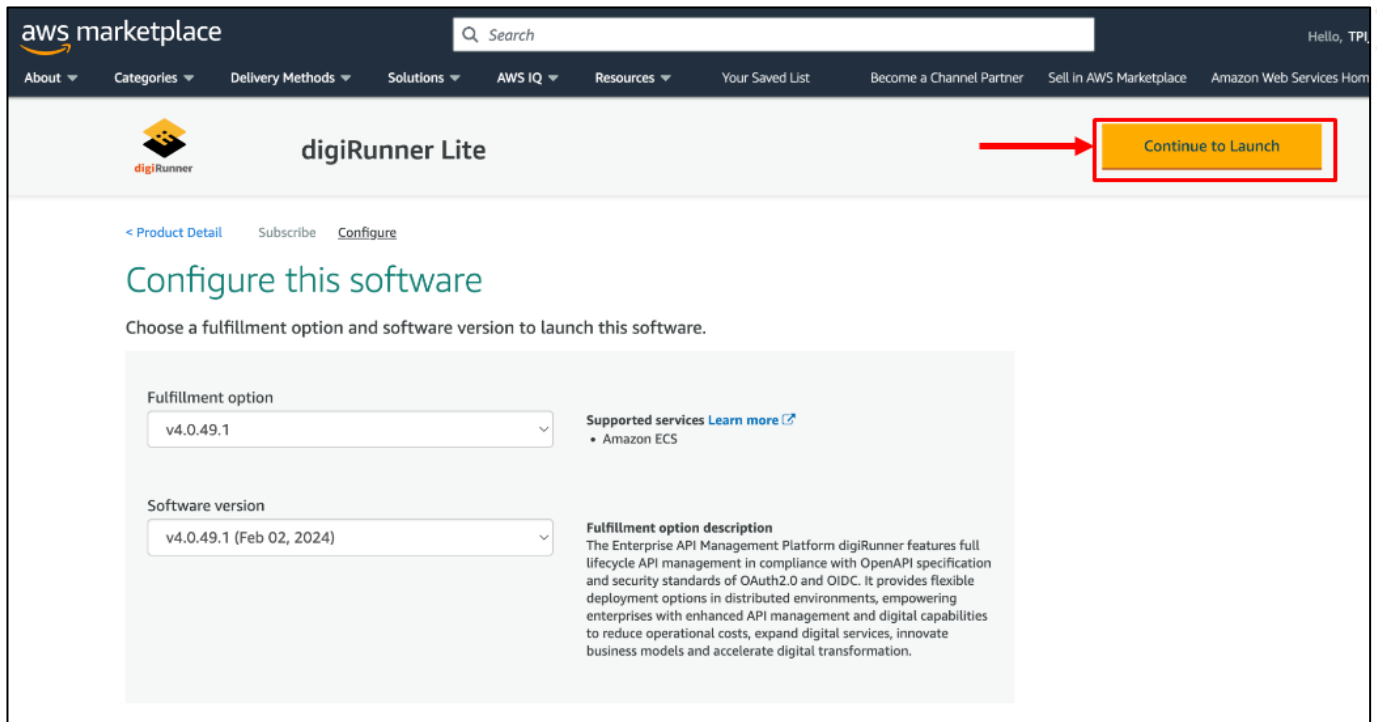
2.5. 設定產品

點選 [**Continue to Configuration**] 開始設定您的產品。



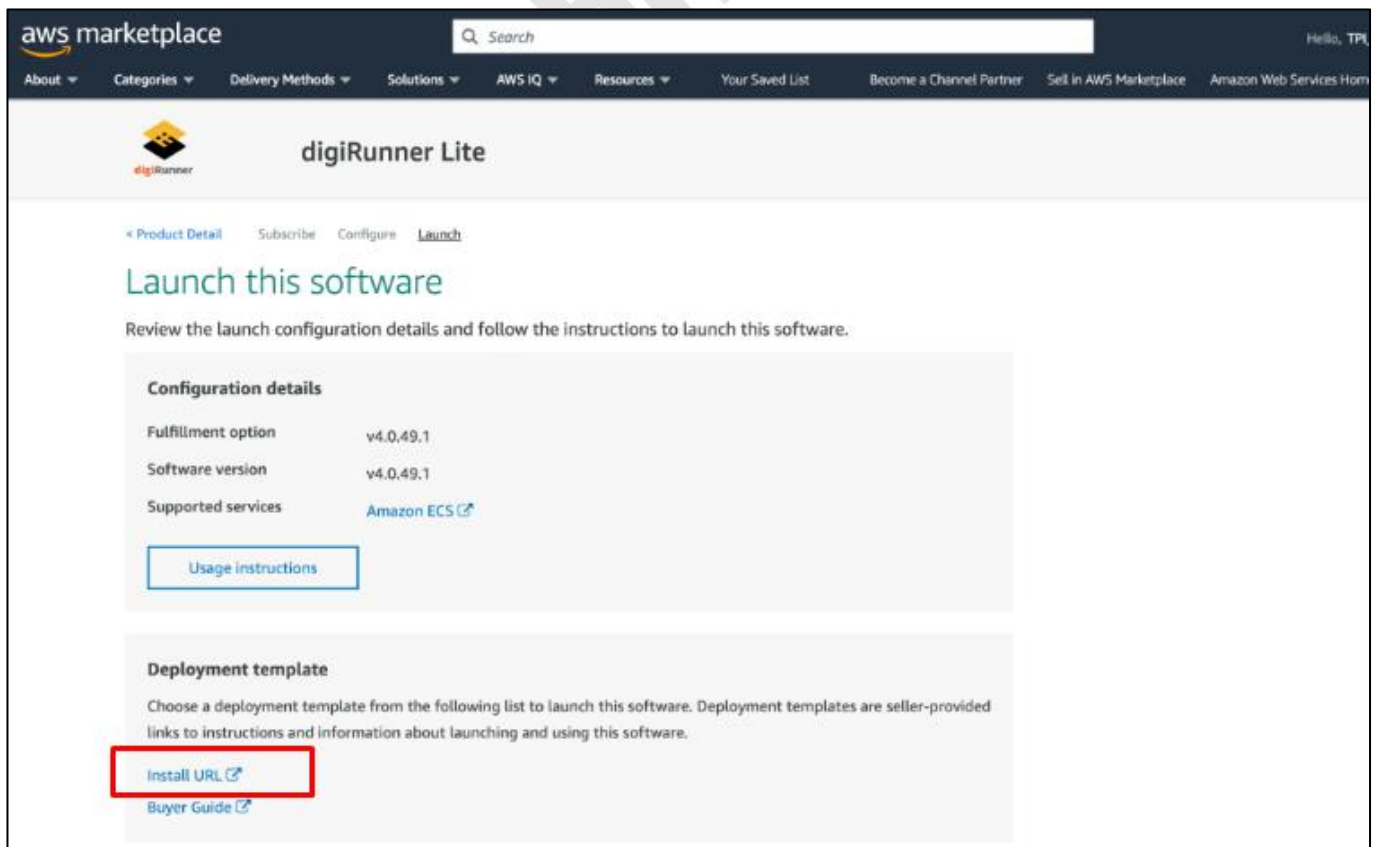
2.6. 啟動產品

點選 [**Continue to Launch**] 以進行產品的啟動流程。



2.7. 開始安裝

點選 [**Install URL**] 以前往安裝網址，並開始進行安裝。

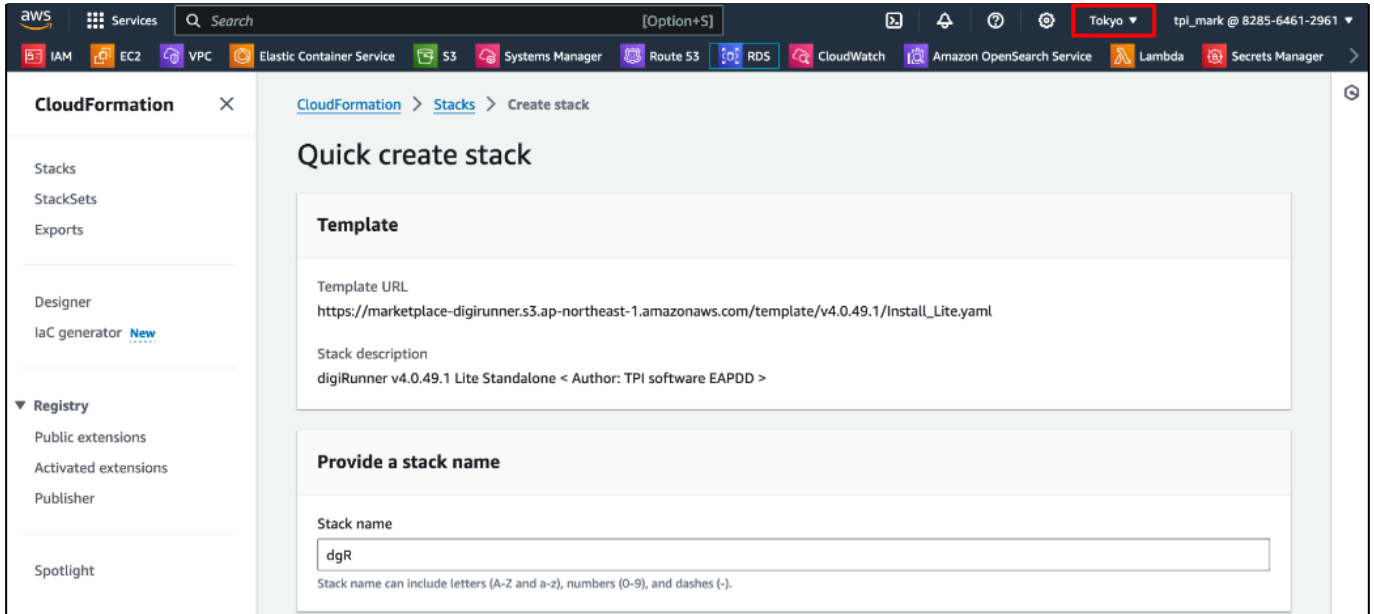


3. digiRunner 安裝與設定

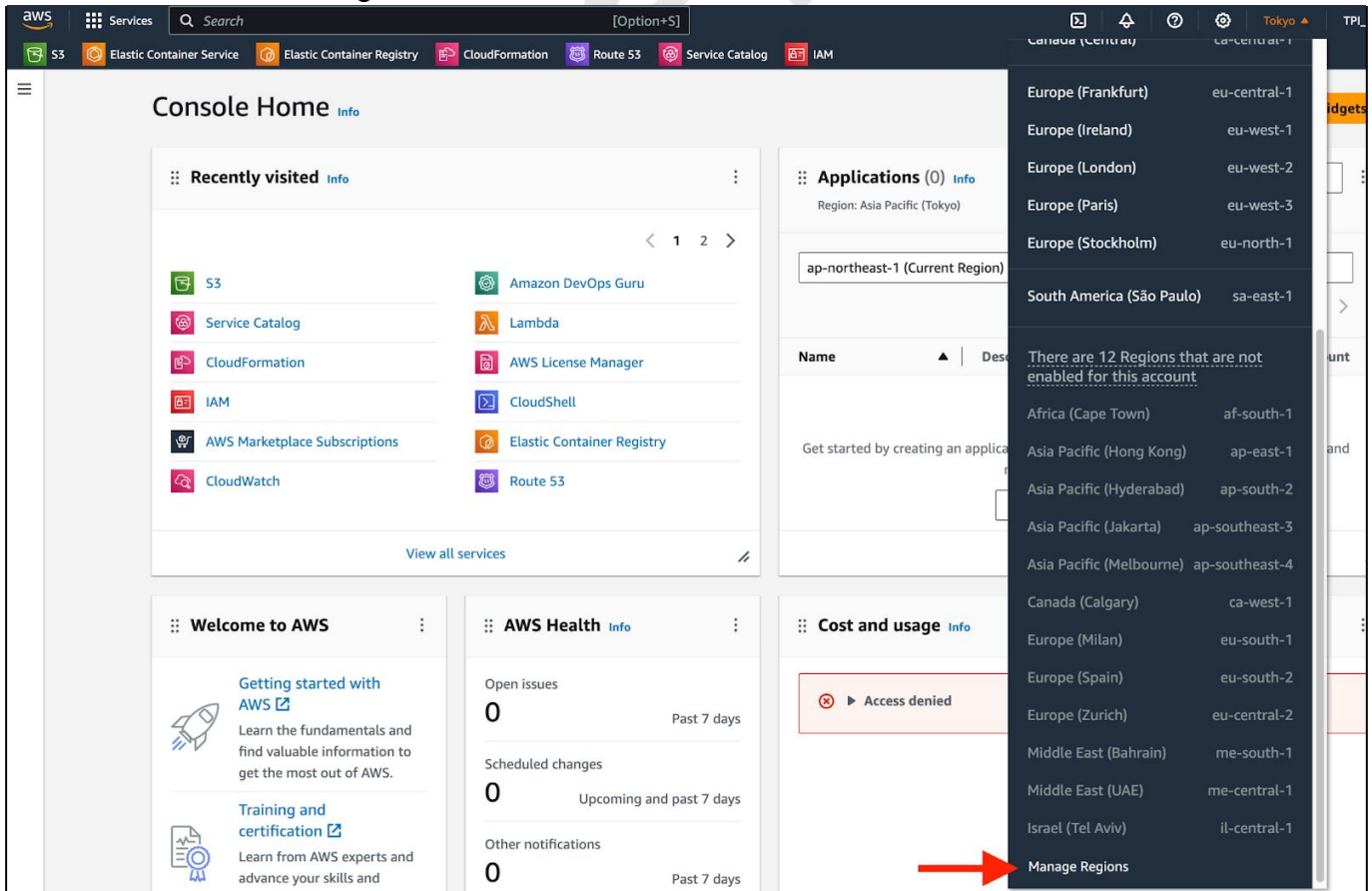
3.1. 地區設定

預設的安裝地區是 **Tokyo** (ap-northeast-1)。

1. 您可從下拉式選單中選擇所需的地区以進行變更。



2. 如果你想要安裝的 Region 尚未啟用，可參照以下圖片說明進行啟用。



AWS Regions [Info](#) Disable Enable ↻

Region	Status
<input type="checkbox"/> Africa (Cape Town)	⊗ Disabled
<input checked="" type="checkbox"/> Asia Pacific (Hong Kong)	⊗ Disabled
<input type="checkbox"/> Asia Pacific (Hyderabad)	⊗ Disabled
<input checked="" type="checkbox"/> Asia Pacific (Jakarta)	⊗ Disabled
<input checked="" type="checkbox"/> Asia Pacific (Melbourne)	⊗ Disabled
<input type="checkbox"/> Canada (Calgary)	⊗ Disabled
<input type="checkbox"/> Europe (Zurich)	⊗ Disabled
<input type="checkbox"/> Europe (Milan)	⊗ Disabled
<input type="checkbox"/> Europe (Spain)	⊗ Disabled
<input type="checkbox"/> Israel (Tel Aviv)	⊗ Disabled
<input type="checkbox"/> Middle East (UAE)	⊗ Disabled
