

EFFECTIVE CONTROL SOLUTION

With Zabbix Monitoring Software, Bodybuilding.com, LLC managed to fulfill the shortage of monitoring system it faced and to solve the existing drawbacks with issue reporting, trends identification and capacity planning.



"Bringing Zabbix into the environment was a wise choice. It provides the flexibility to monitor all of our devices and applications from a single location"

Mike Hlavac, Manager Infrastructure and Operations at Bodybuilding.com

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Bodybuilding.com, LLC is the largest online sports nutrition company in the world and has been recently ranked the No.1 in terms of the most visited bodybuilding and fitness website. Before Zabbix was implemented at Bodybuilding.com organization, monitoring didn't really exist, that caused certain limitations in company's performance.

INDUSTRY:
Online Retail

OBJECTIVE

Bodybuilding.com needed a reliable monitoring solution that could handle and solve drawbacks of organization's existing IT system.

REQUIREMENTS

Monitoring solution needed to fulfill a certain list of functions, which Bodybuilding.com sought, including: problem reporting, trends identification, capacity planning, built in graphing functionality and others.

APPROACH

Implementing Zabbix Monitoring Solution was the organization's first experience that turned out to be the right one. Thanks to Zabbix flexibility to monitor all Bodybuilding.com devices and applications from a single location, there are always ways to improve things and monitor more in organization's environment

BUSINESS OUTCOMES

- IT Operations and engineering staff are now alerted to critical situations before business users or developers let them know
- Easy to identify trends
- Easy to do basic capacity planning
- Potential for further performance growth due to Zabbix software's flexibility



Established in 1999, Bodybuilding.com is now the world's #1 online bodybuilding website & supplement store. The organization currently employs 722 employees and owns one retail store and three warehouses – in Boise (Idaho), Harrisburg (Pennsylvania) and Tallahassee (Florida). *"At Bodybuilding.com, we change lives. We empower, facilitate, and cultivate positive change. We are more than a site, more than a store, even more than information, motivation, and supplementation. We are your personal trainer, nutritionist, supplement expert, lifting partner, and support group. We are the technology and tools you need to burn fat, build muscle, and become your best self."* Bodybuilding.com, LLC.

Before Zabbix Solution was implemented at Bodybuilding.com, monitoring in this organization didn't really exist. Developers and end users reported problems directly to IT staff, rather than IT being proactive about fixing problems.

Zabbix was brought to the Bodybuilding.com to solve a number of drawbacks organization had in its existing IT system. *"Bringing Zabbix into the environment was a wise choice. With its built*

CUSTOMER AT A GLANCE

NAME:

Bodybuilding.com, LLC.

HEADQUARTERS:

Boise, ID, USA

FOUNDED:

1999

TELEPHONE:

+1-208-377-9994

NUMBER OF EMPLOYEES:

722 (as of December 2013)

TOTAL REVENUES:

\$420 million for 2013

URL:

<http://www.bodybuilding.com>

in graphing functionality, it's easy to identify trends and do basic capacity planning all from the monitoring solution. These were things Bodybuilding.com were unable to do with any certainty before implementing Zabbix", says Mike Hlavac, Manager Infrastructure and Operations.

According to Mike Hlavac, "Implementing any monitoring system isn't easy if done properly. You need to measure and develop alerts for potential pitfalls in your environment and given our wide variety of technology in use that takes a significant investment from the organization."

Bodybuilding.com has still not finally done with implementing Zabbix Monitoring Solution. *"There are always ways to improve things and monitor more in our environment to better understand what is going on. Zabbix provides the flexibility to monitor all of our devices and applications from a single location,"* Mike Hlavac.



CUSTOMER SOLUTION AT A GLANCE

IT Infrastructure:

1 Zabbix Server with 1 proxy, backed by a separate MySQL Database server with FusionIO cards to handle the volume of traffic

Hardware used for Zabbix:

Zabbix Server: Dell R620. 32gb of RAM. 2 6-core 2.3GHz CPUs
Zabbix Database: Dell R620. 785gb FusionIO, 64gb of RAM. 2 8-core 2.7GHz CPUs

Performance (as of December 2013):

Number of items monitored – 48000
Number of triggers – 12000
Values per second - 840

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ZABBIX