DEPLOYING ZABBIX **IN THE CLOUD**

Sergey Sorokin
ZABBIX Business Development Director

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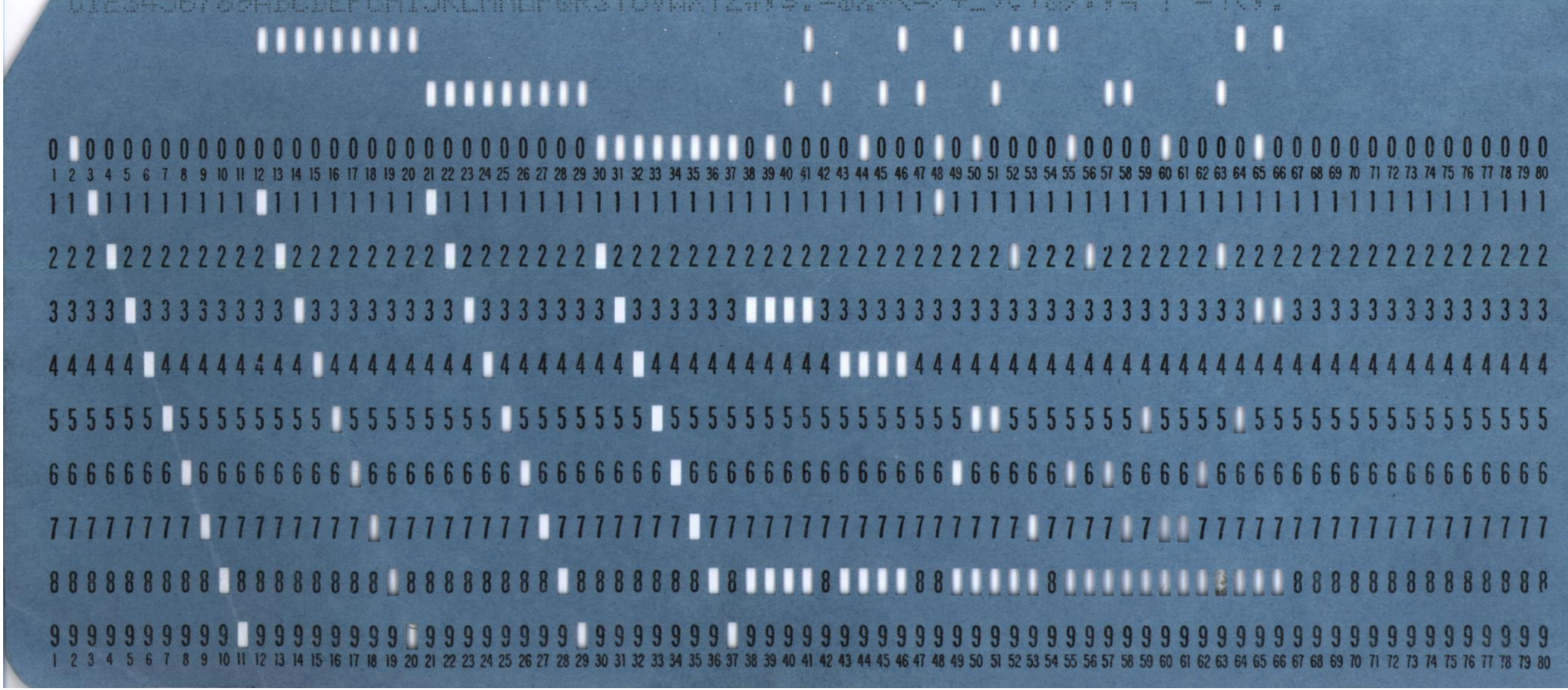
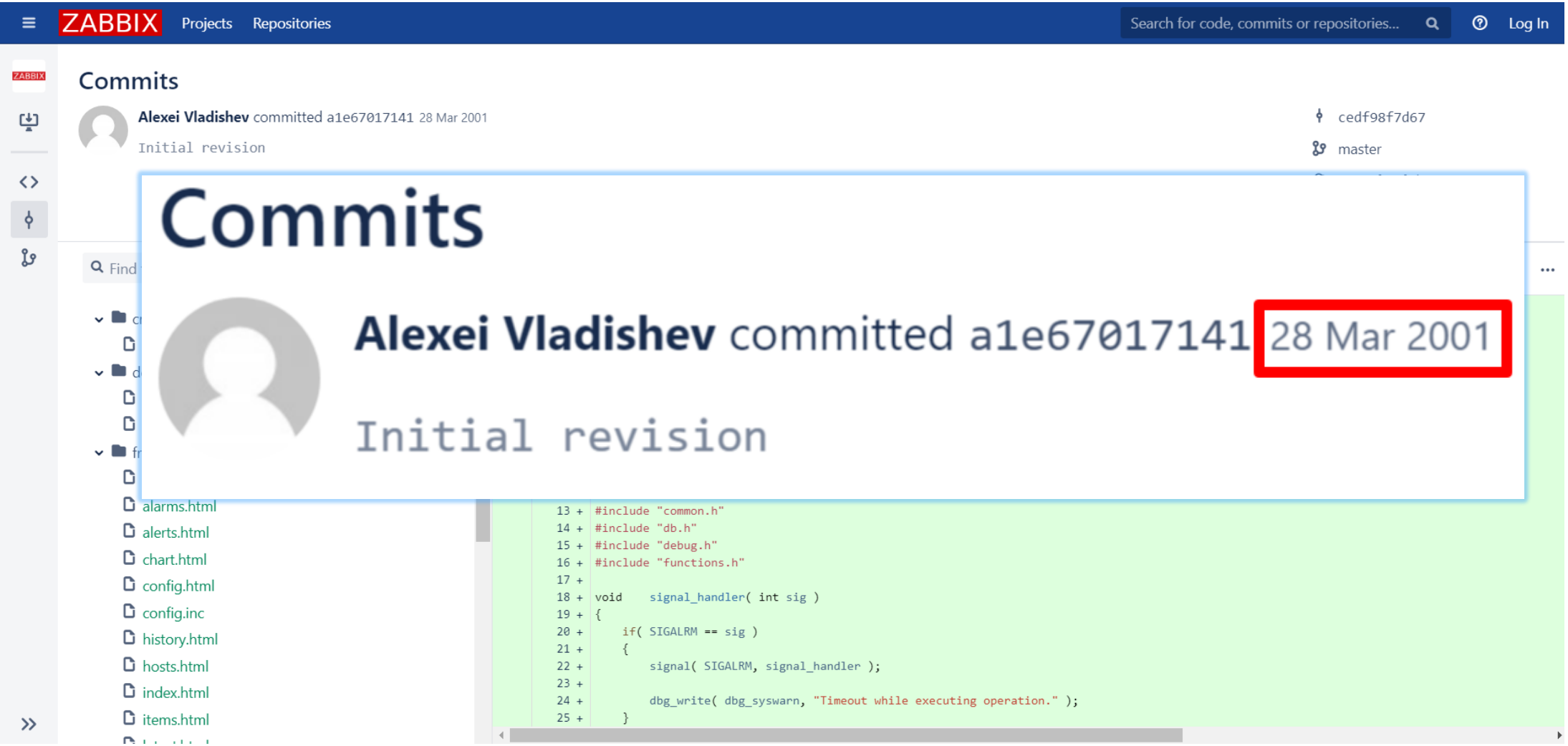
* THE FIRST VERSE IN THE OPENING CHAPTER OF THE GOSPEL OF JOHN