<input type="checkbox"/> Middle East (Bahrain)	⊗ Disabled
<input checked="" type="checkbox"/> Asia Pacific (Tokyo)	✔ Enabled by default
<input checked="" type="checkbox"/> Asia Pacific (Seoul)	✔ Enabled by default
<input checked="" type="checkbox"/> Asia Pacific (Osaka)	✔ Enabled by default
<input checked="" type="checkbox"/> Asia Pacific (Mumbai)	✔ Enabled by default

1 (points to the Region column header)

2 (points to the Enable button)



3.2. 安裝參數

您可使用預設的安裝參數進行設定。

注意: 如果您的 AWS 網路環境與預設值衝突，則參數可能無法使用。可能造成衝突的原因如下：

1. **已達 VPC 配額上限：**請確認您的資源使用量維持在 VPC 配額限制內。請參閱 [AWS 文件](#) 以了解更多詳情。
2. **網段衝突：**請確認您指定的網段沒有被佔用。

Parameters
Parameters are defined in your template and allow you to input custom values when you create or update a stack.

::::: Your digiRunner Domain Name :::::

Domain
The ID of the Route53 Hosted Zone for the domain name used in the ACM Certificate.
Select AWS::Route53::HostedZone::id

SubDomain
Input your subdomain name for digiRunner, e.g. (subdomain).yourdomain.com
api

::::: Password for digiRunner login :::::

Password
Must be 8 to 12 characters and include upper and lower case letters, numbers, and special characters(@\$!%*?&).

