

边缘ADC部署指南

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这份文件涵盖了EdgeADC在Microsoft Azure环境下的初始化。

Azure中的许可方法

在Azure中,有两种方法来许可EdgeADC。

蔚蓝定时许可证

这种许可和部署方法使用Azure的基于时间的许可和收费。你将按小时对EdgeADC的使用进行收费。使用这种许可模式时,有几种尺寸的EdgeADC可供选择。

- 500 Mbps 允许最大吞吐量为500 Mbps。
- 1 Gbps 允许最大吞吐量为1 Gbps。
- 3 Gbps 允许最大吞吐量为3 Gbps。
- 10 Gbps 允许最大吞吐量为10 Gbps。
- 无限 允许无限制的吞吐量,没有最大值。

自带许可证 (BYOL)

该产品的BYOL许可证版本允许你从经销商伙伴那里购买许可证,并在Azure部署的EdgeADC中使用这些许可证。这种高度灵活的方法意味着你可以在任何环境中使用该许可证,如果你希望在未来的某一天从Azure 系统中转移。它还允许使用Edgenexus公司提供的永久和SaaS许可证。该许可证可以是以下类型之一。

- 永久的
 - 。 300 Mbps 允许最大吞吐量为300 Mbps。
 - o 1 Gbps 允许最大吞吐量为1 Gbps。
 - o 3 Gbps 允许最大吞吐量为3 Gbps。
 - 。 6Gbps 允许最大吞吐量为6Gbps。
 - o 无限-允许无限的吞吐量,没有最大值。
- SaaS年度合同
 - 。 300 Mbps 允许最大吞吐量为300 Mbps。
 - o 1 Gbps 允许最大吞吐量为1 Gbps。
 - o 3 Gbps 允许最大吞吐量为3 Gbps。
 - o 6Gbps 允许最大吞吐量为6Gbps。
 - o 无限-允许无限制的吞吐量,没有最大值。

许可证是使用EdgeADC的界面安装的,位于*系统>许可*。

部署EdgeADC Azure设备

请按照以下步骤在Azure上部署EdgeADC。

1. 第一步是访问你的Azure门户和Azure市场。你应该看到与下面的图片类似的东西。

≡ Microsoft Azure	P Search resources, services	ces, and docs (G+/)			5 6 0 0 R	
Home > Marketplace						×
Get Started	 O Search the Marketolane 			All Y Dublisher Tune - All Y	Product Type : All X Publici	er name : All
Service Providers	- Search the marketplace		opening system	Contract of the set of	Product type . All X Proble	ALL DECK ALL ALL
Management	Managed Services					
Private Marketplace		2	Data*3	3		
My Marketplace	Aumatics Azure Managed Services	VIAcode Managed Services for Azure	Data#3 Azure Managed Services	Cloudeteer CLOUD.OPS Managed Service	Ingram Micro MSP	
	Aumatics	VIAcode	Data#3 Limited	Cloudeteer	Ingram Micro	
Favorites	Managed Services	Managed Services	Managed Services	Managed Services	Managed Services	
Recently created Private products	Managed Services for your Azure Tenant	Extend your IT team with VIAcode Managed Services for Azure to improve your IT processes	This Cloud Management solution combines the Azure Optimiser cloud portal with Azure Managed Services	Azure Site Reliability Managed Cloud Service offering for a modern Multi Cloud Operations.	Ingram Micro MSP Managed Services	
Categories						
AI + Machine Learning	Create 🗸 🛇	Create 🗸 🛇	Create 🗸 🛇	Create 🗸 🛇	Create 🗸 🛇	
Analytics						
Blockchain	AI + Machine Learning					See More
Compute	4	0		1		
Containers	Machine Learning	Computer Vision	Face	Language service		
Databases	Microsoft	Microsoft	Microsoft	Microsoft		
DevOps	Azure Service	Azure Service	Azure Service	Azure Service		
Developer Tools	Enterprise-grade machine learning to build and deploy models faster	An Al service that analyzes content in images	An Al service that analyzes faces in images	Build apps with industry-leading natural language understanding		
IT & Management Tools	-			capabilities without machine learning expertise.		Is Marketplace helpful?