MANY YEARS LATER
THE CODE APPEARED

Zabbix source appeared



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Source provides flexibility and control

FOR PRODUCTION USE	FOR CONTAINERS	FOR QUICK DEPLOYMENT	FOR DEEP CUSTOMIZATION	FOR AGENT DEPLOYMENT
Install from Packages	Zabbix Docker images	Zabbix Appliance	**Zabbix Sources**	Zabbix Agents

Download sources from Git repository

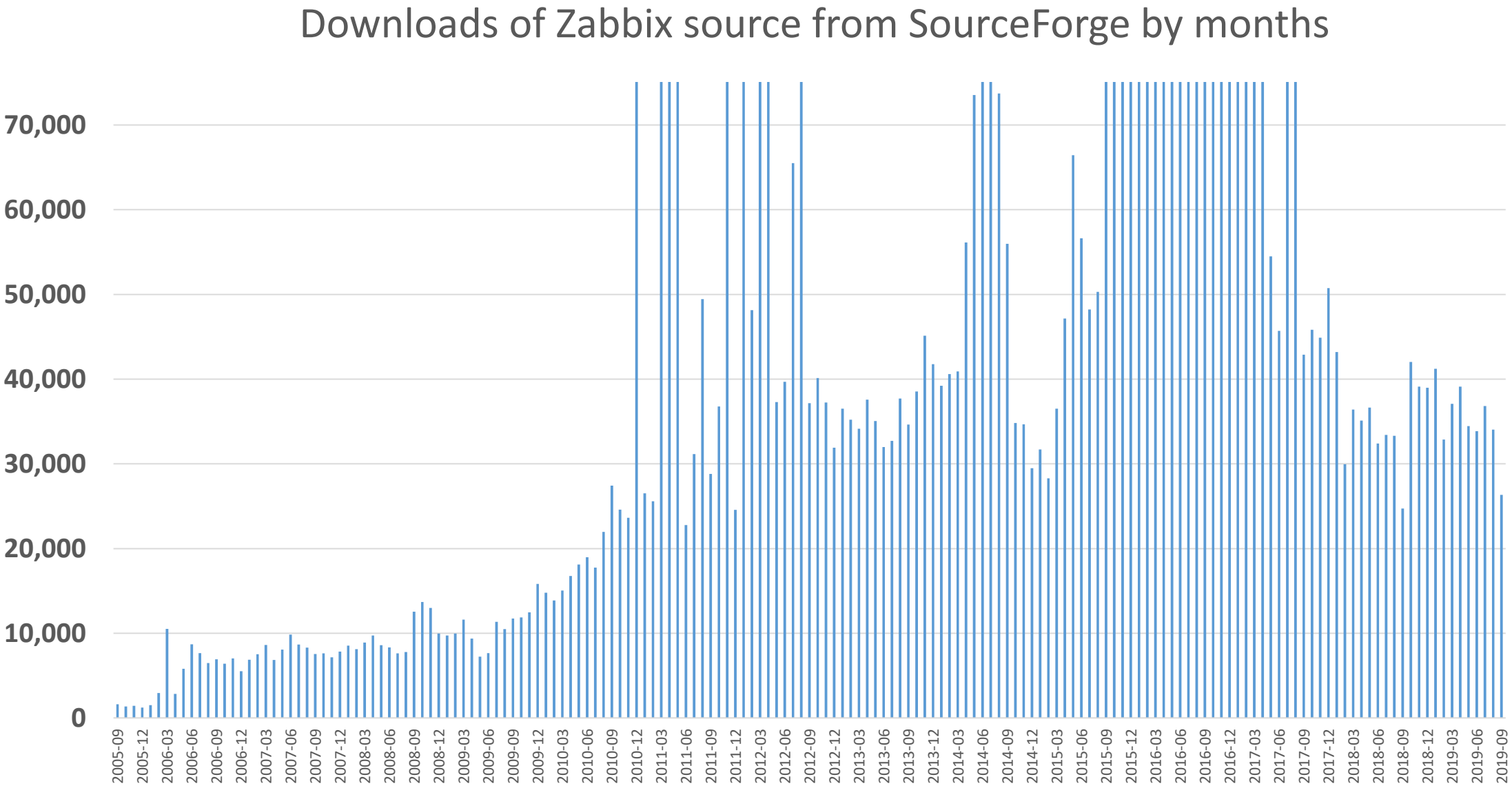
Zabbix Git repository

Download ready-to use Zabbix distributives

Zabbix 4.2 | Zabbix 4.0 LTS | Zabbix 3.0 LTS | pre-release | unsupported versions

Version	Release	Date	Release Notes	Zabbix Manual	Download
Zabbix 4.2 Server, Proxy, Agent, GUI	4.2.6	Aug 27, 2019			Download

Zabbix sources are very popular



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Zabbix binaries

FOR PRODUCTION USE	FOR CONTAINERS	FOR QUICK DEPLOYMENT	FOR DEEP CUSTOMIZATION	FOR AGENT DEPLOYMENT
Install from Packages	Zabbix Docker images	Zabbix Appliance	Zabbix Sources	**Zabbix Agents**

Download and install pre-compiled Zabbix agents

4.2 | 4.0 LTS | 3.4 | 3.2 | 3.0 LTS | 2.2 LTS | 2.0 | 1.8 | 1.6 | 1.4 | 1.1

Version	OS	Hardware	Encryption	MD5	Zabbix Manual	Download
4.2.7	macOS (pkg)	amd64	GnuTLS	cd2751052b46140400312d52e34ae9cf		Download
4.2.7	macOS (pkg)	amd64	OpenSSL	8e0c6ba599752ccc4fed0f5e52823eb3		Download
4.2.7	macOS (pkg)	amd64		06b72b9cee8189861f6e8e41da9662a8		Download

