

# AWS Marketplace Buyer Guide

v1.4





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# **Revision History**

Version	Date	Description	Author
1.0	2024.03.05	System version number: v4.0.49.1 Initial release	Mark Zhan, Fran Chen
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# **Table of Contents**

1. Prerequisites	1
1.1. Preparing a Dedicated URL	1
1.2. Domain Settings - with AWS Route 53	1
1.3. Domain Settings - with Third-Party Domain Providers	2
2. Purchase Procedure	4
2.1. Searching for digiRunner	4
2.2. Search Results for digiRunner	4
2.3. digiRunner Products: Four Solutions Available	5
2.4. Subscribing to Products	6
2.5. Configuring Products	6
2.6. Launching Products	7
2.7. Accessing Installation	7
2 digiDupper Installation and Catur	0
3. digiRunner installation and Setup	0
3.1. Region Setup	۵۵
3.2. Installation Parameters	10
3.3. Installation Permissions	
3.4. Installation Process	
3.5. Completing installation	12
4. digiRunner Login	13
E. digiDupper Deports and Architecture	15
5. digirunner Reports and Architecture	
5.1. digikunner Reports	
5.1.2 Detailed Reports	15
5.2. digiRunner Architecture	
5.2.1. Architecture - digiRunner Lite	
5.2.2. Architecture - digiRunner Lite (High Availability)	
5.2.3. Architecture - digiRunner Enterprise	
5.2.4. Architecture - digiRunner Enterprise (High Availability)	19
6. Uninstallation	20
7. Troubleshooting	21
Appendix	າ

# 1. Prerequisites

### 1.1. Preparing a Dedicated URL

You may prepare the dedicated URL with either AWS Route 53 or other domain providers, e.g., GoDaddy, etc.

**NOTE:** If you already have a domain registered or hosted on Route 53, you can use the existing domain and skip the **Domain Settings** steps and proceed directly to <u>Purchase Procedure</u>.

### 1.2. Domain Settings - with AWS Route 53

1. Go to the AWS website, and click on **Sign in** to access the AWS Management Console. **NOTE:** If you do not have an AWS account, click on **Create an AWS Account** to register first.



2. Search for the Route 53 service, and click to access it.



3. Click on **Register domain** to purchase and register the domain, and AWS will automatically complete the required settings.

oute 53 > Dashboard	ifo		
DNS management 1 Hosted zone	Traffic management A visual tool that lets you easily create policies for multiple endpoints in complex configurations. Create policy	Availability monitoring Health checks monitor your applications and web resources, and direct DNS queries to healthy resources. Create health check	Domain registration A domain is the name, such as example.com, that your users use to access your application. Register domain
Register domain Find and register an available domain, o	r transfer your existing domains to Route 53.		
Enter a domain name Each label (each part between dots) can be up	to 63 characters long and must start with a-z or 0-9. Maxir	num length: 255 characters, including dots. Valid cha	rracters: a-z, 0-9, and - (hyphen)
Check			

# 1.3. Domain Settings - with Third-Party Domain Providers

Purchase the domain from other domain providers, e.g., GoDaddy, etc., and follow the instructions below to complete the domain settings.

1. Go to the AWS website, navigate to the Route 53 service, and create a hosted zone.

Route 53 > Hosted zones > digirunner.click	
Public digirunner.click Market Your domain name	Delete zone Test record Configure query logging
Hosted zone details	Edit hosted zone
Records (21) DNSSEC signing Hosted zone tags (0)	
Records (21) Info         Automatic mode is the current search behavior optimized for best filter results. To change modes go to see         C       Delete record         Import zone file       Create record	ettings.
Q Filter records by property or value	Type ▼ Routing pol ▼ Alias ▼ < 1 > ③
□ Record name ♥ Type ♥ Routin ♥ Differ ♥ Alias	▼ Value/Route traffic to ▼ TTL (s ▼ Healt
🗌 digirunner.click NS Simple - No	ns-357.awsdns-44.com. ns-574.awsdns-07.net. ns-1152.awsdns-16.org. ns-2038.awsdns-62.co.uk.