2. 搜索Edgenexus并选择该选项。Edgenexus EdgeADC - Azure的高级负载平衡器。

×

3. 你将看到的下一个屏幕是EdgeADC产品页面。

P Edger	exus EdgeADC - Advanced Load Balancer for Azure X Pricing : All X Operating System : All X Publisher Type : All X Product Type : All X Publisher name : All	×
Showing	results for 'Edgenexus EdgeADC - Advanced Load Balancer for Azure'.	\equiv List view \lor
Showing 1	to 1 of 1 results.	
Ē	Edgenexus EdgeADC - Advanced Load Balancer for Azure edgeNEXUS Free trial	
	Virtual Machine Easy to use -Load balancer/ADC, SSL offload, Caching, Acceleration, Traffic Management and App Store	
	Starts at £0.15/hour	
	Plan 3G Application Load Balancer / ADC 🗸 Create 🛇	

4. 现在你可以从*计划*菜单内的选项中选择许可证类型,然后点击创建按钮,初始化设备的创建。

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5. 一旦你点击 "创建 "按钮,你将被带到下一系列的设置,从 "创建虚拟机 "部分的 "基本 "开始。见下文。

EdgeADC Deployment Guide

Create a	a virtual ma	chine					
Basics Dis	sks Networking	Management Advanced Tags Review + create					
Create a virtu image. Comp for full custon	al machine that runs lete the Basics tab th nization. Learn more	Linux or Windows. Select an image from Azure marketplace or use your own customized en Review + create to provision a virtual machine with default parameters or review each ta ♂	ab				
Project deta	ils						
Select the sub your resource	oscription to manage es.	deployed resources and costs. Use resource groups like folders to organize and manage al	II				
Subscription *	* (i)	Edgenexus Azure	\checkmark				
Resou	irce group * 🛈	(New) JayTest_group_04191357 Create new	\checkmark				
Instance det	ails						
Virtual machii	ne name * 🕠 🛛 🗧	JayTest	\checkmark				
Region * 🛈		(US) East US	\checkmark				
Availability op	otions (i)	No infrastructure redundancy required	No infrastructure redundancy required \checkmark				
Security type	(i)	Standard	Standard V				
lmage * 🛈		E BYOL Application Load Balancer / ADC - Gen1	E BYOL Application Load Balancer / ADC - Gen1				
		See all images Configure VM generation					
Azure Spot in	stance (i)						
Size * 🛈		Basic_A2 - 2 vcpus, 3.5 GiB memory (\$57.67/month) See all sizes	\checkmark				
Administrate	or account						
Authenticatio	n type (i)	SSH public key					
	51 0	Password					
Username *	í) –	azureuser	\checkmark				
Password * (1 –		\checkmark				
Confirm pass	word * 🛈 🛛 💻		\checkmark				
Review + c	reate	< Previous Next : Disks >					

- 6. 按照要求填写字段。我们建议你将*大小*字段设置为Basic_A2,其中包括2个vCPU和3.5Gb的内存。
- 7. 一定要记住,EdgeADC在Azure中的管理登录名是azureuser,而不是普通的用户名admin。请不要改变这个用 户名。
- 8. 请同时选择认证类型为密码,并使用一个符合要求的密码。
- 9. 现在点击 "下一步"。在该部分的底部点击 "磁盘 "按钮。你将看到的页面如下所示。

EdgeADC Deployment Guide

Microsoft Azure	, ∞ Search resources, services, and docs (G+/)
me > Edgenexus EdgeADC - Ac	dvanced Load Balancer for Azure >
reate a virtual mac	chine
asics Disks Networking	Management Advanced Tags Review + create
zure VMs have one operating syste he size of the VM determines the t	em disk and a temporary disk for short-term storage. You can attach additional data disks. ype of storage you can use and the number of data disks allowed. Learn more 😅
Disk options	
)S disk type * 🕕	Standard SSD (locally-redundant storage)
elete with VM ①	
ncryption at host ①	
Encryption at host is not register	ered for the selected subscription. Learn more about enabling this feature \mathcal{O}
ncryption type *	(Default) Encryption at-rest with a platform-managed key $\qquad \checkmark$
nable Ultra Disk compatibility 🔘	Ultra disk is not supported for the selected VM size Basic_A2 in East US.
ata disks for Jaytest	
ou can add and configure additiona emporary disk.	al data disks for your virtual machine or attach existing disks. This VM also comes with a
LUN Name	Size (GiB) Disk type Host caching Delete with VM ①
reate and attach a new disk At	ttach an existing disk
Review + create	< Previous Next : Networking >