ALL YOU WANT IS
GIVE IT A TRY
DEPLOYING ZABBIX
IN THE CLOUD

Zabbix appliances

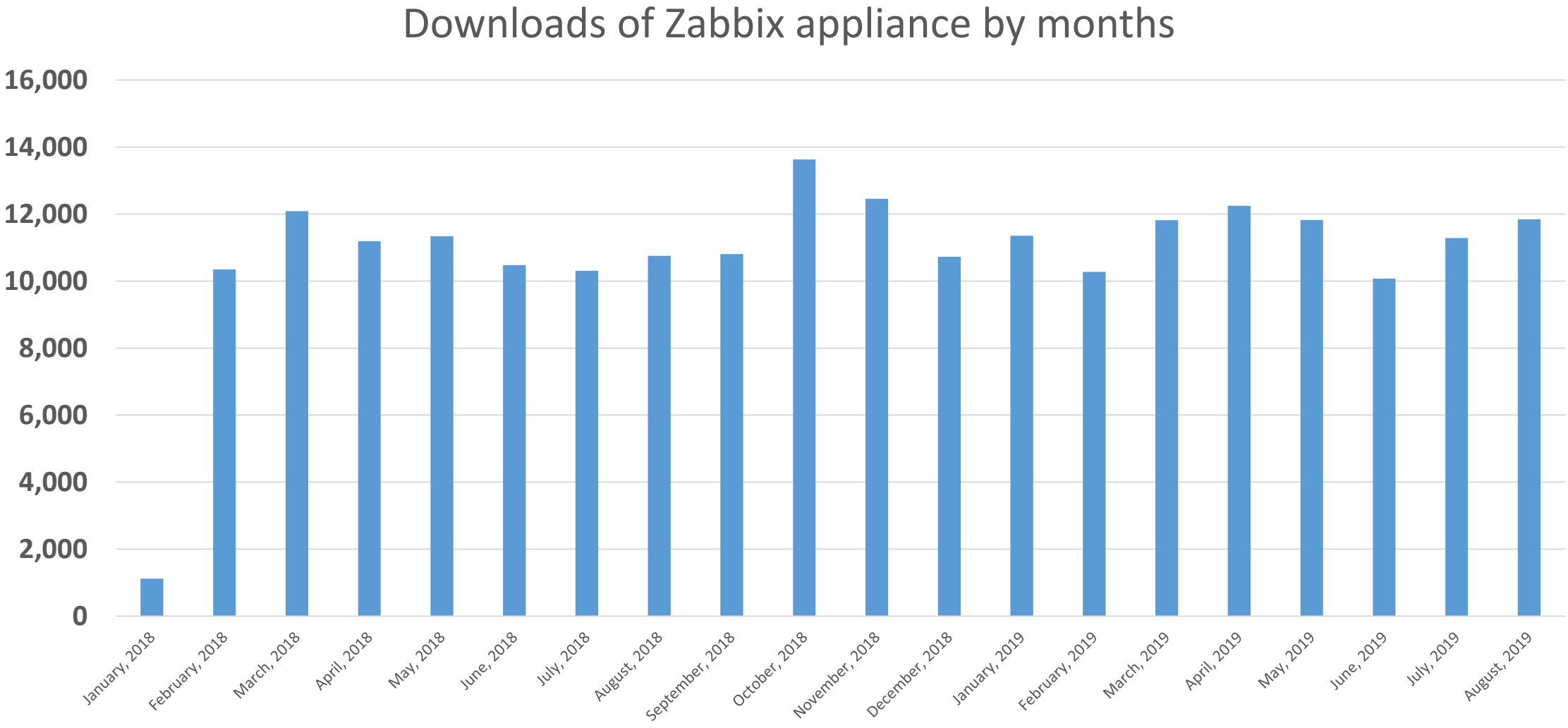
FOR PRODUCTION USE	FOR CONTAINERS	FOR QUICK DEPLOYMENT	FOR DEEP CUSTOMIZATION	FOR AGENT DEPLOYMENT
Install from Packages	Zabbix Docker images	**Zabbix Appliance**	Zabbix Sources	Zabbix Agents

Install Zabbix Appliance

Zabbix 4.2 | Zabbix 4.0 LTS | Zabbix 3.0 LTS

Version	Release	Date	Platform	Release Notes	Zabbix Manual	Download
Zabbix 4.2	4.2.5	Jul 29, 2019	Installation CD/DVD (.iso)			Download
Zabbix 4.2	4.2.5	Jul 29, 2019	VirtualBox, VMWare (.vmdk)			Download
Zabbix 4.2	4.2.5	Jul 29, 2019	Microsoft Hyper-V 2012			Download
Zabbix 4.2	4.2.5	Jul 29, 2019	Microsoft Hyper-V 2008			Download

with its own fan group



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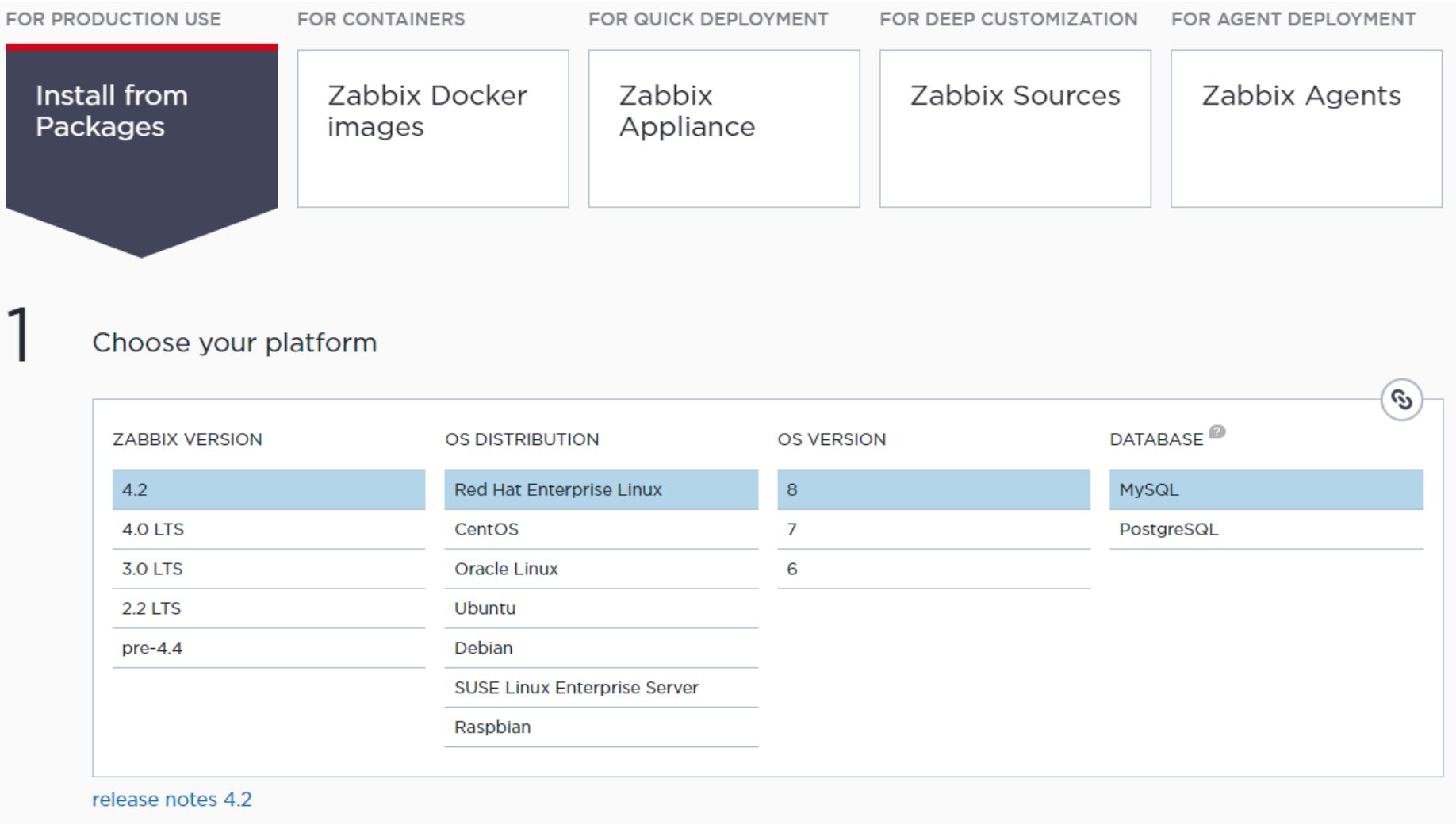
BUT SOURCE REQUIRES **KNOWLEDGE AND TIME**