- 2. Access your domain provider's platform (e.g., GoDaddy), set the URL to self-managed, and point it to AWS: ensure it corresponds to the four sets of Values in the Record Type="NS" in the Hosted Zone of Route 53.
- 3. To query the corresponding IP address, please follow the instructions below:
  - a. Open the Terminal or Command Prompt, type in 'nslookup', and press Enter.
  - b. Copy and paste the four groups of NS values and press **Enter** to view the corresponding IP address.

nslookup 🔶 Ty	pe in the command in the Terminal.
> ns-357.awsdns-44.com.	
Server: 8.8.8.8	
Address: 8.8.8.8#53	
Non-authoritative answer:	
Name: ns-357.awsdns-44.co	m and a second se
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.ne	it in the second s
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.o	irg
Address: 205.251.196.128	
> ns-2038.awsdns-62.co.uk.	
Server: 8.8.8.8	
Address: 8.8.8.8#53	
Non outbouitotius spousou	
Non-authoritative answer:	
Addrocc: 205 251 100 246	0.uK
Address: 205.251.199.246	
· · · · · · · · · · · · · · · · · · ·	

# 2. Purchase Procedure

# 2.1. Searching for digiRunner

- 1. Access the AWS Marketplace at: https://aws.amazon.com/marketplace
- 2. Enter digiRunner in the keyword search field to search for it.



# 2.2. Search Results for digiRunner

You will find four digiRunner product solutions on the search results page.

aws m	arketplace	2	Q	digiRunner				×	Hello, TPI
About 👻	Categories 🔻	Delivery Methods 🔻	Solutions 👻	AWS IQ 👻	Resources 💌	Your Saved List	Become a Channel Partner	Sell in AWS Marketplace	Amazon Web Services Hon
	▼ Refine	results	di	igiRunner (4 r	results) showing 1	- 4		Sort By: Relevan	< 1 > @
	Categories Infrastructure Software (4) Business Applications (4) Industries (4) Delivery methods Container Image (4) Publisher TPIsoftware Corporation (4) Pricing model Usage Based (4) Pricing unit Custom Units (4) Contract type			digiRunn	er digiRun By <u>TPIsof</u> 'digiRun complia Tailored	tware Corporation   Ve itware Corporation   Ve ner Lite" is the most ner API Management nce with OpenAPI sp for Open Banking, S	r v4.0.49.1 : affordable. Suitable for cus : Platform features full API l eecification and security star mart Government and en	tomers with predictable ifecycle management ir Idards of OAuth2.0 and	e usage. 1 OIDC.
				digiRunn	digiRur By TPIsof "digiRur data ana Platform specifica	tware Corporation   Ve itware Corporation   Ve oner Enterprise" prov alysis. Suitable for cu n features full API lifi ation and security sta	r v4.0.49.1 ides advanced reporting sys istomers with predictable us ecycle management in comp andards of OAuth2.0 an	tem, allowing you to vi age. digiRunner API Ma bliance with OpenAPI	ew API nagement
	<ul> <li>Standard Contract (4)</li> <li>Region         <ul> <li>Asia Pacific (Hong Kong) (4)</li> <li>Asia Pacific (Tokyo) (4)</li> <li>Asia Pacific (Seoul) (4)</li> <li>Asia Pacific (Mumbai) (4)</li> <li>Asia Pacific (Singapore) (4)</li> <li>Dasifa (Singapore) (4)</li> </ul> </li> </ul>		digiRunn	digiRur By TPIsof "digiRur volumes manage OAuth2	nner Lite ( High Ava tware Corporation   Ve amer Lite (High Availa 5. digiRunner Enterpr ment in compliance .0 and OIDC. Tailored	ailability) r v4.0.49.1 bility)" is high availability fo ise API Management Platfo with OpenAPI specification I for Open Banking, S	or customers with highe m features full API lifec and security standards (	r usage :ycle of	
	Canada (Central) (4) Europe (Frankfurt) (4) Europe (Stockholm) (4) Europe (Ireland) (4) Show 8 More			digiRunn	digiRur By TPIsof "digiRur reportin higher u manage	twere Enterprise ( H twere Corporation   Ve mere Enterprise (High g system, allowing y isage volumes. digiRi ment in compliance	igh Availability ) r v4.0.49.1 Availability)" is high availat ou to view API data analysis unner API Management Plat with OpenAPI sp	illity and provides advan . Suitable for customers form features full API li	nced s with fecycle

# 2.3. digiRunner Products: Four Solutions Available

Comparison of Solutions:

Solutions	Container Auto Scaling & High Availability	OpenSearch Detailed Reporting	Buyer Guide
digiRunner Lite	Х	Х	Affordable
digiRunner Lite (High Availability)	0	Х	Moderate cost, high availability
digiRunner Enterprise	Х	0	Moderate cost, detailed reporting
digiRunner Enterprise (High Availability)	0	0	High cost, high availability and detailed reporting

