



Getting Started Guide: Barracuda CloudGen Firewall Solution

The **Barracuda CloudGen Firewall solution** found in the AWS Marketplace and offers the following key benefits:

- Secure office-to-cloud connectivity and Secure remote access through a state-of-the-art VPN engine
- Granular traffic control and visibility
- Cloud network segmentation
- Comprehensive Threat Protection with an Integrated IPS
 engine

💐 aws marketplace

Part 1

Step 1

Locate the Barracuda CloudGen Firewall solution in the AWS Marketplace and select the **Continue to Subscribe** button.

Categories - Delivery Methods - Solutions -	Migration Mapping Assistant Your Saved List			Partners Sell in AWS Mark
	Barracuda Barracuda	acuda CloudGen Firewall for A racuda Networks, Inc. Latest Version: 8.0.0-0475 da CloudGen Firewall for AVS brings network secur remote VPCs, datacentres, offices and mobile work more Unix chocks (0)	WS - Metered	Save to List
	Overview	Pricing Usage	Support	Reviews
	Product Overview * NOTE: AMIs for version 7.2.2 or low require support for Elastic Network, accelerated networking such as 6.4. The Barracuda CloudGen Firewall is engineered for rapid deployment and dynamic, and security-critical network Competency certified solution; it all secure office-to-doud connectivity, Barracuda CloudGen Firewall also en Beyond its powerful network freewant Firewall integrates an actorive set including comprehensive application optimization across the wide area non- access control enforcement.	wer do not support instance types that Adapters (ENA). Use instances with arge instead. The approse-built Cloud Generation Firewall do genation within dispersed, highly ris environments on MVS. As an AWS Security owas customers to offer secure remote access, and cloud network segmentation. The tables branch office direct internet schemes. II, IPS, and VPM technologies of next-generation frevall technologies o next-generation frevall technologies custod, availability, and traffic flow etwork, web filtering, antivirus, and network	Highlights • Secure Remote Access: Bulk-in state-of-the engine combines multiple remote access an technologies to offer optimized and secure. Cload resources for office and mobile users type of device. • Granular Traffic Control and Visibility: Enter firewalling allows segmentation and full vis metwork traffic within VPC and between to based on application, state or dynamic port identity and many others. • Comprehensive Timate Protection: Integrate engine provides complete and comprehensi network protection against a brand range o	art VPN J WAN opt access to xing any prine-grade bility of bility of bility of bility of bility of bility of d IPS d IPS the real-time fraktorik
	Version	8.0.0-0475-20190107 Show other versions	threats.	
	Ву	Barracuda Networks, Inc.		
	Categories	Network Infrastructure		

Step 2 Next, **accept** the EULA (End User License Agreement).

Subscribe to this s	oftware	
To create a subscription, review the	e pricing information and accept the terms for this software.	
Terms and Conditions		
Barracuda Networks, Inc. Offe	er	
AWS services is subject to the AWS Co This table shows pricing information each component.	astomer Agreement	
Barracuda CloudGen Firewall for AWS - Metered	Additional taxes or fees may apply.	
	Barracuda cloudsen Firewait for AWS - Metered Unit Type /MB Total traffic received, sent	
	and processed by the \$0.016 appliance	

💐 aws marketplace

Step 3 Next, select the **Continue to Configuration** button at the top-right.

place Methods - Solutions -	Migration Mapping Assistant Your Saved List				Partn	ers Sell in AWS Marketo
	Barracuda Barracuda Cloud	Gen Firewall	for AWS - Met	ered	Continue to Configuration	
	Thank you for subscribing to this product! You can n	ow configure your soft	ware.		×	
	< Product Detail <u>Subscribe</u>					-
	Subscribe to this softwar	e				
	You are already subscribed to this product. Plea- above to configure your software.	se see the terms and	l pricing details below	w or click the button		
	Terms and Conditions					
	Barracuda Networks, Inc. Offer					
	Product	Effective Date	Expiration Date	Action		
	Barracuda CloudGen Firewall for AWS - Metered	5/13/2019	N/A	✓ Show Details		

Step 4Next, you will select the AMI, software version, and region that you wish to
use and click the Continue to Launch button.

Barracuda Barracuda CloudGen Firewall for AWS - Metered	Continue to Launch
<pre><product <u="" detail="" subscribe="">Configure</product></pre>	
CONTIGUTE THIS SOLWARE Choose a fulfillment option below to select how you wish to deploy the software, then enter the information required to configure the deployment.	Pricing information This is an estimate of typical software and infrastructure costs based on your
Fulfillment Option 64-bit (x86) Amazon Machine Image (AMI)	Comparation for activation of the set of the
Software Version 8.0.0-0475-20190107 (Jan 17 *	Infrastructure Pricing EC2: 1 * C5.large Monthly Estimate: \$61.00/month
Region Amild: ami-0c4552c1ddbb58897	

Step 5Next, select to either Launch through an EC2 instance or to Copy to the
Service Catalog. In this example, we will select the Launch through EC2 option
and click the Launch button.

Barracuda	Barracuda CloudGen Firewall for AWS - Metered
< Product Detail Sub Launch thi	oribe Configure <u>Launch</u> S SOftware
Review your configu	ration and choose how you wish to launch the software.
Configuration De	tails
Fulfillment Option	64-bit (x86) Amazon Machine Image (AMI) Barracuda CloudGen Firewall for AWS - Metered running on cSlarge
Software Version	8.0.0-0475-20190107
Region Usage Instruc	US East (N. Virginia) Cons
Choose Action Launch through I	C2 Choose this action to launch your configuration through the Amazon EC2 console.
	Launch

Step 6Next, you will be asked to select an Instance Type. By default, the lowestmemory amount and eligible type will be selected for you.