DEPLOYING ZABBIX
IN THE CLOUD

Packages appeared for Zabbix server



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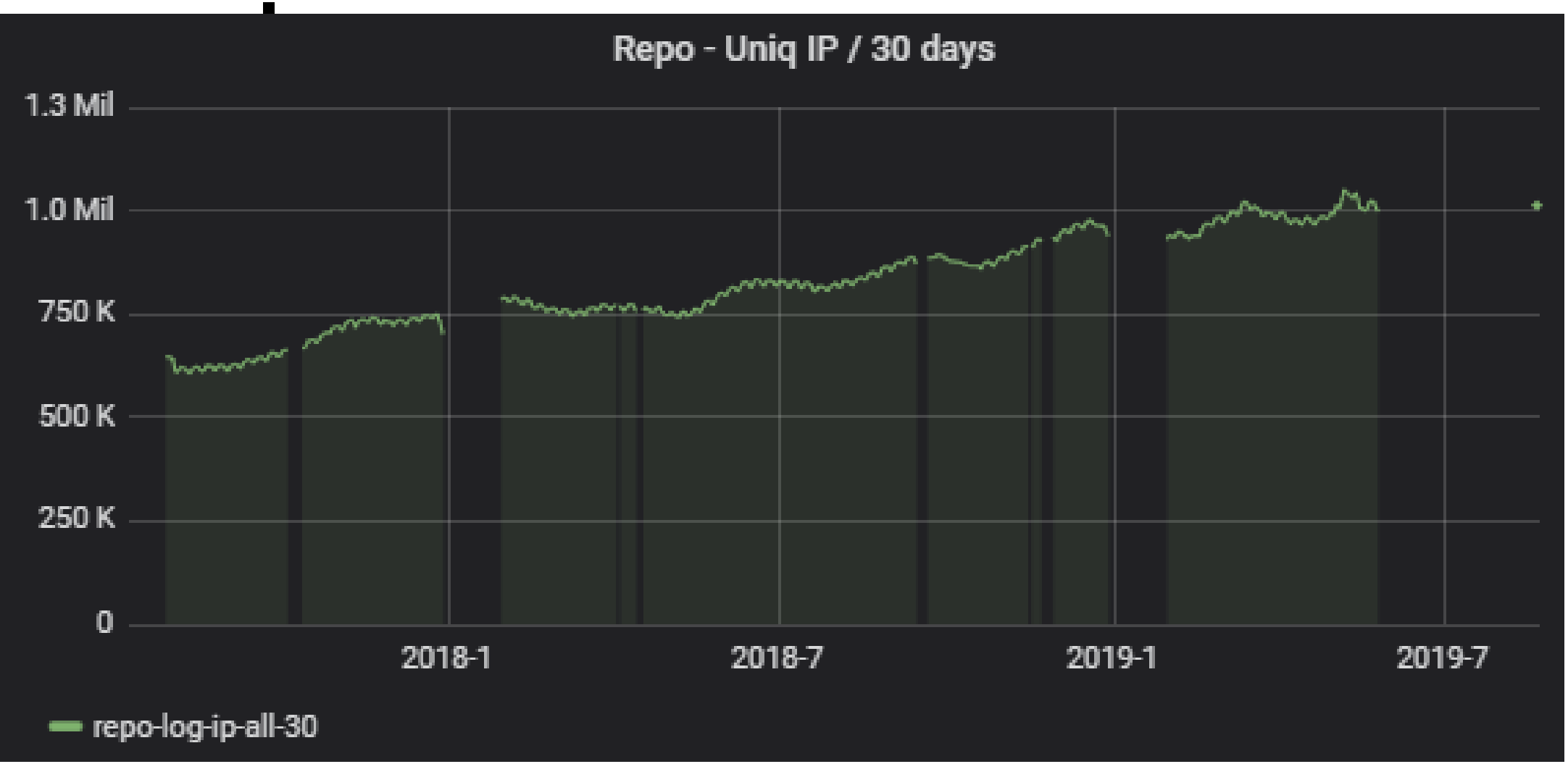
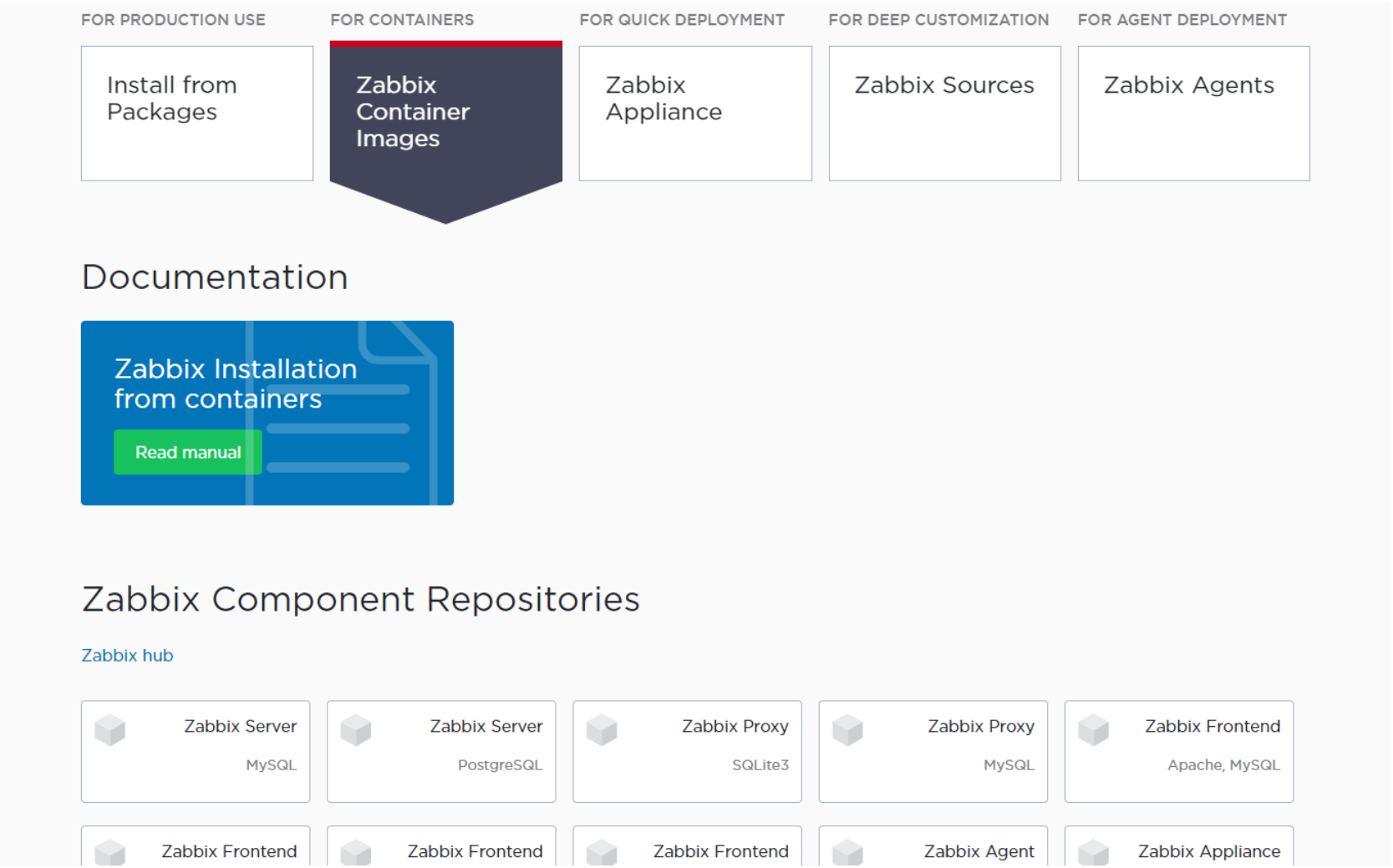
which became even more