		📚 digiRun	iner	
Resource	Lite	Lite ( High Availability )	Enterprise	Enterprise ( High Availability )
CloudWatch	•	•	•	•
ALB	•	•	•	•
VPC ( NAT Gateway )	۲	•	•	•
Router 53	•	•	•	•
CloudMap	۲	•	•	•
EventBridge	۲	•	•	•
System Manager	•	•	•	•
ECS Fargate	•	•	•	•
ECS Fargate (Master)		•		•
OpenSearch			•	•
OpenSearch			۲	•

# 2.4. Subscribing to Products

Select one of the digiRunner product solutions and click on **Continue to Subscribe** to complete your subscription.

aws m	arketplace	2	Q	Search					Hello, <b>TPI</b>
About 🔻	Categories 🔻	Delivery Methods 🔻	Solutions 🔻	AWS IQ 🔻	Resources 🔻	Your Saved List	Become a Channel Partner	Sell in AWS Marketplace	Amazon Web Services Hom
		di	giRunner	Lite				Continue to Sub	scribe
		By:	TPIsoftware Cor	poration 🕑	Latest Version: v	4.0.49.1		Save to Lis	t
	digiR	The com com vunner	Enterprise API M apliance with Ope how more ux/Unix	lanagement P enAPI specific	latform digiRunne ation and security	er features full lifed standards of OAut	cycle API management in h2.0 and OIDC. It		
	Drodu	erview	Pri	cing		Usage	Support	R	eviews
Highlights         Alightights         Alightightightightightightightightightight									
	Designed f clouds, dig environme Enabling d operationa digital trar	for seamless and flexil piRunner supports Kut ents to streamline API lynamic, reliable and e al costs, expedites serv ssformation for enterp	ble deployment a pernetes architect integration for e efficient API man vice rollout, and p prises.	cross both or ture and oper nterprise moo agement, digi paves the way	n-premises and ates in distributed dern systems. Runner reduces IT for successful	comp • Conv RFC in system them • Achie	lexities. erting diverse formats such as nto RESTful APIs with ease for m integration and more witho from scratch. ving zero trust security with e	XML, CSV or SAP heterogeneous ut the need to build nhanced	

# 2.5. Configuring Products

#### Click on **Continue to Configuration** to start configuring your product.

aws m	arketplace	e	Q se	earch		-			Hello, <b>TP</b>
About 🔻	Categories 🔻	Delivery Methods 🔻	Solutions 👻 🖌	AWS IQ 🔻 Reso	ources 👻 Y	our Saved List	Become a Channel Partner	Sell in AWS Marketplace	Amazon Web Services Horr
	digiRunner	digiR	unner Lite					Continue to Co	onfiguration
	< Product Deta	il <u>Subscribe</u>							
	Subsc	ribe to thi	s softwar	re					
	You're subs configure y	scribed to this softw our software.	vare. Please see th	he terms and pr	icing details b	elow or click the	e button above to		
	Terms an	d Conditions							
	TPIsoftwa	are Corporation C	)ffer 2024-02-0	)1					
	You have su and the sel transaction applicable, you on beh Customer A	ubscribed to this so ler's End User Licen (including your pay in accordance with lalf of the seller three Agreement <sup>2</sup> or oth	ftware and agree use Agreement (El yment terms) wit the AWS Privacy ough your AWS a er agreement wit	d that your use ULA) <sup>(27</sup> . You ag h the respective Notice <sup>(27</sup> . AWS ccount. Your us th AWS governin	of this softwa reed that AWS e seller, reselle will issue invo e of AWS servi ng your use of	are is subject to f 5 may share info er or underlying pices and collect ices remains sub f such services.	the pricing terms rmation about this provider, as payments from ject to the AWS		
	Product	Effe	ective date	Expirati	on date	Action			
	digiRunner	Lite 2/2	2/2024	N/A		✓ Show	Details		

# 2.6. Launching Products

Click on **Continue to Launch** to initiate the launch process for your product.

aws m	arketplace	e	Q	Search					Hello, <b>TPI</b>
About 🔻	Categories 🔻	Delivery Methods 🔻	Solutions 👻	AWS IQ 🔻	Resources 🔻	Your Saved List	Become a Channel Partner	Sell in AWS Marketplace	Amazon Web Services Hom
	digiRunner	digiRu	inner Lite	9				Continu	e to Launch
	< Product Deta	il Subscribe <u>Confi</u>	gure						
	Config	gure this so	oftware						
	Choose a fi	ulfillment option and	d software ver	sion to laun	ch this softwar	2.			
	Fulfillmer	nt option				_			
	v4.0.4	9.1		~	<ul> <li>Amazon ECS</li> </ul>	is Learn more 🗷			
	Software	version							
	v4.0.49	9.1 (Feb 02, 2024)		~	Fulfillment option The Enterprise API lifecycle API mana	<ul> <li>description</li> <li>Management Platform</li> <li>gement in compliance w</li> </ul>	digiRunner features full vith OpenAPI specification		
					and security stand deployment option enterprises with en- to reduce operation business models a	ards of OAuth2.0 and OI ns in distributed environ nhanced API managemen nal costs, expand digital nd accelerate digital trar	IDC. It provides flexible ments, empowering nt and digital capabilities I services, innovate nsformation.		