::::: Create VPC & Subnet :::::

new VPC CIDR
CIDR Block for the new VPC (e.g., 10.184.0.0/16)
10.184.0.0/16

Public_Subnet_1 CIDR
CIDR Block for the first public subnet (e.g., 10.184.1.0/20)
10.184.0.0/20

Public_Subnet_2 CIDR
CIDR Block for the second public subnet (e.g., 10.184.2.0/16)
10.184.16.0/20

Private_Subnet_1 CIDR
CIDR Block for the first private subnet (e.g., 10.184.3.0/16)
10.184.32.0/20

Private_Subnet_2 CIDR
CIDR Block for the second private subnet (e.g., 10.184.4.0/16)
10.184.48.0/20

::::: Test / Production :::::

Install for [Test / Production] Environment
The Test Environment will use cheaper machine instance type.
Select String

選擇您的網域名稱

如果沒有可供選擇的域名，請參閱「前置作業」章節

輸入您的子網域

若子網域為 *api*，則 digiRunner 的網址為 *api.yourdomain*

輸入您的 digiRunner 登入密碼

必須為 8~12 個字元，包含英文字母大小寫、數字和特殊字元 (@\$!%*?&)

輸入新 VPC 的網段

輸入新 VPC 中的“公開子網段 1”

輸入新 VPC 中的“公開子網段 2”

輸入新 VPC 中的“私有子網段 1”

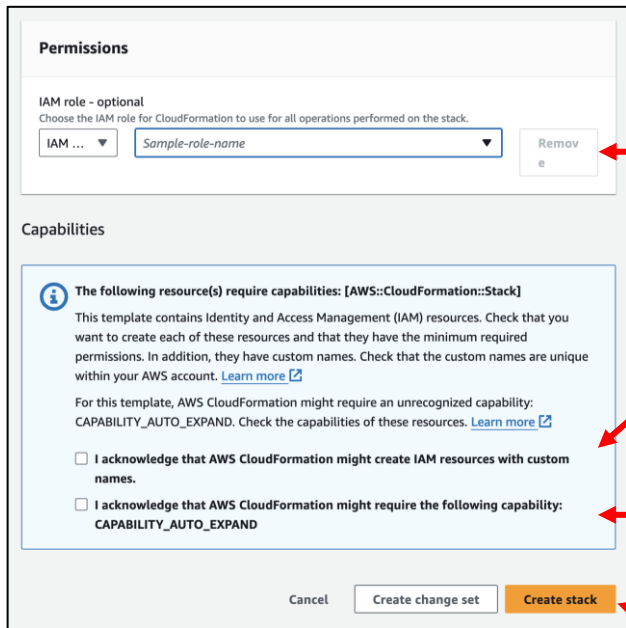
輸入新 VPC 中的“私有子網段 2”

選擇測試或正式模式

測試模式將以最低可運行的資源安裝，不適合正式使用

3.3. 安裝權限

進行安裝的 AWS 帳號或 IAM 角色必須具有執行安裝的權限：[digiRunner least-privilege permissions](#)。



選擇具有安裝權限的 IAM 角色

如果您的 AWS 帳號具有管理員權限，則可跳過這一步

勾選表示您已知道：

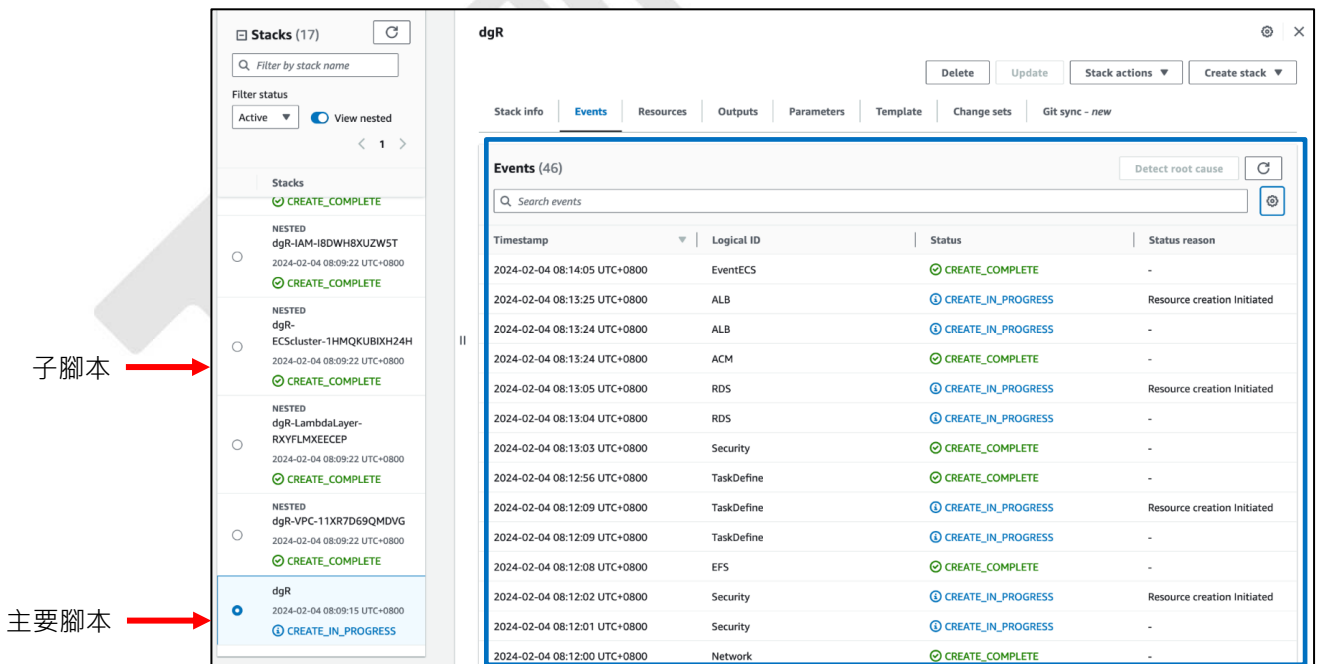
CloudFormation 腳本將自行建立所需的 IAM 權限

勾選表示您已知道：

CloudFormation 腳本為巢狀結構，其中主腳本會建立其他的子腳本

點選以開始安裝

3.4. 安裝過程



子腳本

主要腳本

此區塊會顯示安裝的相關訊息，例如安裝的過程與進度

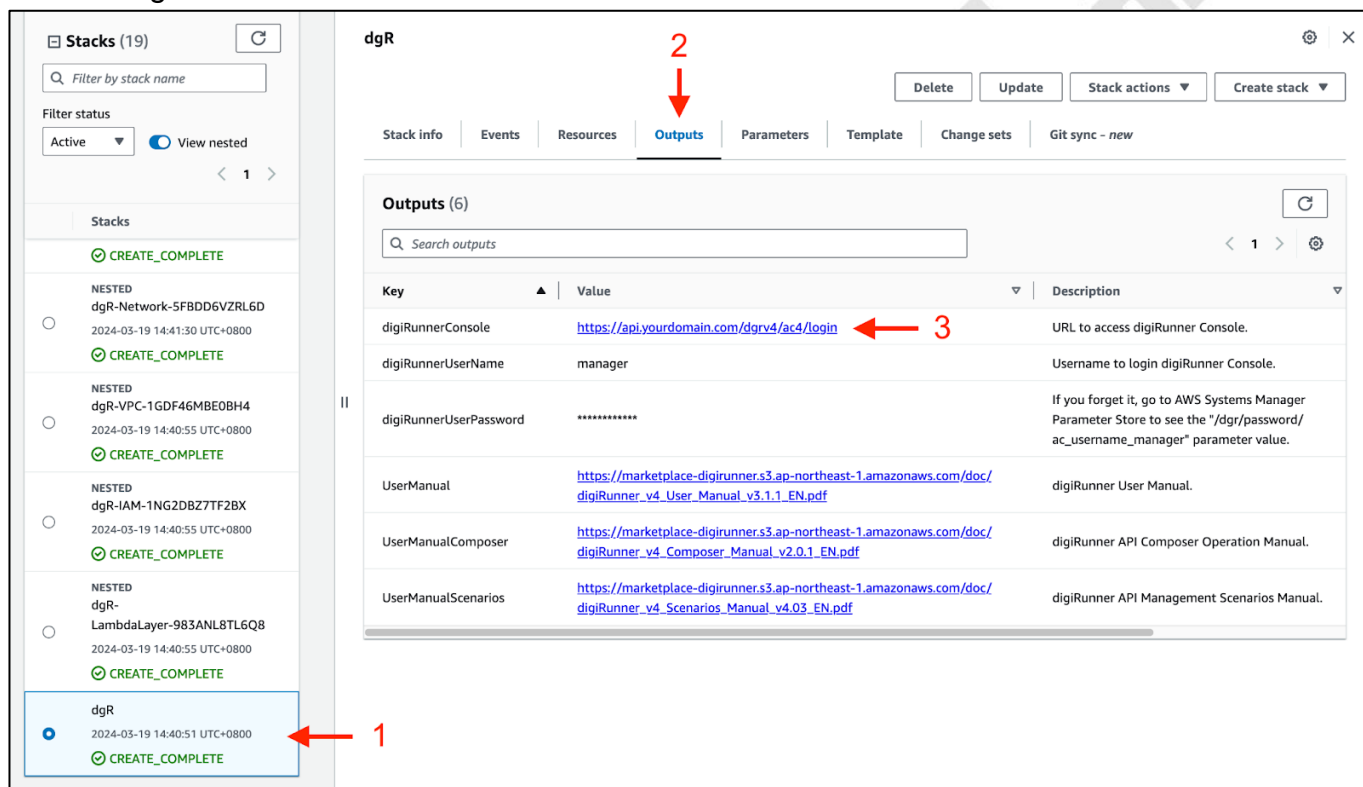
3.5. 安裝完成

安裝所需時間如下：

- **digiRunner Lite**：約 25 分
- **digiRunner Lite (High Availability)**：約 35 分
- **digiRunner Enterprise**：約 35 分
- **digiRunner Enterprise (High Availability)**：約 45 分