WITH THE WORLD GETTING BIGGER, PEOPLE WERE SEARCHING FOR **ISOLATION**

DEPLOYING ZABBIX
IN THE CLOUD

We packed Zabbix into containers



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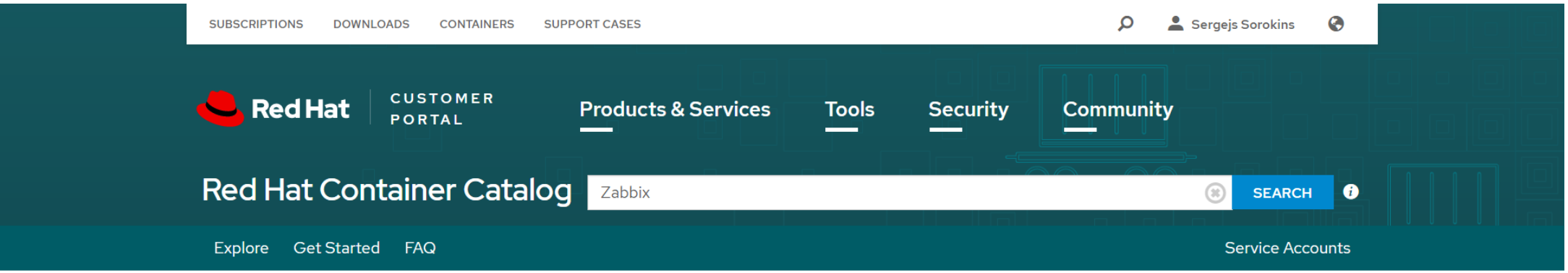
Red Hat Openshift



ZABBIX

Zabbix

by Zabbix

Product Overview

Zabbix is the ultimate enterprise-level software designed for real-time monitoring of millions of metrics collected from tens of thousands of servers, virtual machines and network devices.
Zabbix is Open Source and comes at no cost.
Zabbix is an all-in-one monitoring solution that allows users to collect, store, manage and analyze information received from IT infrastructure, as well as display on-screen, and alert by e-mail, SMS or Jabber when thresholds are reached.
Zabbix allows administrators to recognize server and device problems within a short period of time and therefore reduces the system downtime and risk of system failure. The monitoring solution is being actively used by SMBs and large enterprises across all industries and almost in every country of the world.

Resources

APPLICATION CATEGORY
Monitoring

Product Website

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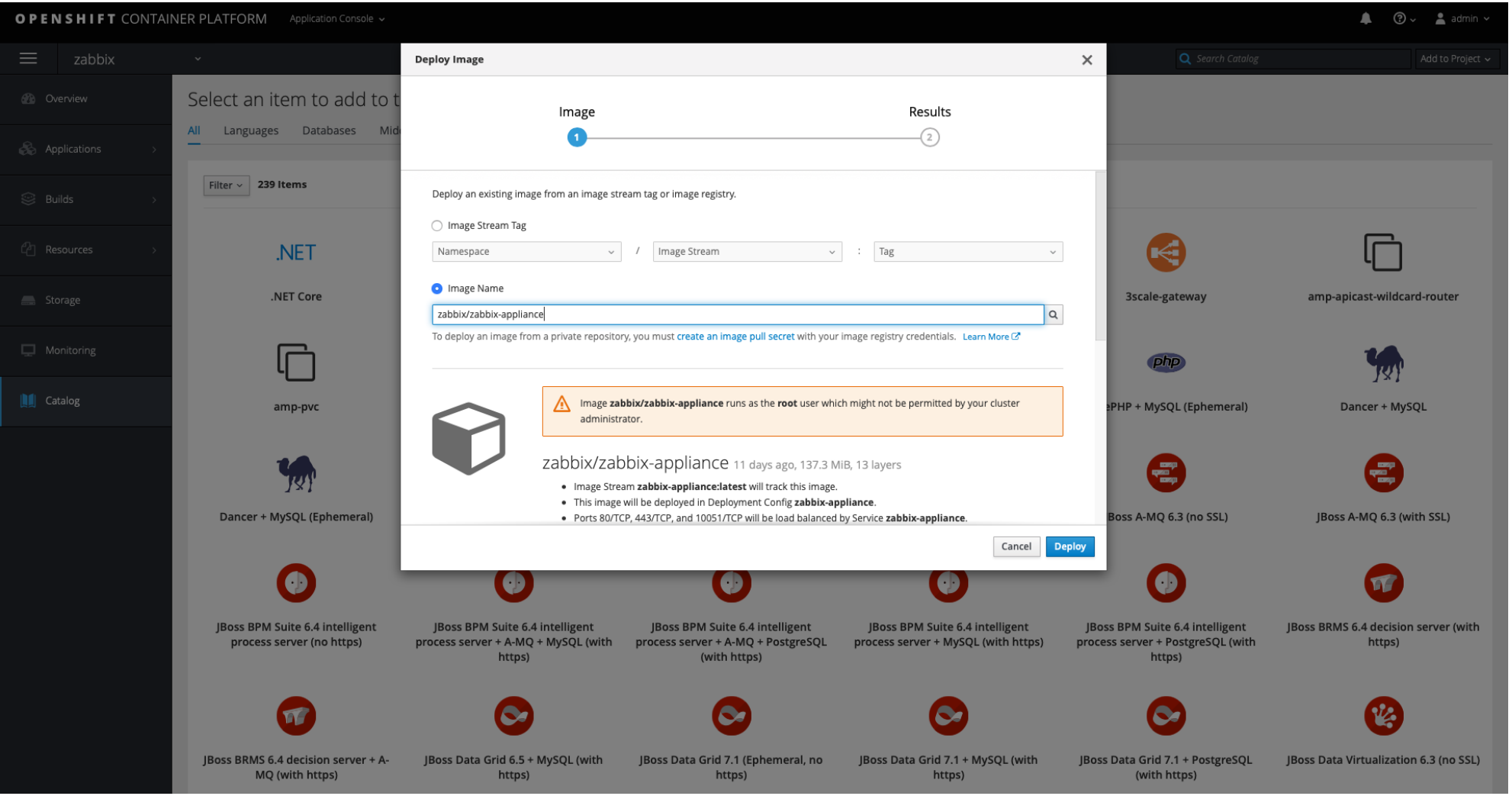
Red Hat Openshift