# 2.7. Accessing Installation

Click on Install URL to access the installation URL and proceed to the next step for installation.

aws m	narketplac	e	6	l Search					Hello, TPI
About -	Categories 👻	Delivery Methods 🛩	Solutions 🛩	AWS IQ 🔻	Resources 🕶	Your Saved List	Become a Channel Partner	Sell in AWS Marketplace	Amazon Web Services Hom
	digiRunner	digil	Runner Lit	e					
	< Product Det	all Subscribe Co	efigure <u>Launch</u>						
	Laund	ch this sof	tware						
	Review the	e launch configura	tion details and	follow the	instructions to l	aunch this softwa	re.		
	Configu	uration details							
	Fulfillme	ent option	v4.0.49.1						
	Software	e version	v4.0.49.1						
	Support	ed services	Amazon ECS 🛛	1					
	Us	age instructions	]						
	-		*						
	Deploy	ment template							
	Choose a	a deployment templa	te from the follo	wing list to la	unch this software	. Deployment templa	ates are seller-provided		
	links to i	instructions and infor	mation about lau	inching and us	sing this software.	6			
	Install U	RLC							
	Buyer Gu	nde C							

# 3. digiRunner Installation and Setup

# 3.1. Region Setup

The default region is **Tokyo** (ap-northeast-1).

1. Select your desired region from the drop-down menu to customize it.

aws Services Q Search	[Option+S]
🛅 IAM 🔂 EC2 🕝 VPC 🔘 Ela	astic Container Service 📴 S3 🥝 Systems Manager 📖 Route 53 🔯 RDS 🧟 CloudWatch 🙋 Amazon OpenSearch Service 🚴 Lambda 🔞 Secrets Manager 🗦
CloudFormation $ imes$	<u>CloudFormation</u> > <u>Stacks</u> > Create stack
Stacks	Quick create stack
Exports	Template
Designer IaC generator <u>New</u>	Template URL https://marketplace-digirunner.s3.ap-northeast-1.amazonaws.com/template/v4.0.49.1/Install_Lite.yaml Stack description
▼ Registry	digiRunner v4.0.49.1 Lite Standalone < Author: TPI software EAPDD >
Public extensions Activated extensions Publisher	Provide a stack name
	Stack name
Spotlight	dgR Stack name can include letters (A-Z and a-z), numbers (0-9), and dashes (-).

#### 2. If the region you require is not enabled, follow instructsions below to enable the desired region.

aws	Services	Q Searc	h		[Optie	on+S]		D 4 0	🞯 🛛 Tokyo 🔺 👘 T
🔁 S3	🙆 Elastic Co	ontainer Service	e 🕜 Elastic Container Registry	CloudFormation	🐻 Route 53	lervice Catalog			
≡	(	Consol	e Home Info					Europe (Frankfurt)	eu-central-1
								Europe (Ireland)	eu-west-1
		Recent	tly visited Info			:	: Applications (0) Info	Europe (London)	eu-west-2
							Region: Asia Pacific (Tokyo)	Europe (Paris)	eu-west-3
						< 1 2 >		Europe (Stockholm)	eu-north-1
		S3		Amazon	n DevOps Guru		ap-northeast-1 (Current Region)	Couth Amovico (Cão Doulo)	
		le Servi	ce Catalog	🔊 Lambda	a			South America (Sao Paulo)	Sa-east-1
		P Cloud	dFormation	aws Lie	cense Manager		Name 🔺 Des	There are 12 Regions that enabled for this account	at are not unt
		MAI 🗃		CloudS	hell			Africa (Cape Town)	af-south-1
		₽ AWS	Marketplace Subscriptions	G Elastic	Container Regis	stry	Get started by creating an applica	Asia Pacific (Hong Kong)	ap-east-1 and
		Cloud	dWatch	B Route 5	3		Γ	Asia Pacific (Hyderabad)	ap-south-2
								Asia Pacific (Jakarta) a	ip-southeast-3
			Vie	w all services		11		Asia Pacific (Melbourne) a	ip-southeast-4
								Canada (Calgary)	ca-west-1
		:: Welco	ome to AWS	ii AWS H	lealth Info	:	:: Cost and usage Info	Europe (Milan)	eu-south-1
			Getting started with	Open issue	5			Europe (Spain)	eu-south-2
		4)	AWS 🖸 Learn the fundamentals and	0		Past 7 days	⊗ ► Access denied	Europe (Zurich)	eu-central-2
		110	find valuable information to	Scheduled	changes			Middle East (Bahrain)	me-south-1
			Training and	0	Upcoming	and past 7 days		Middle East (UAE)	me-central-1
			certification 🖸	Other will	lasticus			Israel (Tel Aviv)	il-central-1
		ÉÓ	Learn from AWS experts and advance your skills and	0	ICATIONS	Past 7 days		Manage Regions	