注意：實際安裝時間會依據 AWS 的雲端基礎設施環境而有差異，當 AWS 環境不穩定時，安裝時間可能會更長。

1. 當主要腳本顯示 'CREATE_COMPLETE'，即表示已安裝完成。
2. 點選 [**Outputs**]。
3. 點選 digiRunner 網址以登入主控台。



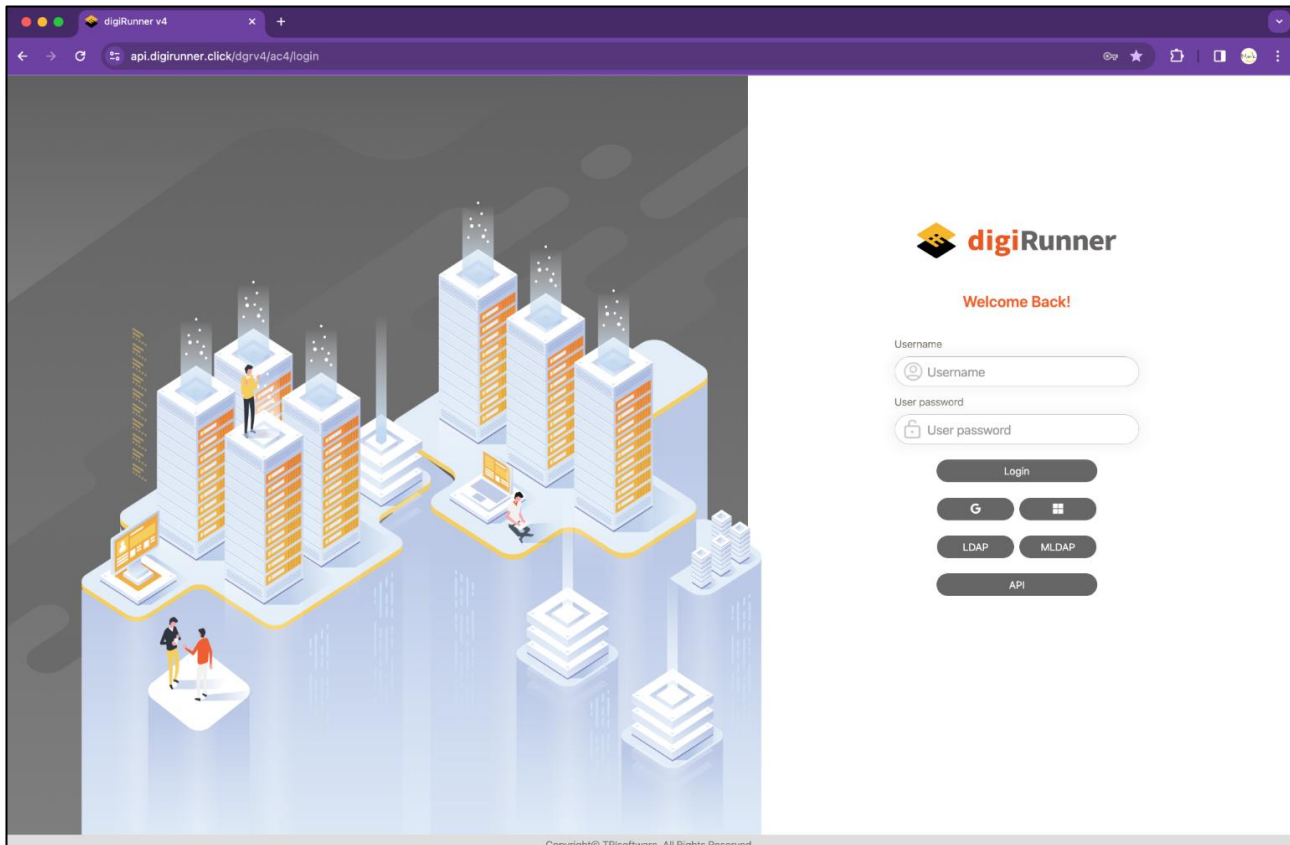
4. digiRunner 的操作說明，請參見下方表格的手冊。

手冊名稱	Key	連結
digiRunner User Manual	UserManual	https://marketplace-digirunner.s3.ap-northeast-1.amazonaws.com/doc/digiRunner_v4_User_Manual_v3.1.1_EN.pdf
digiRunner API Composer Operation Manual	UserManualComposer	https://marketplace-digirunner.s3.ap-northeast-1.amazonaws.com/doc/digiRunner_v4_Composer_Manual_v2.0.1_EN.pdf
digiRunner Scenarios Manual	UserManualScenarios	https://marketplace-digirunner.s3.ap-northeast-1.amazonaws.com/doc/digiRunner_v4_Scenarios_Manual_v4.03_EN.pdf