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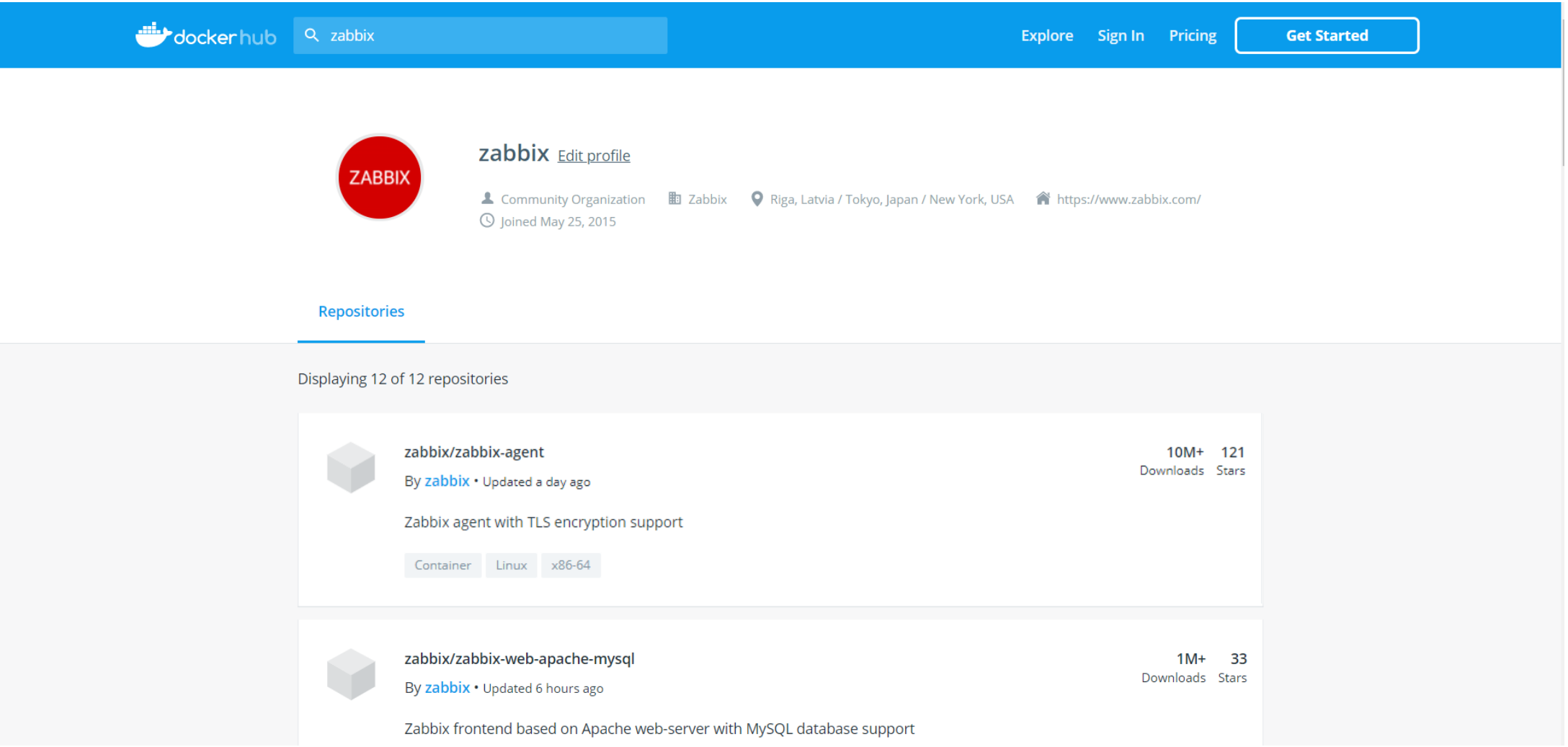
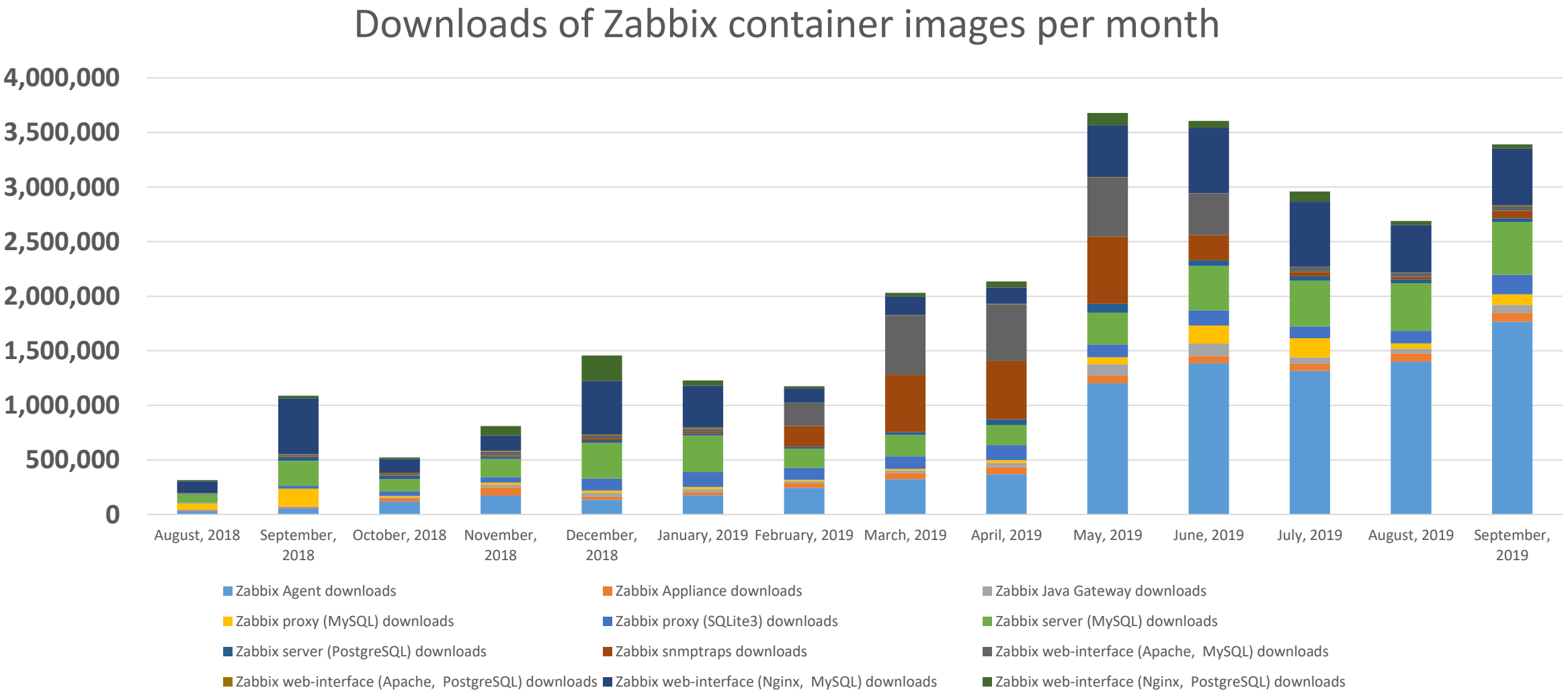
Docker Hub