10. 操作系统磁盘类型^束单让你可以选择改变使用的存储介质类型。我们在默认情况下预选了标准固态硬盘,但你可能希望改变这一点。

Locally-redundant storage (data is replicated within a single datacenter)
Premium SSD
Best for production and performance sensitive workloads
Standard SSD
Best for web servers, lightly used enterprise applications and dev/test
Standard HDD
Best for backup, non-critical, and infrequent access

所有其他领域可以保持原样。

11. 下一节是网络。

\equiv Microsoft Azure	𝒫 Search resources, services, and docs (G+/)	
Home > Edgenexus EdgeADC - Adva	anced Load Balancer for Azure >	
Create a virtual mach	ine ···	\times
Basics Disks Networking	Management Advanced Tags Review + create	
Define network connectivity for your vi inbound and outbound connectivity wi Learn more 🗗	rtual machine by configuring network interface card (NC) settings. You can control ports, ith security group rules, or place behind an existing load balancing solution.	
Network interface		
When creating a virtual machine, a net	work interface will be created for you.	
Virtual network * 🕕	(new) Jaytest_group-vnet	
	Create new	
Subnet * 🛈	(new) default (10.0.0/24)	
Public IP 🛈	(new) Jaytest-ip	
NIC natwork security aroun	O None	
the network secanty group ()	Basic	
	Advanced	
	This VM image has preconfigured NSG rules	
Configure network security group *	(new) Jaytest-risg V Create new	
Delete public IP and NIC when VM is deleted ③		
Review + create < P	Yrevious Next : Management >	
https://go.microsoft.com/fwlink/?linkid=2033964&clcid=0	5409	

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12. 在这个页面上没有真正的必要去改变什么,但你会注意到它可以为你提供一个新的IP地址,用于访问EdgeADC 的管理界面。点击公共IP字段下的 "创建新的 "链接来做这件事。

Public IP ①	(new) JayTest-ip	\sim
	Create new	

13. 一旦点击,你可以选择公共IP地址的规格。我们建议你将该IP地址设为静态地址。

Create public IP address	\times
Name *	
JayTest-ip	\checkmark
SKU * ① Basic Standard	
Assignment Dynamic Static	

14. 下一个部分是管理,如下图所示。在这个页面上不需要改变任何东西。

Create a virtual mac	nine	×
Basics Disks Networking	Management Advanced Tags Review + create	
Configure monitoring and managem	nt options for your VM.	
Azure Security Center		
Azure Security Center provides unifie Learn more 😅	d security management and advanced threat protection across hybrid cloud workloads.	
Your subscription is protected by	Azure Security Center basic plan.	
Monitoring		
Boot diagnostics ①	Enable with managed storage account (recommended) Enable with custom storage account Disable	
Enable OS guest diagnostics ①		
Identity		
System assigned managed identity (
Azure AD		
Login with Azure AD 💿		
A This image does not support Log	in with Azure AD.	
Review + create	Previous Next : Advanced >	
crossilt com/halink/?Linktd=2027915		

15. 管理 "之后的部分是 "高级"。同样,不需要在这个页面上改变任何东西。

EdgeADC Deployment Guide

Iome > Edgenexus EdgeADC - Advanced Load Balancer for Azure > Create a virtual machine …	×
Basics Disks Networking Management Advanced Tags Review + create	
Add additional configuration, agents, scripts or applications via virtual machine extensions or cloud-init.	
Extensions	
Extensions provide post-deployment configuration and automation.	
Extensions ① Select an extension to install	
VM applications (preview) VM applications contain application files that are securely and reliably downloaded on your VM after deployment. In addition to the application files, an install and uninstall script are included in the application. You can easily add or remove applications on your VM after create. Learn more of	
Select a VM application to install Custom data	
Pass a script, configuration file, or other data into the virtual machine while it is being provisioned. The data will be saved on the VM in a known location. Learn more about custom data for VMs G ⁴	
Custom data	
Review + create < Previous Next: Tags >	