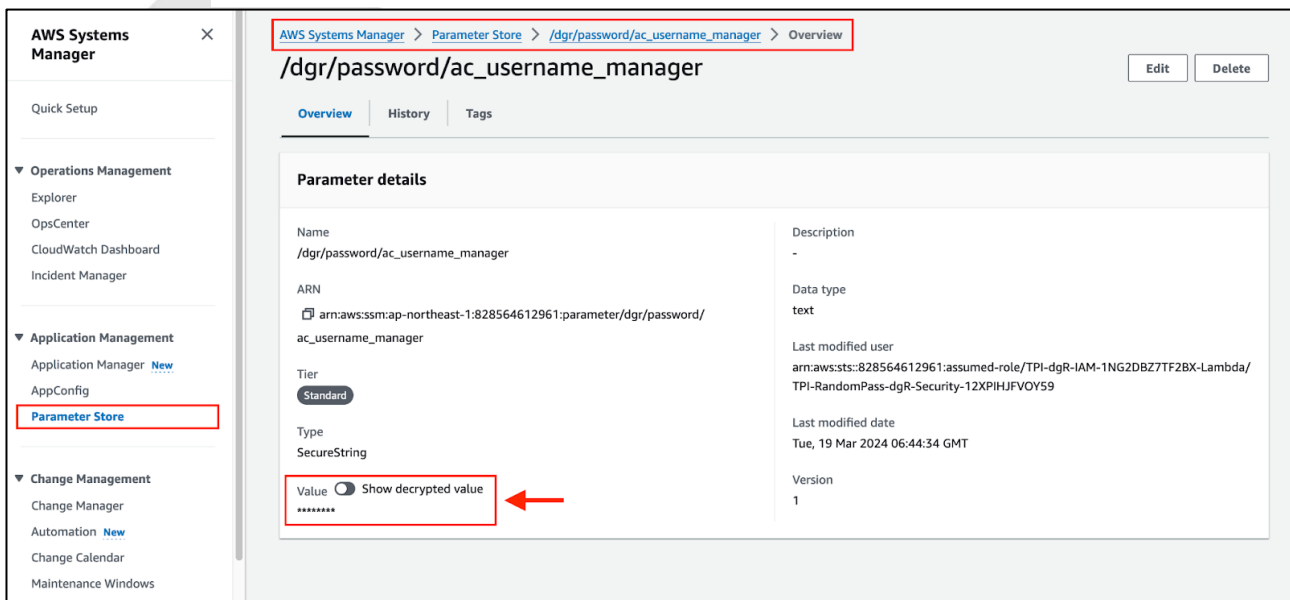
4. 登入 digiRunner

1. 使用預設的帳號與密碼登入系統：

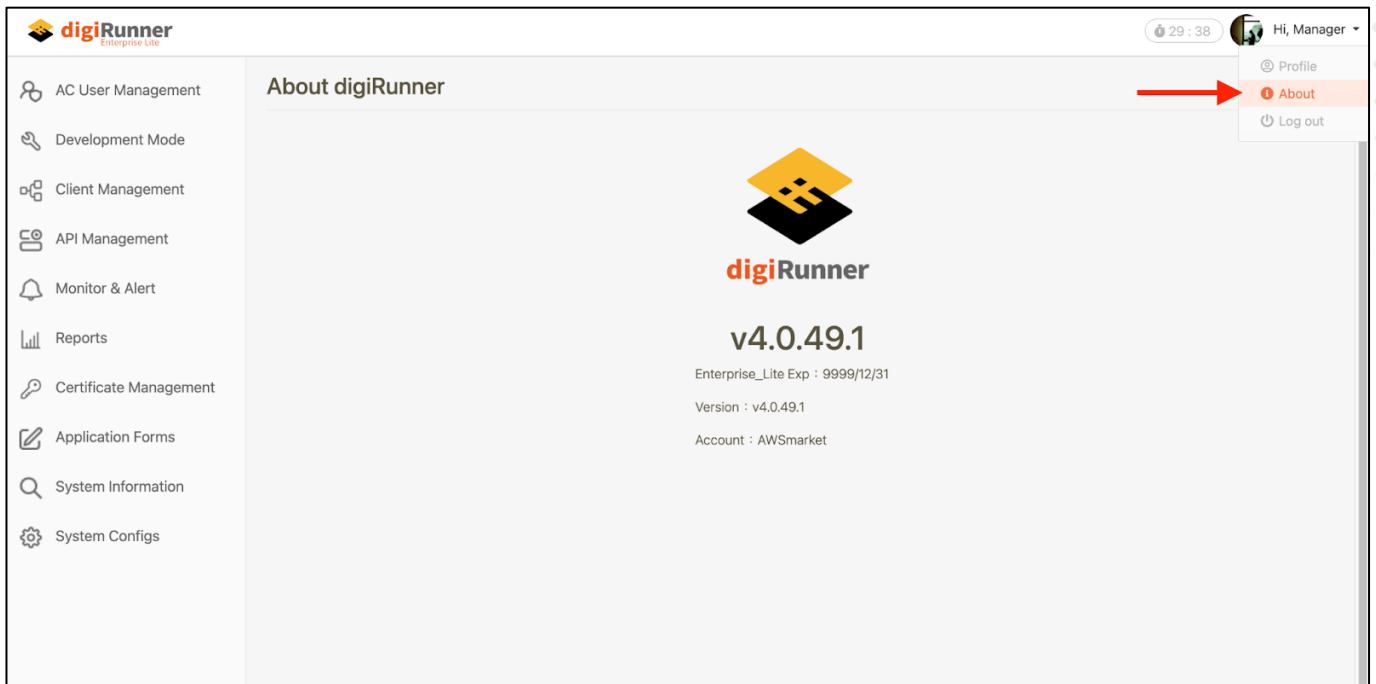
- 帳號：manager
- 密碼：{您設定的參數值}



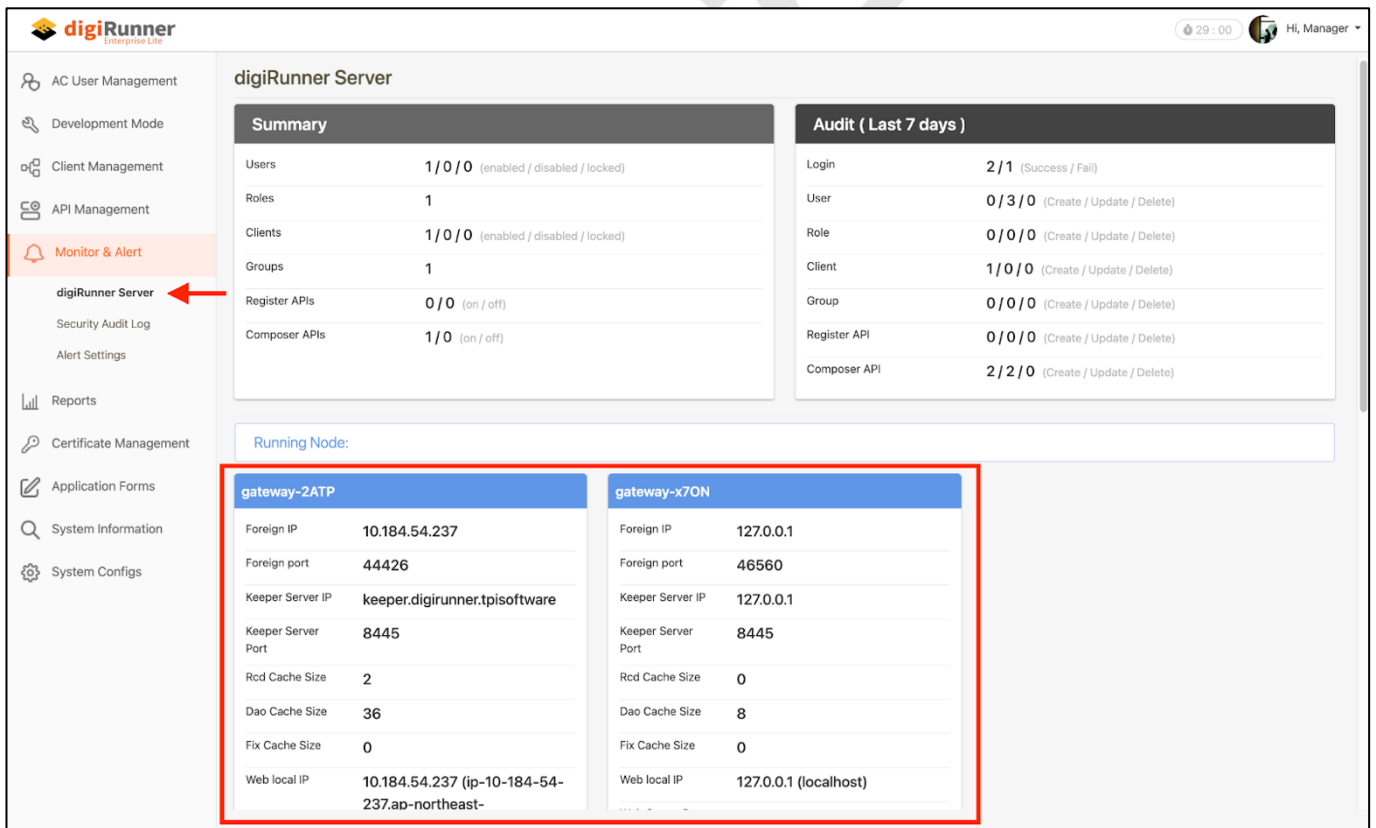
2. 若您忘記密碼，請前往 [**AWS Systems Manager**] > [**Parameter Store**] > [**/dgr/password/ac_username_manager**]。於 [**Overview**] 頁面，找到設定密碼的 [**值**] 欄位，然後切換開關以顯示解密的值 (**Show the decrypted value**)。



3. 點選 [About] 以查看 digiRunner 的版本。



4. 若您安裝的方案為 **High Availability**，則 **digiRunner Server** 頁面將顯示 2 台以上的 Container，如否，則只會顯示 1 台 Container。