	AWS	Regions Info		Disable Enable C
1		Region	Status	1
ſ		Africa (Cape Town)	<ul> <li>Disabled</li> </ul>	2
	<ul><li>✓</li></ul>	Asia Pacific (Hong Kong)	Oisabled	
		Asia Pacific (Hyderabad)	Oisabled	
		Asia Pacific (Jakarta)	<ul> <li>Disabled</li> </ul>	
		Asia Pacific (Melbourne)	Oisabled	
		Canada (Calgary)	<ul> <li>Disabled</li> </ul>	
		Europe (Zurich)	Oisabled	
		Europe (Milan)	Oisabled	
		Europe (Spain)	Oisabled	
		Israel (Tel Aviv)	<ul> <li>Disabled</li> </ul>	
		Middle East (UAE)	<ul> <li>Disabled</li> </ul>	
L		Middle East (Bahrain)	Oisabled	
		Asia Pacific (Tokyo)		
		Asia Pacific (Seoul)	⊘ Enabled by default	
		Asia Pacific (Osaka)		
		Acia Dacifie (Mumbai)	Ø Enabled hv default	

9

# 3.2. Installation Parameters

You may use the default installation parameters provided to configure the product.

**NOTE:** Conflicts may arise if your AWS network environment conflicts with the defaults, and the possible causes of conflict are as below.

- 1. **VPC quota limit:** Ensure that your resource usage remains within the VPC quota limit. Refer to the <u>AWS documentation</u> for further details.
- 2. **Network segment conflict:** Please verify that the designated network segment is not already in use.

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	Select your domain If there is no domain to select from, please refer to the "Prerequisite" section
Input your subdomain name for digiRunner, e.g. (subdomain) yourdomain.com api	Fill in your subdomain
:::::: Password for digiRunner login :::::: Password	If the subdomain is <i>api</i> , the digiRunner URL is <i>api.yourdomain</i>
Must be 8 to 12 characters and include upper and lower case letters, numbers, and special characters( @#\$!%*?& ).	Fill in your digiRunner login password
:::::: Create VPC & Subnet :::::: new VPC CIDR	Must be 8~12 characters including uppercase and lowercase letters, numbers, and special characters (@#\$!%*?&)
10.184.0.0/16	Fill in the network segment of the new VPC
Public_Subnet_1 CIDR CIDR Block for the first public subnet (e.g., 10.184.1.0/16)	
10.184.0.0/20 Public_Subnet_2 CIDR CIDR Block for the second public subnet (e.g., 10.184.2.0/16)	Fill in "Public subnet 1" in the new VPC
10.184.16.0/20	Fill in "Public subnet 2" in the new VPC
Private_Subnet_1 CIDR	
10.184.32.0/20	Fill in "Private subnet 1" in the new VPC
Private_Subnet_2 CIDR CIDR Block for the second private subnet (e.g., 10.184.4.0/16)	
10.184.48.0/20	Fill in "Private subnet 2" in the new VPC
:::::: Test / Production ::::::	Select mode from <b>Test / Production</b>
Install for [Test / Production ] Environment The Test Environment will use cheaper machine instance type. Select String	Test mode will be installed with minimal resources and is not intended for official use.

## 3.3. Installation Permissions

The AWS account or IAM role performing the installation **must be granted** <u>the least-privilege</u> **permissions required for digiRunner**.