- 16. *审查和创建*之前的最后一页是*标签*。如果你想给你的ADC VM添加标签,你可以在这里做。
- 17. 最后,你可以在最后的审查和创建阶段审查和创建ADC。

Basics	Disks	Networking	Management	Advanced	Tags	Review + create
TERMS						
above; (t same bill informat provide i	 authoriz authoriz freque ion with the rights for the 	e Microsoft to bil ency as my Azure ne provider(s) of t third-party offerin	I my current payme subscription; and (the offering(s) for si igs. See Azure Mark	ent method for c) agree that M upport, billing a cetplace Terms	the fees a licrosoft m and other for addition	associated with the offering(s), if any, with th hay share my contact, usage and transaction transactional activities. Microsoft does not onal details.
Basics						
Subscrip	tion		Edgenexus	Azure		
Resource	group		(new) JayTe	st_group_0419	1105	
Virtual m	achine na	ime	JayTest			
Region			East US			
Availabil	ity option:	5	No infrastru	icture redunda	ncy requir	red
Security	type		Standard			
Image			BYOL Appli	cation Load Bal	ancer / Al	DC - Gen1
Size			Basic A2 (2	vcpus, 3.5 GiB	memory)	
Authenti	cation typ	e	SSH public	key		
Usernam	ie		azureuser			
	name		JayTest_key			
Key pair						

18. 然后,您将被要求下载并存储私钥对。请这样做,因为一旦创建了虚拟机,就不能再恢复和下载。

Generate new key pair						
0	An SSH key pair contains both a public key and a private key. Azure doesn't store the private key . After the SSH key resource is created, you won't be able to download the private key again. <u>Learn more</u> C ⁴					
Download private key and create resource						
Return to create a virtual machine						

19. 在下载之后, 你会看到与下面的页面类似的东西。

EdgeADC Deployment Guide

	Deployment is in progress								
Ē	De Sul Res	Deployment name: CreateVm-jetnexus;etnexus-application-load-b Subscription: Edgenexus Azure Resource group: JayTest_group_04191105		Start time: 4/19/2022, 12:16:23 PM Correlation ID: 3bfe5a0a-481f-4a54-ba0c-e66b21bbc329					
^	Dep	Deployment details (Download)							
		Resource	Туре		Status	Operation details			
	0	JayTest	Microsoft.Comp	pute/virtualMachines	Created	Operation details			
	Ø	jaytest547	Microsoft.Netw	rork/networkInterfaces	Created	Operation details			
	Ø	JayTest_group_04191105-vnet	Microsoft.Netw	rork/virtualNetworks	ОК	Operation details			
	Ø	JayTest-ip	Microsoft.Netw	ork/publiclpAddresses	ок	Operation details			
	Ø	JayTest-nsg	Microsoft.Netw	ork/networkSecurityGroups	ОК	Operation details			

20. 一旦部署完成, 你将看到以下屏幕。

0	Your deployment is complete					
Ē	Deployment name: CreateVm-jetnexus.jetnexus-application-load-b Subscription: Edgenexus Azure Resource group: JayTest_group_04191105	Start time: 4/19/2022, 12:16:23 PM Correlation ID: 3bfe5a0a-481f-4a54-ba0c-e66b21bbc329				
\sim	 Deployment details (Download) 					
^	Next steps					
	Setup auto-shutdown Recommended					
	Monitor VM health, performance and network dependencies Recommended					
	Run a script inside the virtual machine Recommended					
	Go to resource Create another VM					

- 21. 一旦部署完成, 你就可以去找资源了。
- **22.** 要测试ADC并对其进行配置,请使用浏览器访问以下网址。 <u>https://{ip.address}:27376</u>。
- 23. 这将弹出GUI登录。用户名和密码是: username: azureuserpassword: {**password.you.set**}。

注意:如果你需要在内部网络中添加额外的网络接口到EdgeADC,你可以使用网络部分进行,并将它们添加 到*系统>网络中*的ADC GUI。