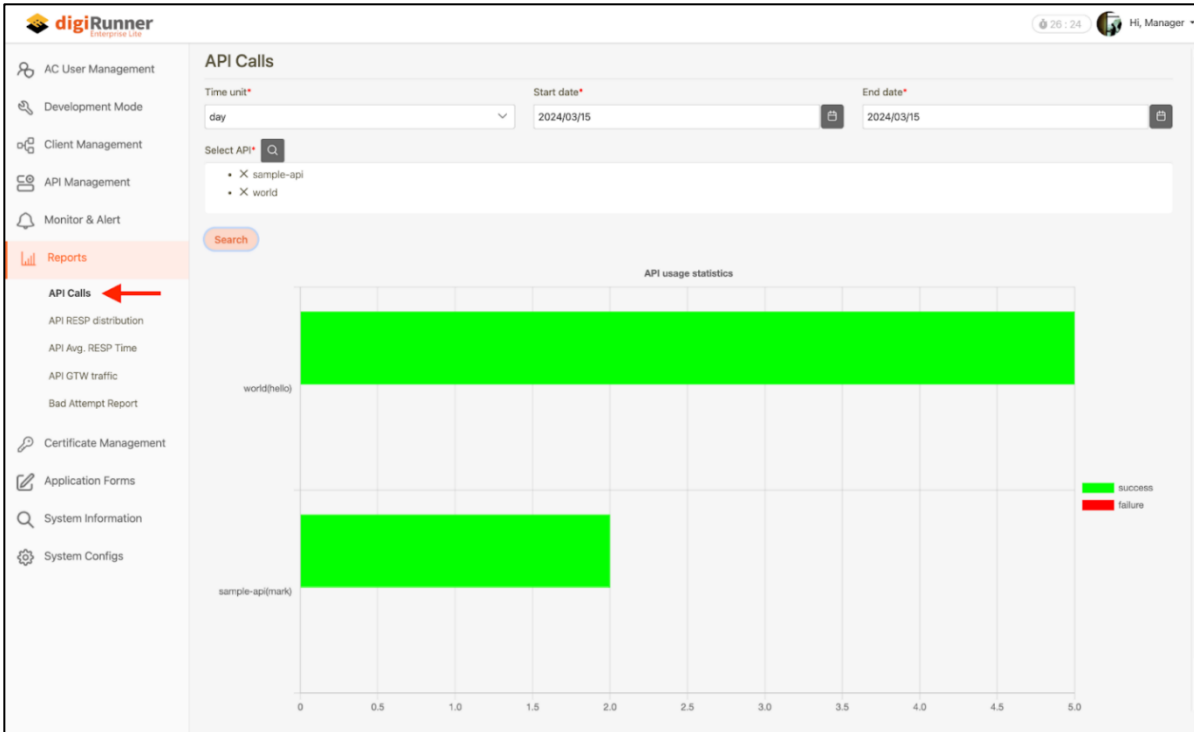


5. digiRunner 報表與架構

5.1. digiRunner 報表

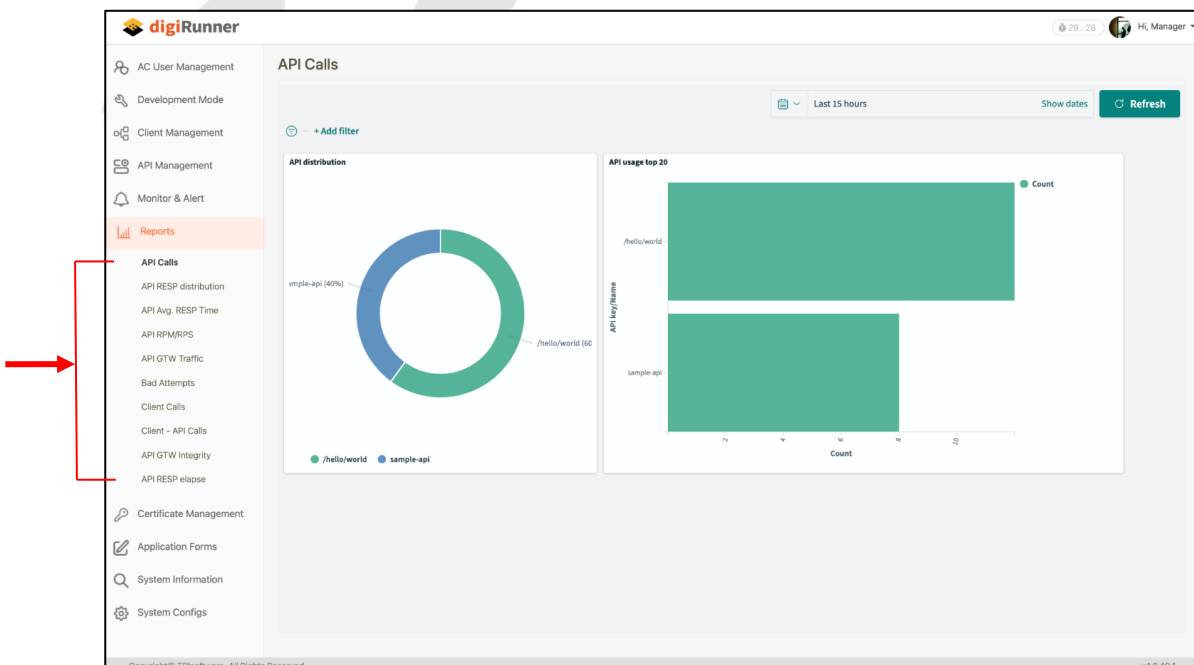
5.1.1. 簡易報表管理

digiRunner Lite 和 digiRunner Lite (High Availability) 提供簡易的資料報表。



5.1.2. 詳細報表分析 (OpenSearch Dashboard)

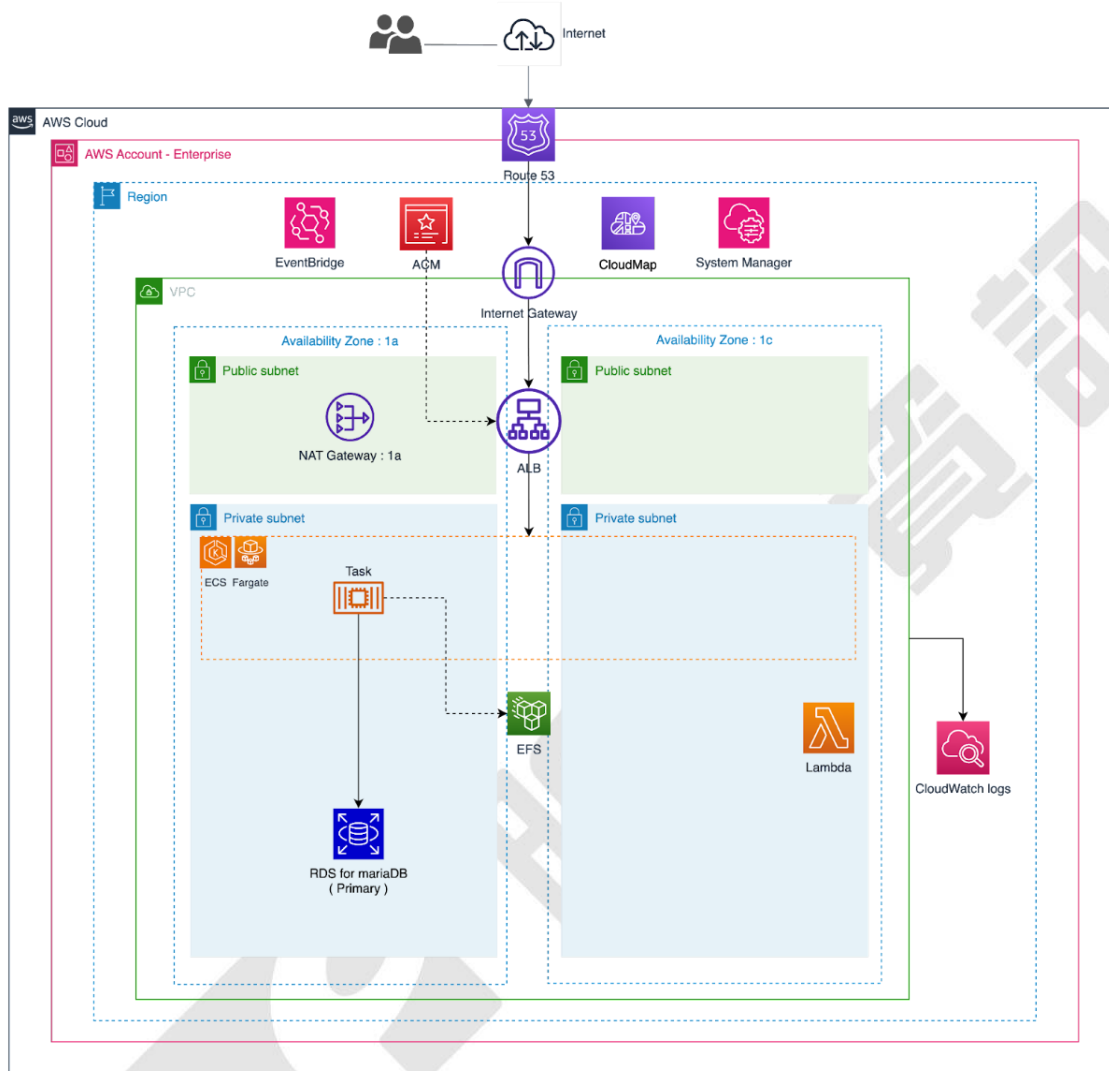
digiRunner Enterprise 和 digiRunner Enterprise (High Availability) 提供詳細的報表分析。



5.2. digiRunner 部署架構 (Architecture)