docker hub
zabbix
Explore
Sign In
Pricing
Get Started
ZABBIX
zabbix Edit profile
Community Organization
Zabbix
Riga, Latvia / Tokyo, Japan / New York, USA
https://www.zabbix.com/
Joined May 25, 2015
Repositories
Displaying 12 of 12 repositories
zabbix/zabbix-agent
By zabbix • Updated a day ago
Zabbix agent with TLS encryption support
Container
Linux
x86-64
10M+
Downloads
121
Stars
zabbix/zabbix-web-apache-mysql
By zabbix • Updated 6 hours ago
Zabbix frontend based on Apache web-server with MySQL database support
1M+
Downloads
33
Stars

Statistics just for Docker Hub



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LETS TALK ABOUT
CLOUDS
DEPLOYING ZABBIX
IN THE CLOUD

Why clouds?

- Agile - quick availability of required resources
- Effective scaling up and down
- No capital expenses
- Better disaster recovery
- Instant provisioning
- Start with POC, continue to grow further

Which clouds?

Figure 1. Magic Quadrant for Cloud Infrastructure as a Service, Worldwide

Source: Gartner (July 2019)

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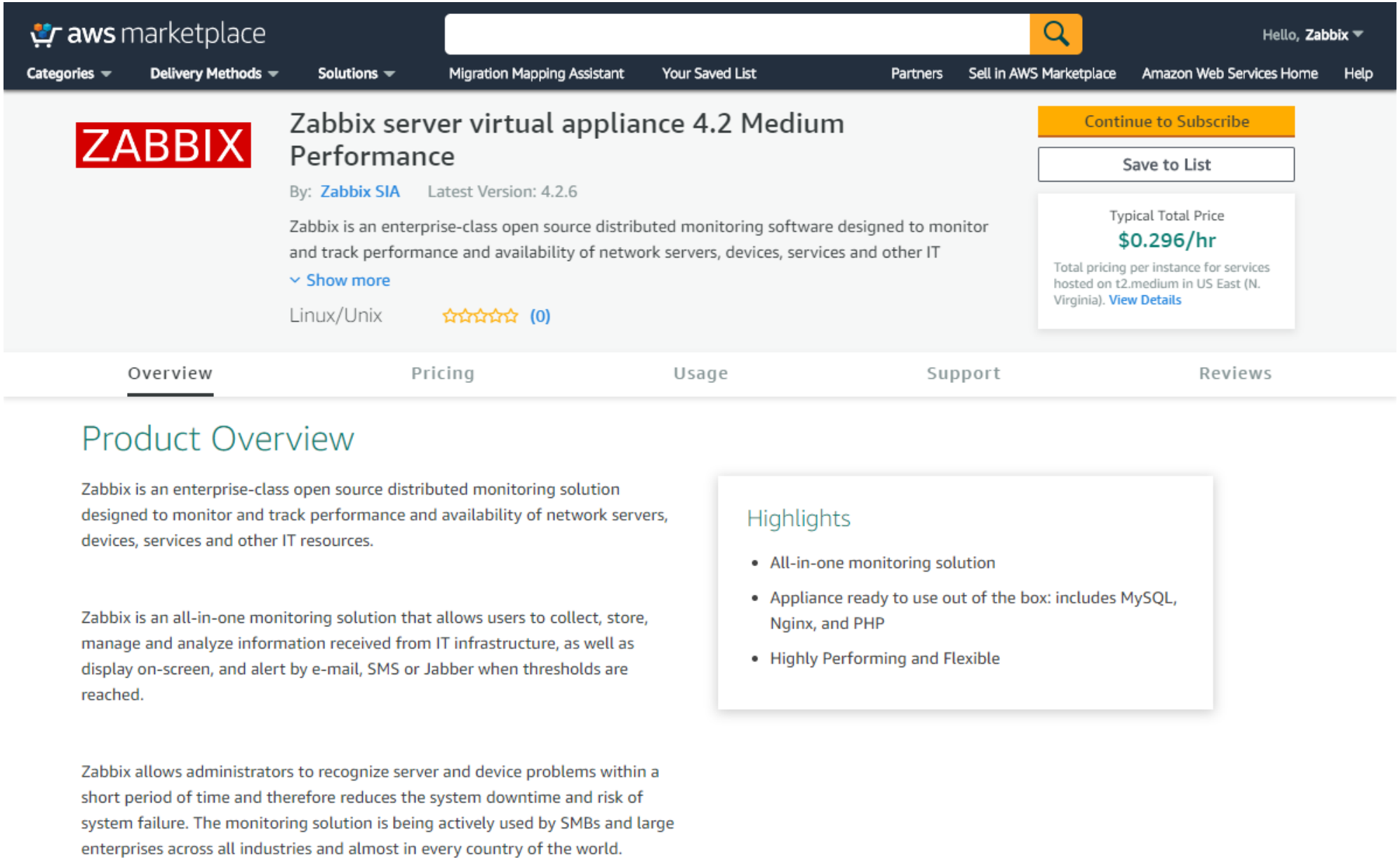
aws

Microsoft Azure

DigitalOcean

Google Cloud

AWS Marketplace



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Microsoft Azure Marketplace

Microsoft | Azure Marketplace Apps Search Marketplace More

Products > Zabbix Server 4.2

ZABBIX

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Pricing information
Starting at $0.094/hour
+ Azure infrastructure costs

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Databases
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Networking

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Zabbix Server 4.2

save for later

Zabbix

★★★★★ (0) Write a review

Overview | Plans + Pricing | Reviews

Zabbix is a software that monitors and tracks performance and availability of IT infrastructure

Zabbix is an enterprise-class open source distributed monitoring solution designed to monitor and track performance and availability of network servers, devices, services and other IT resources.