1. Choose	AMI 2. Choose Instance Type 3	Configure Instance 4. Add Stora	age 5. Add Tags 6. Configu	ire Security Group 7. Review			
Step 2 Amazon E or your ap	2: Choose an Instance EC2 provides a wide selection of instan pplications. Learn more about instance All instance types Cur	Type nee types optimized to fit different te types and how they can meet y rent generation Show/H	t use cases. Instances are virtua your computing needs. Iide Columns	I servers that can run applications	They have varying combinations of CPU, m	emory, storage, and networking capacity, and	I give you the flexibility to
Current	ly selected: t2.small (Variable ECUs,	1 vCPUs, 2.5 GHz, Intel Xeon Fa	amily, 2 GiB memory, EBS only)				
	Family	- Туре -	vCPUs (i) -	Memory (GiB) ~	Instance Storage (GB) (i) -	EBS-Optimized Available (i) +	Network Perform
0	General purpose	t2.nano	1	0.5	EBS only		Low to Mod
0	General purpose	t2.micro Free tier eligible	1	1	EBS only		Low to Mod
	General purpose	t2.small	1	2	EBS only		Low to Mod
	General purpose	t2.medium	2	4	EBS only		Low to Mod
	General purpose	t2.large	2	8	EBS only	-	Low to Mod
	General purpose	t2.xlarge	4	16	EBS only		Modera
					500 h		h de sterre





Step 8Next, you can add storage, add tags, and configure the security group. In this example, we
will just select the Review and Launch button and move to the review page.



ige. Your t	bill will be determined by the use of	of the unit that you specified above.			
and agre	e that your use of this software is	subject to the pricing terms and the seller's	5		
					Edit ins
	Instance Storage (GB)	EBS-Optimized Available	Network Performance		
	EBS only	-	Low to Moderate		
					Edit secu
at a set of o	-0-0475-20190107-AutogenByAV ace and is based on recommende	VSMP- ed settings for Barracuda CloudGen Firewa	II for AWS - Metered version 8.0.0-0475-2019	0107 provided by Barracuda Networks, Inc.	
Marketpla					
Marketpla	Port Range (j)	Source (i)	Description (j)		

Step 10 Next, select your key pair and launch the instance.

Note: It may take 5-7 minutes for your new EC2 instance to launch and complete all status checks. You can view your running instances under the EC2 dashboard in your AWS account.

6

Part 1 Complete

Part 2: Enabling Integrated IPS Engine Steps 1-2 of 4

Enabling the Integrated IPS Engine in the Barracuda CloudGen Firewall Solution.

Step 1	Once you have set up and launched your instance by using https:// and then the Public
1	DNS address of the instance, you will be taken to a login screen.
	The initial username is root and the initial password is the EC2 instance ID .
	You will be prompted to change the password and then log back in.

Ma Barracuda CloudGen Firewall
CloudGen Firewall
Please enter your administrator login and password.
root
Password
Sign in

Step 2 Next, you will be taken to the Barracuda CloudGen Firewall solution main dashboard screen.

BASIC NETWORK FIREW Status Active Connections Recent C	ALL VPN USERS Connections Application Monitor Warning: Please add th	Recent Threats	ACED ATP User Activity Alerts Admin on the BASIC > Administration Pag	Search help topics Q stration Online Help Search 0. O
Freed Statistics	Last Minute • •	Help	Performance Statistics Uptime: Connections: Data Throughput: Packet Throughput: System Load: Data Storage: Data Storage: Services	Image: Constraint of the second sec
Type Blocked Connections Allowed Connections	Hour 0 896	Day 5 2009	Application Control: URL Filter Service: Virus Scanner: Advanced Threat Protection: Mail Security: Control:	Enalved Disabled (Not licensed) Disabled (Not licensed) Disabled Enabled
Diocke Applications Allowed Applications Throughput (MBytes) Security Subscription Status Enemize Linutates:	0 1173 41.44	2369 50.56	SSL Interception: VPN: SSL VPN: Guest Access: High Availability:	Disabled Disabled Disabled Disabled Oisabled

Step 3 Next, click the **Firewall** tab at the top and select **Intrusion Prevention.**

BASIC Access Rules NAT Tables	Application Rule	FIREWALL Network Objects Schedule Objects	Application Objects Intrusion Preventio	URL Filter Service Policy C Captive Portal	bjects Service Object Settings	search help topics s Connection Objects Traffic Shaping	
Intrusion P	Prevention					Reset To	Defaults
HTML Ins	spection:	Yes HTML Inspection Report of the second se	No No scans for malicious HTM Deforce Enforce	IL code. This option may decreas	e the system's performance.	Default: No	
Event Pol	PS Policy: licy:	Action to take u	when IPS finds a vulnerabil	ty. Report mode logs the occurre	nce, while Enforce mode blo	sks the traffic. Default: Report mode	
Default IF	PS Policy: licy: Critical	Action to take w	when IPS finds a vulnerabili Medium	ty: Report mode logs the occurre	nce, while Enforce mode blow	sks the traffic. Default: Report mode	
Default IF Event Pol Action	PS Policy: licy: Critical Drop	Action to take	Medium	Indee ty: Report mode logs the occurre Low Infor Log Only None	nce, while Enforce mode blow mation	ks the traffic. Default: Report mode	

Step 4 Select the **Yes** radio button to enable intrusion prevention and click the **Save** button.



Thank you.

For more information, visit https://amzn.to/2OB9T9X