5.2.1. 部署架構 - digiRunner Lite

1. 部署架構

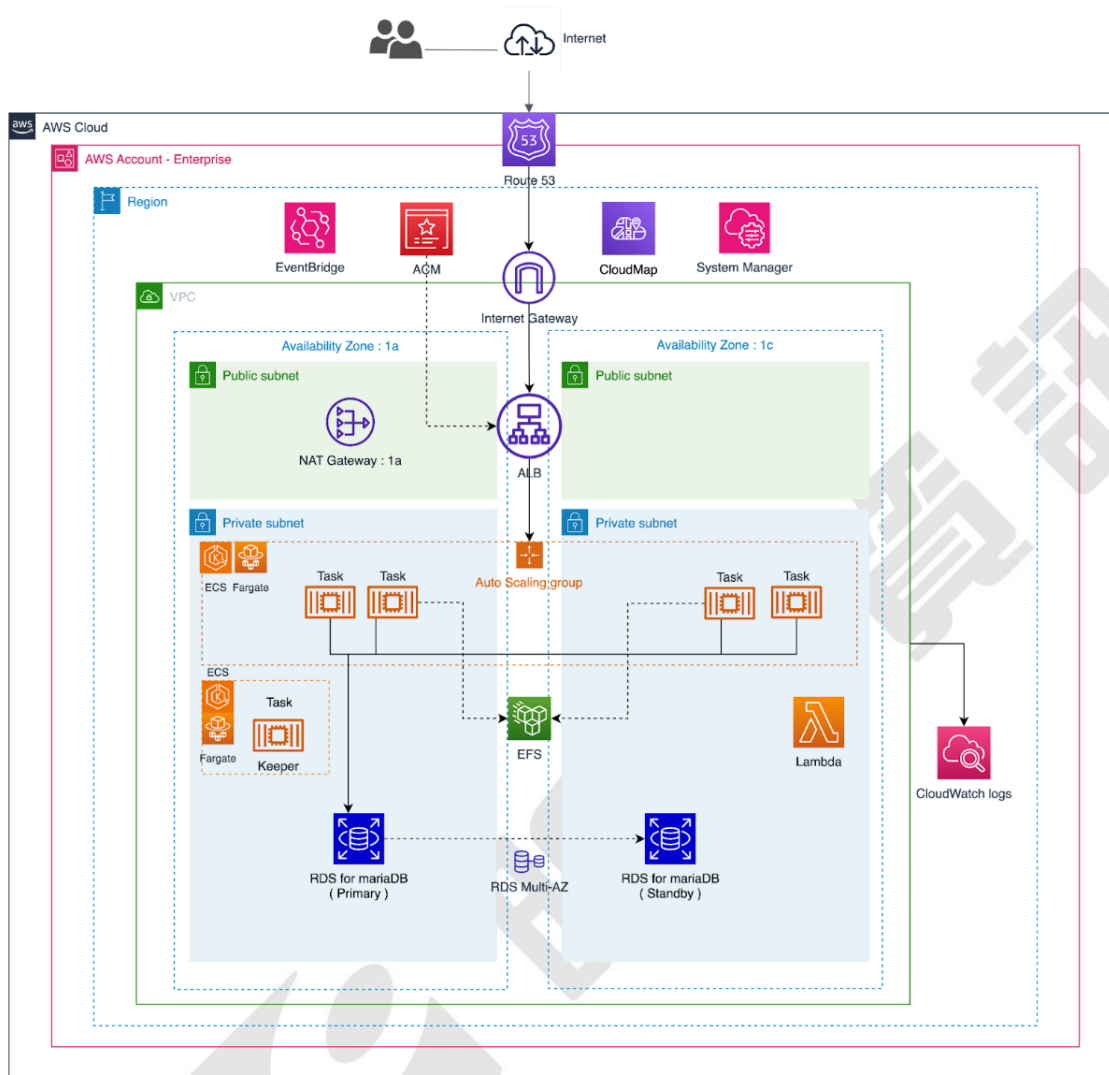


2. AWS Infrastructure Resources – Pricing

Resource	Resource Full Name	Pricing
VPC	Virtual Private Cloud - NAT gateway	https://aws.amazon.com/vpc/pricing/
Route 53	Route 53	https://aws.amazon.com/route53/pricing/
Cloud Map	Cloud Map	https://aws.amazon.com/cloud-map/pricing/
ECS	Elastic Container Service - Fargate	https://aws.amazon.com/fargate/pricing/
RDS for mariaDB	Relational Database Service	https://aws.amazon.com/fargate/pricing/
EFS	Elastic File System	https://aws.amazon.com/efs/pricing/
ELB	Elastic Load Balancer	https://aws.amazon.com/elasticloadbalancing/pricing/
EventBridge	EventBridge	https://aws.amazon.com/eventbridge/pricing/
Lambda	Lambda	https://aws.amazon.com/lambda/pricing/
CloudWatch	CloudWatch	https://aws.amazon.com/cloudwatch/pricing/

5.2.2. 部署架構 - digiRunner Lite (High Availability)

1. 部署架構

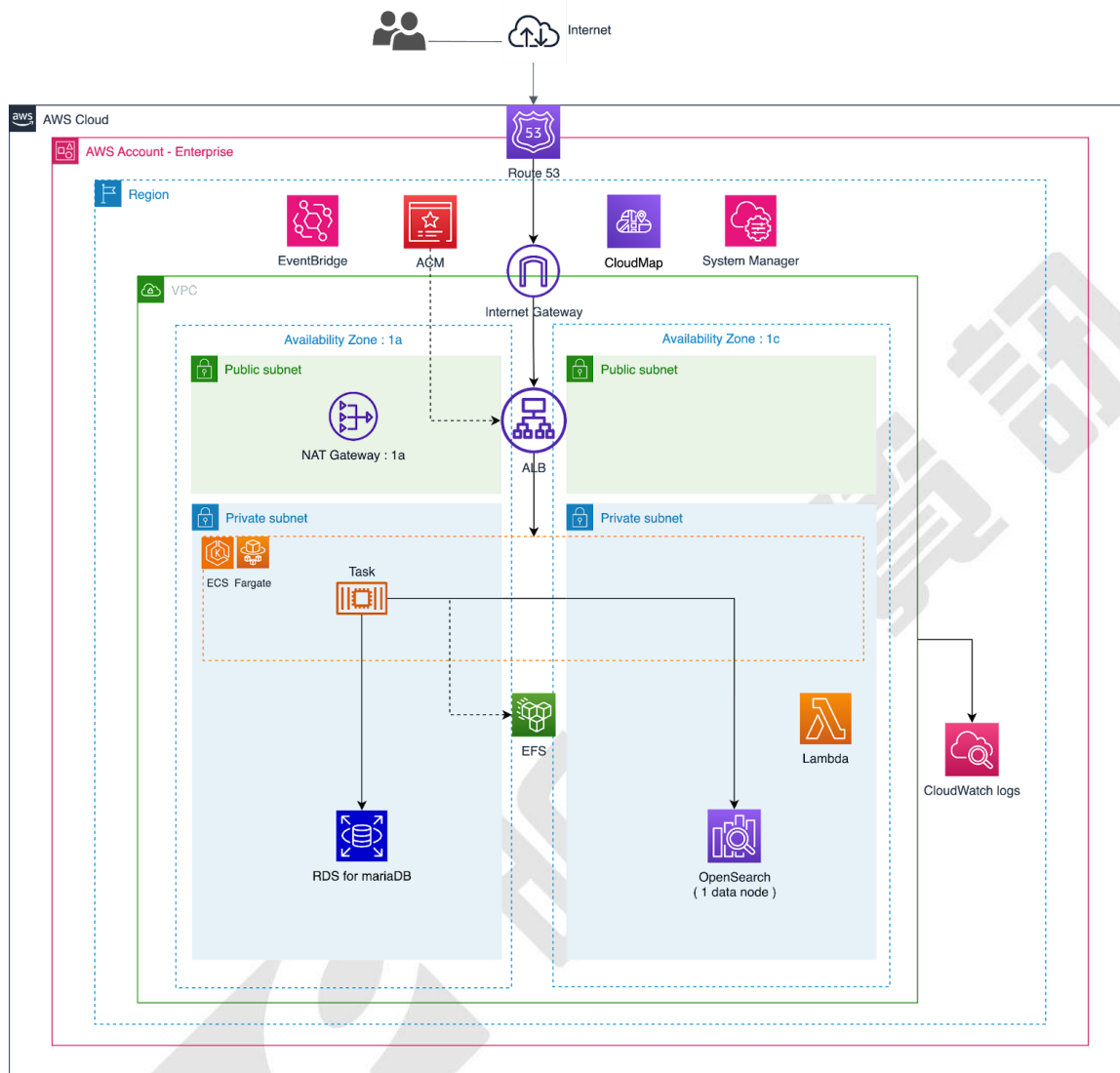


2. AWS Infrastructure Resources – Pricing

Resource	Resource Full Name	Pricing
VPC	Virtual Private Cloud - NAT gateway	https://aws.amazon.com/vpc/pricing/
Route 53	Route 53	https://aws.amazon.com/route53/pricing/
Cloud Map	Cloud Map	https://aws.amazon.com/cloud-map/pricing/
ECS	Elastic Container Service – Fargate (Autoscaling)	https://aws.amazon.com/fargate/pricing/
RDS for mariaDB	Relational Database Service (Multi-AZ)	https://aws.amazon.com/fargate/pricing/
EFS	Elastic File System	https://aws.amazon.com/efs/pricing/
ELB	Elastic Load Balancer	https://aws.amazon.com/elasticloadbalancing/pricing/
EventBridge	EventBridge	https://aws.amazon.com/eventbridge/pricing/
Lambda	Lambda	https://aws.amazon.com/lambda/pricing/
CloudWatch	CloudWatch	https://aws.amazon.com/cloudwatch/pricing/