Zabbix is an all-in-one monitoring solution that allows users to collect, store, manage and analyze information received from IT infrastructure, as well as display on-screen, and alert by e-mail, SMS or Jabber when thresholds are reached.

Zabbix allows administrators to recognize server and device problems within a short period of time and therefore reduces the system downtime and risk of system failure. The monitoring solution is being actively used by SMBs and large enterprises across all industries and almost in every country of the world.

Learn more

Learn from documentation
Purchase Technical Support contract
Zabbix official Forum
Webinars
Community template repository

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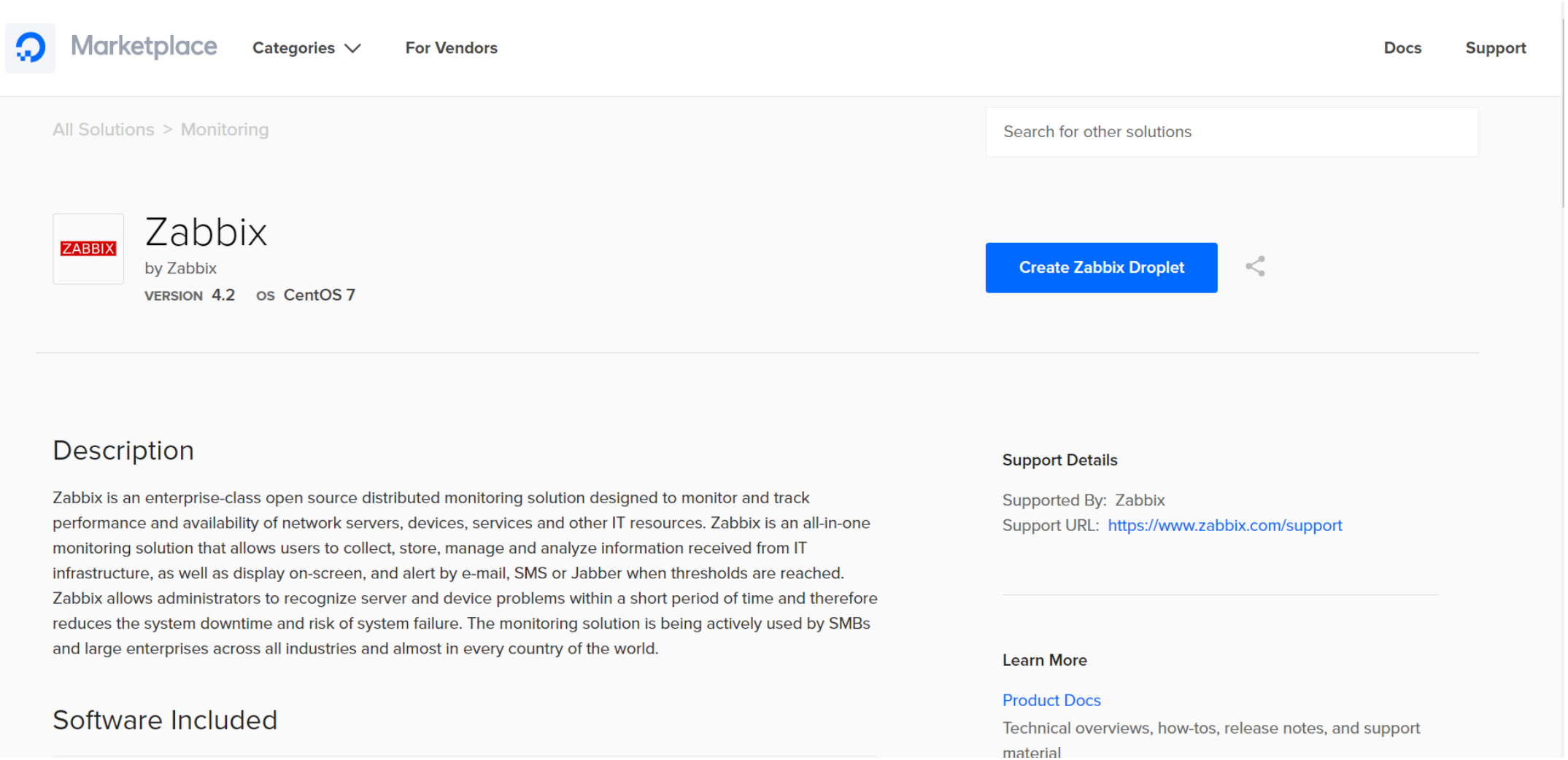
Digital Ocean



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Easy to find

FOR PRODUCTION USE	FOR CLOUDS	FOR CONTAINERS	FOR QUICK DEPLOYMENT	FOR DEEP CUSTOMIZATION	FOR AGENT DEPLOYMENT
Install from Packages	**Zabbix Cloud Images**	Zabbix Container Images	Zabbix Appliance	Zabbix Sources	Zabbix Agents

Zabbix Cloud Images

AWS Zabbix Server 4.2 Mysql + Nginx	Azure Zabbix Server 4.2 Mysql + Nginx	DigitalOcean Zabbix Server 4.2 Mysql + Nginx	Google Cloud (coming soon) Zabbix Server 4.2 Mysql + Nginx

Pricing

$0.125/h per vCPU + Infrastructure cost

Price/performance

The table shows current software and infrastructure pricing for services hosted in **US East (N. Virginia)**. Additional taxes or fees may apply.

Zabbix server virtual appliance 4.2 Medium Performance

	EC2 Instance type	Software/hr	EC2/hr	Total/hr
○	t2.medium ★Vendor Recommended	$0.25	$0.046	$0.296
◉	t2.large	$0.25	$0.093	$0.343

Type of data	Size, GB
Zabbix configuration	0,01
History	593,84
Trends	22,03
Events	10,46
Minimum space required on disk	**626,34**

Customer Environment parameters	Value	Unit of measure
Number of hosts	1 000	
Average number of items from 1 host	30	
Number of items collected	30 000	items
Average frequency of reading items	30	seconds
Store history for	90	days
Housekeeper should keep trends for	365	days
Housekeeper should keep events for	365	days

Up to **1,000** NVPS
~$309,56 / month includes:

Zabbix virtual appliance
Infrastructure (t2.large)
Storage (EBS general purpose SSD)
Traffic not included

aws Microsoft Azure Google Cloud

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Technical Support

- Not included in the virtual appliance price
- Experimental for the clouds for now
- Will not cover 3rd party offerings

Discuss support availability with our Sales Team

THANK YOU!

Sergey Sorokin
ZABBIX Business Development Director

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zabbix