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Profile

I am an experienced UNIX engineer, currently I am working as a Devops/DBA for Gizmodo Media LLC. I spent this decade around high traffic, high availability websites. I code in several programming languages (golang, python,perl, bash), and nowadays I am moving towards AWS.

Experience

Senior Datastore Engineer, Gizmodo Media — 2016 - Present
Technically the same company as Gawker, but now be belong to Univision. We moved the entire platform from physical datacenters to AWS, and we changed all the underlying technologies. The databases moved to RDS/Aurora (MySQL compatible) and all the applications containerized and served from Kubernetes. We are heavily using Cloudformation and pipelines for platform management. My work beside common DBA related work is system automation - mostly with AWS API.

Database Administrator, Gawker Media LLC – 2013 - 2016
I worked as a DBA in a system, which used about 50 MySQL servers. All the database server operations were automated by me, like backups, or new replica creation. In our stack, we used Ansible for process automation, Puppet for server configuration management, Jenkins for trigger jobs. I also participated in ansible project as creating the mysql-replication, and the mysql-variables modules. Both of the projects become part of the official ansible release. We are heavily using Percona software, like percona-toolkit or xtrabackup.
We had a few months of work on migrating the entire system to Google Cloud Platform. The project was never finished, but we spent about 6 months on it, at the cancellation point the entire infrastructure was up and running.
We had about 100M readers every month, so zero downtime was tolerated.

Senior System Administrator, IT-Services Hungary – 2012 - 2013
I was a Citrix (XenApp, XenServer, VMWare) administrator here. We were worked for Philips, providing their users a stable and reliable work environment. We were a part of an international team, but our team's stack was limited to Citrix and Virtualization.

Systems Engineer, Allegroup kft – 2011-2012
I operated high traffic websites (vatera.hu, teszvesz.hu, aprod.com, lealkudtuk.hu, grando.hu) with zero downtime tolerated.
Linux server administration, Apache web servers (with PHP), Oracle, and MySQL databases, squid, Nginx.

I've planned and built a KVM virtualization cluster here.

I've administrated mass mailing systems (12all and Neolane), and I participated as system architect of the Neolane system.

I've worked on some international projects too (prodavalnik.com (bg), mamagorod.ru (ru), lustri.pl (pl), trendzone.ro (ro)). I've got experiences with chef configuration management software.

Systems Engineer, Virgo Systems – 2010-2011

Worked with Linux, Tomcat application servers, MySQL and Oracle database servers (MySQL replication, Oracle RAC), HAProxy, Varnish, Squid, Lighttpd, Nginx, Virtualization. Worked with high network traffic, with zero downtime tolerated.

Systems Engineer, Neti Kft – 2006-2010

Unix / Linux support engineer, working on a nationwide network, administrating and debugging applications, operating systems, and network problems. Worked with Solaris (SPARC), HP-UX (ia64), Linux (i386/amd64). Worked with Oracle, worked with Veritas Netbackup, and other software such as firewalls and basic network servers (like bind and DHCP).

I've administrated Microsoft Active Directory, Citrix terminal servers as well.

System Administrator, Verlag Dashöfer Kft – 2003-2006

I was the system administrator at a publishing company with about 120 users. At the time I worked there, I migrated the whole network from Novell Netware to Active Directory, I created and installed a web service platform, and did the full stack of the possible IT-related work. I got experiences there in mail services administration (including mass mailing), database server administration, DNS, DHCP, MS AD, I've created automated client computer installation system, to make my work easier.

System Administrator, Hungexpo – 2000-2003

System administrator on client computers (Mostly Windows 98 with Novell Netware), web server administration (Linux/Apache) and internet mail system administration (sendmail).

Conference talks

2017 Percona Live Dublin - Migrating and living on RDS/Aurora
https://www.slideshare.net/BalazsPocze/migrating-and-living-on-rds-aurora
This session was about all the experiences I had when I performed the migration of GMG's database to AWS.

2016 Percona Live Data Performance Conference - Automated server management with open source tools
https://www.slideshare.net/BalazsPocze/automated-server-management
In this session, I've shown how we automated all the operations-related work at Gawker Media

2015 Percona Live Amsterdam - Running GTID replication in production
https://www.slideshare.net/BalazsPocze/running-gtid-replication-in-production
At Gawker, we were early adopters of GTID replication, and in this talk, we have shared our experiences with it.

Skills

MySQL, Linux, Puppet, Unix Shell Scripting, AWS, GCP, RDS, TCP/IP, Python, Ruby, Perl, Go, Apache, DNS, VMware, SQL, Tomcat, Xen, Oracle, Squid, Active Directory, Memcached, MongoDB, Nginx, Red Hat, Linux, Windows Server, Ubuntu, Git, LVM, VMware ESX, DNS, Network Design, DRBD, Internet, Debian, Chef, Powershell, XenApp, XenServer, XenDesktop

Links

My blog: http://blog.balazspocze.me
My Github: https://github.com/banyek
My LinkedIn: https://hu.linkedin.com/in/poczebalazs