# 3.4. Installation Process

_											
	⊡ S	itacks (17)	c	lgR				© ×			
	Q. Filter by stack name						Delete Update Stack a	ctions 🔻 Create stack 🔻			
	Filter	status									
	Activ	ve 🔻 💽 View nested		Stack IIIIO Events Resources	Outputs Parameters	remptate	change sets Git sync - new				
		< 1 >		Events (46)				Detect root cause C			
		Stacks									
		CREATE_COMPLETE		Q Search events				•			
		NESTED dgR-IAM-I8DWH8XUZW5T		Timestamp v	Logical ID		Status	Status reason			
	0	2024-02-04 08:09:22 UTC+0800		2024-02-04 08:14:05 UTC+0800	EventECS		⊘ CREATE_COMPLETE				
				2024-02-04 08:13:25 UTC+0800	ALB		CREATE_IN_PROGRESS	Resource creation Initiated			
		dgR- ECScluster-1HMQKUBIXH24H    2024-02-04 08:09:22 UTC+0800		2024-02-04 08:13:24 UTC+0800	ALB		CREATE_IN_PROGRESS	-			
N	0			2024-02-04 08:13:24 UTC+0800	ACM		O CREATE_COMPLETE	-			
Nested-stacks		CREATE_COMPLETE		2024-02-04 08:13:05 UTC+0800	RDS		CREATE_IN_PROGRESS	Resource creation Initiated			
		NESTED dgR-LambdaLayer-		2024-02-04 08:13:04 UTC+0800	RDS		CREATE_IN_PROGRESS				
	0	RXYFLMXEECEP 2024-02-04 08:09:22 UTC+0800		2024-02-04 08:13:03 UTC+0800	Security		⊘ CREATE_COMPLETE				
		O CREATE_COMPLETE		2024-02-04 08:12:56 UTC+0800	TaskDefine		O CREATE_COMPLETE	-			
		NESTED dgR-VPC-11XR7D69OMDVG		2024-02-04 08:12:09 UTC+0800	TaskDefine		CREATE_IN_PROGRESS	Resource creation Initiated			
	0	2024-02-04 08:09:22 UTC+0800		2024-02-04 08:12:09 UTC+0800	TaskDefine		CREATE_IN_PROGRESS	-			
		O CREATE_COMPLETE		2024-02-04 08:12:08 UTC+0800	EFS		⊘ CREATE_COMPLETE	-			
Deat steel(	_	dgR		2024-02-04 08:12:02 UTC+0800	Security		CREATE_IN_PROGRESS	Resource creation Initiated			
	Ŭ	CREATE_IN_PROGRESS		2024-02-04 08:12:01 UTC+0800	Security		CREATE_IN_PROGRESS	-			
				2024-02-04 08:12:00 UTC+0800	Network		⊘ CREATE_COMPLETE	-			

Installation details, such as progress updates and the installation status, will be displayed in this section.

### 3.5. Completing Installation

The estimated installation times are as follows:

- **digiRunner Lite**: about 25 minutes
- digiRunner Lite (High Availability): about 35 minutes
- digiRunner Enterprise: about 35 minutes
- **digiRunner Enterprise (High Availability)**: about 45 minutes

**NOTE:** Actual installation time may vary depending on the AWS cloud infrastructure environment. **Installation time could be longer than estimated if the AWS environment is unstable.** 

- 1. When the root stack shows 'CREATE\_COMPLETE', indicating the installation is complete.
- 2. Click on **Outputs**.
- 3. Locate digiRunner Console URL, and click on the URL to log in.

⊡ S	Filter by stack name		dgR	2 Delete Updat	⊗ × E Stack actions ▼ Create stack ▼
Filter Activ	status ve  View nested		Stack info Events	Resources Outputs Parameters Template Change sets	Git sync - new
	Stacks		Outputs (6)		C
	⊘ CREATE_COMPLETE		Q Search outputs		< 1 > ©
	NESTED		Key 🔺	Value 🗢	Description $\bigtriangledown$
0	2024-03-19 14:41:30 UTC+0800		digiRunnerConsole	https://api.yourdomain.com/dgrv4/ac4/login 🚽 3	URL to access digiRunner Console.
			digiRunnerUserName	manager	Username to login digiRunner Console.
0	NESTED dgR-VPC-1GDF46MBE0BH4 2024-03-19 14:40:55 UTC+0800	П	digiRunnerUserPassword		If you forget it, go to AWS Systems Manager Parameter Store to see the "/dgr/password/ ac_username_manager" parameter value.
	NESTED dgR-IAM-1NG2DBZ7TF2BX		UserManual	https://marketplace-digirunners3.ap-northeast-1.amazonaws.com/doc/ digiRunner_v4_User_Manual_v3.1.1_EN.pdf	digiRunner User Manual.
0	2024-03-19 14:40:55 UTC+0800		UserManualComposer	https://marketplace-digirunners3.ap-northeast-1.amazonaws.com/doc/ digiRunner_v4_Composer_Manual_v2.0.1_EN.pdf	digiRunner API Composer Operation Manual.
	NESTED dgR- LambdaLaver-983ANL8TL6O8		UserManualScenarios	https://marketplace-digirunner.s3.ap-northeast-1.amazonaws.com/doc/ digiRunner_v4_Scenarios_Manual_v4.03_EN.pdf	digiRunner API Management Scenarios Manual.
0	2024-03-19 14:40:55 UTC+0800				
o	dgR 2024-03-19 14:40:51 UTC+0800 ⊘ CREATE_COMPLETE	_	1		