5.2.3. 部署架構 - digiRunner Enterprise

1. 部署架構

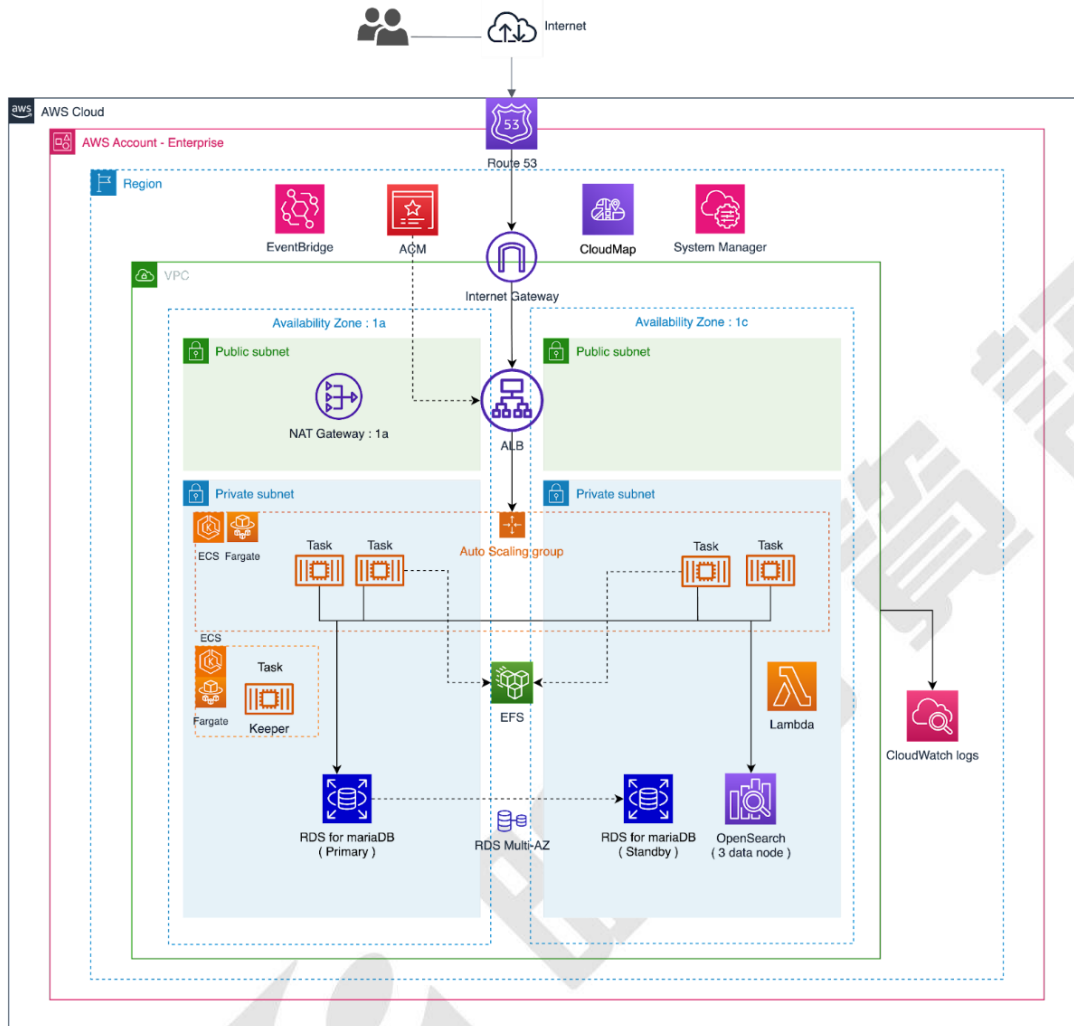


2. AWS Infrastructure Resources – Pricing

Resource	Resource Full Name	Pricing
VPC	Virtual Private Cloud - NAT gateway	https://aws.amazon.com/vpc/pricing/
Route 53	Route 53	https://aws.amazon.com/route53/pricing/
Cloud Map	Cloud Map	https://aws.amazon.com/cloud-map/pricing/
ECS	Elastic Container Service – Fargate	https://aws.amazon.com/fargate/pricing/
RDS for mariaDB	Relational Database Service	https://aws.amazon.com/fargate/pricing/
EFS	Elastic File System	https://aws.amazon.com/efs/pricing/
ELB	Elastic Load Balancer	https://aws.amazon.com/elasticloadbalancing/pricing/
EventBridge	EventBridge	https://aws.amazon.com/eventbridge/pricing/
Lambda	Lambda	https://aws.amazon.com/lambda/pricing/
CloudWatch	CloudWatch	https://aws.amazon.com/cloudwatch/pricing/
OpenSearch	OpenSearch (1 data node)	https://aws.amazon.com/opensearch-service/pricing/

5.2.4. 部署架構 - digiRunner Enterprise (High Availability)

1. 部署架構



2. AWS Infrastructure Resources – Pricing

Resource	Resource Full Name	Pricing
VPC	Virtual Private Cloud - NAT gateway	https://aws.amazon.com/vpc/pricing/
Route 53	Route 53	https://aws.amazon.com/route53/pricing/
Cloud Map	Cloud Map	https://aws.amazon.com/cloud-map/pricing/
ECS	Elastic Container Service – Fargate (Autoscaling)	https://aws.amazon.com/fargate/pricing/
RDS for mariaDB	Relational Database Service (Multi-AZ)	https://aws.amazon.com/fargate/pricing/
EFS	Elastic File System	https://aws.amazon.com/efs/pricing/
ELB	Elastic Load Balancer	https://aws.amazon.com/elasticloadbalancing/pricing/
EventBridge	EventBridge	https://aws.amazon.com/eventbridge/pricing/
Lambda	Lambda	https://aws.amazon.com/lambda/pricing/
CloudWatch	CloudWatch	https://aws.amazon.com/cloudwatch/pricing/
OpenSearch	OpenSearch (3 data node)	https://aws.amazon.com/opensearch-service/pricing/

6. 解除安裝

1. 選取欲解除安裝的主要腳本。
2. 點選 [Delete] 以完成解除安裝。

The screenshot shows the AWS CloudFormation console interface. On the left, the 'Stacks (19)' list is visible, with the 'dgR' stack selected and highlighted by a red arrow labeled '1'. The main area displays the details for the 'dgR' stack, including tabs for Stack info, Events, Resources, Outputs, Parameters, Template, Change sets, and Git sync - new. The 'Outputs (6)' tab is active, showing a table of stack outputs. A red arrow labeled '2' points to the 'Delete' button in the top right corner of the stack details pane.

Key	Value	Description
digiRunnerConsole	https://api.yourdomain.com/dgrv4/ac4/login	URL to access digiRunner Console.
digiRunnerUserName	manager	Username to login digiRunner Console.
digiRunnerUserPassword	*****	If you forget it, go to AWS Systems Manager Parameter Store to see the "/dgr/password/ac_username_manager" parameter value.
UserManual	https://marketplace-digirunner.s3.ap-northeast-1.amazonaws.com/doc/digiRunner_v4_User_Manual_v3.1.1_EN.pdf	digiRunner User Manual.
UserManualComposer	https://marketplace-digirunner.s3.ap-northeast-1.amazonaws.com/doc/digiRunner_v4_Composer_Manual_v2.0.1_EN.pdf	digiRunner API Composer Operation Manual.
UserManualScenarios	https://marketplace-digirunner.s3.ap-northeast-1.amazonaws.com/doc/digiRunner_v4_Scenarios_Manual_v4.03_EN.pdf	digiRunner API Management Scenarios Manual.

7. 疑難排解

如果您無法成功安裝，請先解除安裝，並參考以下說明以排除問題：

1. 確認至少有一個網域註冊或託管於 Route 53。
2. 確認使用具有權限的 AWS 帳號進行安裝 (必須使用 Admin 帳號)。
3. 檢查 VPC 資源環境是否已達上限，例如：VPC 數量已達上限 5 個或其他限制。
請參閱 [AWS 文件](#) 以了解更多詳情。
4. 確認設定的密碼符合規則：必須為 8~12 個字元，包含英文字母大小寫、數字和特殊字元 (@#\$!%*?&)。
5. 確認設定的網段與現有網段沒有衝突。
6. 確認在安裝過程中輸入的資料皆已確實選擇及填寫。
7. 如已排除上述問題，可能為 AWS 系統異常，請嘗試重新安裝。

附錄

- 尋求技術支援

Email : eapdd_aws@tpisoftware.com

- 與業務聯繫

Email : service@tpisoftware.com

T 昕力資訊