#### 4. Refer to the table for digiRunner operation instructions.

Manual Title	Кеу	Link
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_Ma nual_v2.0.1_EN.pdf
digiRunner Scenarios Manual	UserManualScenarios	https://marketplace-digirunner.s3.ap-northeast- 1.amazonaws.com/doc/digiRunner_v4_Scenarios_Ma nual_v4.03_EN.pdf



If you forget the password, go to AWS Systems Manager > Parameter Store > /dgr/password/ac\_username\_manager. Under the Overview tab, find the Value field for the password, and toggle the switch to Show the decrypted value.

AWS Systems × Manager	AWS Systems Manager > Parameter Store > /dgr/password/ac_username_mana /dgr/password/ac_username_manager	ger > Overview
Quick Setup	Overview History Tags	
Operations Management     Explorer	Parameter details	
OpsCenter CloudWatch Dashboard Incident Manager ▼ Application Management Application Manager New AppConfig Parameter Store	Name /dgr/password/ac_username_manager ARN	Description - Data type text Last modified user arr:aws:sts::828564612961:assumed-role/TPI-dgR-IAM-1NG2DBZ7TF2BX-Lambda/ TPI-RandomPass-dgR-Security-12XPIHJFVOY59 Last modified date Trais 10Mar 2024 05(46244 CMT)
▼ Change Management Change Manager Automation New Change Calendar Maintenance Windows	SecureString Value O Show decrypted value	Version 1

· · · · · · • • • • • •

#### 3. Click on About to view the version number of digiRunner.

<ul> <li>Ac User Management</li> <li>About digiRunner</li> <li>Development Mode</li> <li>Client Management</li> <li>Apli Management</li> <li>Monitor &amp; Alert</li> <li>Reports</li> <li>Certificate Management</li> <li>Application Forms</li> <li>Application Forms</li> <li>System Configs</li> </ul>	<b>a digiRunner</b>		🝈 29 : 38 🚺 Hi, Manager 👻
No         Development Mode         C Log out           No         C Lint Management         C Ling Value           No         A PI Management         C Ling Value           No         Monitor & Alert         C Ling Value           No         Monitor & Alert         C Ling Value           Reports         Value         Value           Yersion: Y40.04.91.         C Ling Yalue           Application Forms         Account : AWSmarket           System Information         System Configs	AC User Management	About digiRunner	<ul><li>Profile</li><li>About</li></ul>
	<ul> <li>AC User Management</li> <li>Development Mode</li> <li>Client Management</li> <li>API Management</li> <li>Monitor &amp; Alert</li> <li>Reports</li> <li>Certificate Management</li> <li>Application Forms</li> <li>System Information</li> <li>System Configs</li> </ul>	About digiRunner <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>iii</b> <b>ii</b> <b>ii</b> <b>ii</b> <b>ii</b> <b>ii</b> <b>ii</b> <b>ii</b> <b>ii</b> <b>ii</b> <b>ii</b> <b>ii</b> <b>ii</b> <b>ii</b> <b>i</b>	U About U Log out

4. If the **High Availability** solutions are installed, multiple **Containers** will be displayed on the **digiRunner Server** page; otherwise, only one Container will be shown.

So digiRunner		_				02	19 : 00 <b>(</b> Hi, Manager •
AC User Management	digiRunner S	erver					
🖏 Development Mode	Summary				Audit ( Last 7 days	\$)	
e{☐ Client Management	Users	1/0/0 (enabled / disabled /	locked)		Login	2/1 (Success / Fail)	
API Management	Roles	1			User	0/3/0 (Create / Update / Delete)	
Monitor & Alert	Clients	1/0/0 (enabled / disabled )	locked)		Role	0/0/0 (Create / Update / Delete)	
	Groups	1			Client	1/0/0 (Create / Update / Delete)	
digiRunner Server	Register APIs	<b>0 / 0</b> (on / off)			Group	0/0/0 (Create / Update / Delete)	
Alert Settings	Composer APIs	1/0 (on / off)			Register API	0/0/0 (Create / Update / Delete)	
Pilot oottingo					Composer API	2/2/0 (Create / Update / Delete)	
Reports							
💭 Certificate Management	Running Node:						
Application Forms	gateway-2ATP		gateway-x7ON				
Q System Information	Foreign IP	10.184.54.237	Foreign IP	127.0.0.	1		
දිරු System Configs	Foreign port	44426	Foreign port	46560			
	Keeper Server IP	keeper.digirunner.tpisoftware	Keeper Server IP	127.0.0.	1		
	Keeper Server Port	8445	Keeper Server Port	8445			
	Rcd Cache Size	2	Rcd Cache Size	0			
	Dao Cache Size	36	Dao Cache Size	8			
	Fix Cache Size	0	Fix Cache Size	0			
	Web local IP	10.184.54.237 (ip-10-184-54- 237.ap-northeast-	Web local IP	127.0.0.	1 (localhost)		

# 5. digiRunner Reports and Architecture

# 5.1. digiRunner Reports

# 5.1.1. Basic Reports

digiRunner Lite and digiRunner Lite (High Availability) provide basic reports.



# 5.1.2. Detailed Reports

**digiRunner Enterprise** and **digiRunner Enterprise (High Availability)** provide detailed reports.



# 5.2. digiRunner Architecture

### 5.2.1. Architecture - digiRunner Lite

1. Architecture



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. Architecture - digiRunner Lite (High Availability)

1. Architecture



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 (Muilti-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/



1. Architecture



Resource	Resource Full Name	Pricing		
VPC	Virtual Private Cloud - NAT gateway <u>https://aws.amazon.com/vpc/pricing/</u>			
Route 53	Route 53	https://aws.amazon.com/route53/pricing/		
Cloud Map	Cloud Map <u>https://aws.amazon.com/cloud-map/pricing/</u>			
ECS	Elastic Container Service – Fargate <u>https://aws.amazon.com/fargate/pricing/</u>			
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. Architecture - digiRunner Enterprise (High Availability)

1. Architecture



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 (Muilti-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/	

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# 6. Uninstallation

- 1. To uninstall digiRunner, click on the root stack.
- 2. Click on **Delete** to complete the uninstallation.

⊡ <b>S</b> i Q F	tacks (19) C		dgR	2> Delete Updat	⊗ X e Stack actions ▼ Create stack ▼
Filter status           Active         View nested			Stack info Events F	Resources Outputs Parameters Template Change sets	Git sync - new
Stacks			Outputs (6)		C
	⊘ CREATE_COMPLETE		Q Search outputs		< 1 > @
	NESTED		Key 🔺	Value 🗸	Description $\bigtriangledown$
0	2024-03-19 14:41:30 UTC+0800		digiRunnerConsole	https://api.yourdomain.com/dgrv4/ac4/login	URL to access digiRunner Console.
	⊘ CREATE_COMPLETE		digiRunnerUserName	manager	Username to login digiRunner Console.
0	NESTED dgR-VPC-1GDF46MBE0BH4 2024-03-19 14:40:55 UTC+0800	П	digiRunnerUserPassword	*****	If you forget it, go to AWS Systems Manager Parameter Store to see the "/dgr/password/ ac_username_manager" parameter value.
0	NestBd         dgR-IAM-1NG2DBZ7TF2BX           2024-03-19         14:40:55           UCCERATE_COMPLETE         UCCERATE_COMPLETE		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_y4_Composer_Manual_y2.0.1_EN.pdf	digiRunner API Composer Operation Manual.
	NESTED dgR- Lambdal aver-9834NI 8TI 6O8		UserManualScenarios	https://marketplace-digirunner.s3.ap-northeast-1.amazonaws.com/doc/ digiRunner_v4_Scenarios_Manual_v4.03_EN.pdf	digiRunner API Management Scenarios Manual.
0	2024-03-19 14:40:55 UTC+0800				
	⊘ CREATE_COMPLETE				
o	dgR 2024-03-19 14:40:51 UTC+0800	-	1		

# 7. Troubleshooting

If you had trouble installing the product, please uninstall first and refer to the following instructions to troubleshoot:

- 1. Ensure that at least one domain is registered or hosted on Route 53.
- 2. Ensure that the installation is performed using an AWS account with appropriate permissions (an Admin account is required).
- 3. Check if the VPC resource environment has reached its limit, such as the maximum number of VPCs being five or other restrictions. Refer to the <u>AWS documentation</u> for further details.
- 4. Confirm that the set password complies with the rules: Must be 8 to 12 characters and include upper and lower case letters, numbers, and special characters (@#\$!%\*?&).
- 5. Ensure there are no conflicts between the configured subnet and existing subnets.
- 6. Ensure that all data entered during the installation process is accurately selected and filled out.
- 7. If the above issues have been ruled out, it may be an AWS system anomaly. Please try reinstalling.

# Appendix

- Technical Support Email: <u>eapdd\_aws@tpisoftware.com</u>
- Contact Sales Email: <u>service@tpisoftware.com</u>