Ricardo Macedo Martins

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Ten years of experience in IT, experience in network management, operating systems, Internet technologies and performance in infrastructure projects. Cloud technology enthusiast, open source tools and automation systems; extensive experience as a systems administrator; Facility to work in groups and collaborate on team performance; Interested in continuous learning, documenting procedures, planning activities and continuous research of new tools and technologies.

Maintainer of a personal technology blog (http://ricardomartins.com.br) with about 20,000 hits per month.

Education

- Computer Networks Technology Degree Course - SENAC/RJ - Finished at December/2013;

- High School: Electronics Technician - Technical School Henrique Lage – Finished at December/2003.

- Technical Training: Cisco Lan Switching and Wireless (November/2012, Online, Cisco Networking Academy); Cisco Routing Protocols and Concepts (June/2012, Online, Cisco Networking Academy); Symantec Netbackup 7.0 Unix/Windows: Administration (May/2012, 40 Hours, Symantec); Cisco Network Fundamentals (November/2011, Online, Cisco Networking Academy); Training MCSE on Windows Server 2003 (April/2007, 304 Hours, Mcury Computação); Network Specialist - Conectiva Linux (August/2004, 100 Hours, SENAC/RJ); Network Administration - Conectiva Linux (June/2004, 144 Hours, SENAC/RJ); Installation and Maintenance of Computer and Networks (October/2002, 394 Hours, CEFET/RJ).

Professional Experience

- December/2014 – Current – **Infrastructure Analyst, Bemobi** (Corporate Mobile Solutions). Management and administration of Linux servers in mission critical environment responsible for providing value-added services for mobile operators; Installation, configuration and management services on Linux environments; Implementing mobile application store on AWS using OpsWorks (http://www.appsclub.com); Main technologies involved: Linux, JBoss, Tomcat, Nginx, Tornado, Thumbor, Circus, Supervisor, Shell, RabbitMQ, Solr, MySQL, Amazon Web Services (OpsWorks, VPC, S3, IAM, RDS, VPC, Multi-AZ), Zabbix, ElasticSearch, Logstash, Kibana, NewRelic , Varnish.

- June/2014 – December/2014 – **Systems Administrator, Passei Direto** (Brazilian Social Network, aiming to connect students and their knowledge.)
Administration and management of IaaS Cloud Infrastructure on AWS EC2 and VPC environments; Optimization of active and passive monitoring of environments and services with Zabbix and Monit; Scripting in bash for automated backup using S3 (AWS) of physical servers and Xenserver virtual machines, backups processes, checking and notifications about updates of systems, generation of snapshot (AMI) of AWS instances; Administration of the following products and technologies: Team City, Elastic Search, Windows Server 2012, Windows Server 2008, Ubuntu and CentOS Linux distributions, Git, AWS Services, Octopus, Redis, RabbitMQ, Zabbix, NET, SQL Server, MySQL, OpenVPN, NodeJS, MongoDB, Amazon WebServices (Route53, IAM, S3, EC2, VPC, RDS, ELB).

- October/2013 – June/2014 – **Systems Administrator, Globo.com** (Absolute leader in the market news portals, sports and entertainment in Latin America)
As a team member's InfraScrum (sysadmin/devops) I acted in the Service Delivery and Web Infrastructure of all entertainment products and platforms in Globo.com; Built a reliable and

resilient web infrastructure for a large audience; Web infrastructure architecture; Application scale and tuning; Advanced web server configuration and tuning; Automatic configuration with Puppet; Automatic application deployment; Processes and workflows documentation; Application of Continuous Delivery concepts; Development, implementation and monitoring of the deploy for systems/products Globo.com using technologies Fabric, Capistrano and Puppet; Product support to attend internal development teams; Development/Implementation of systems to attend the operations teams, QA and development; Summary of technologies and methodologies used: Kanbam, Scrum, Vagrant, Puppet, Node.js, Bash, Capistrano, Git, Redis, Ruby and Python.

- June/2013 – October/2013 – **Senior Management Analyst for Linux Hosting, Alog Datacenters of Brazil** (Equinix Company)
  Analyst of Hosting Management team, working in Management/Project/Revisions of critical environments on Linux platform, both physical and virtualized; Monitoring, documentation, specification and implementation of hosting projects commonly used in e-commerce and internet systems; Analysis of vulnerabilities and performance in environments managed by Alog; Management of scenarios and mission-critical environments for corporate clients; Technical Analysis proactive in environments managed by Alog with regard to connectivity, operating system, security, capacity planning, monitoring, among others; Preparation of documents for reports, runbooks and procedures for the activation and support teams at different levels; Preparation of reports, schedules and analysis of impacts of change; Realization of level 3 support.

- July/2012 – May/2013 – **Senior Systems Administrator, Peixe Urbano** (Website collective purchasing, the largest Brazilian startup)
  Member of the team responsible to guarantee HA, resilience, security and cost optimization in hybrid IAAS environment for all infrastructure operations of web sites with several million accesses per month; Administration of the structure on Cloud Computing Amazon Web Services (AWS) with over 200 servers in the environment EC2 (Elastic Cloud) and VPC (Virtual Private Cloud) and AWS Services like Route53, IAM, S3, EC2, VPC, RDS, ELB; Participation in the design, planning, implementation and administration of the new environment in VPC (Virtual Private Cloud) including migration of servers from EC2 to VPC environment; Administration on the physical and virtual structure at datacenters SoftLayer Hosting and Connectria Hosting; Installation / Administration of servers with Windows Server (2008) and Linux (CentOS / RedHat); Management of infrastructure services (AD, DNS, FTP, DHCP, OpenVPN, Subversion, File Server, Jira, Memcached, Samba, Rsync); Management of Web Application Servers (IIS 7.0, Apache, Solr and Nginx); Development of shell scripts for automating tasks; Monitoring network and systems (Zabbix); Virtualization of servers (XenServer 6.0 and VMware EXSi 5.0); Tunning of the Windows and Linux servers; Documentation of procedures; Support teams of development/product; Performance in the continuous improvement of server infrastructure and services.

- December/2011 – April/2012 – **Support Analyst, Azul Seguros** (Insurance Company)
  Administration of a Linux environment (CentOS), Unix (Solaris) and VMware (vSphere / ESX) used in development, approval and production; Management Firewalls, Proxies, Web Services, DNS, File Servers, application servers (Tomcat, Caucho Resin); Implementation of system Wiki (Dokuwiki) with Active Directory, used for documentation of existing projects and viability of existing online knowledge base; Deployment of applications and patches using Visual Source Safe; Management of Unix backup using HDUP tool; Management and monitoring of links, hosts and services with Nagios and Cacti; Basic administration of appliances (Astaro, IronPort) and EMC storage.

- August/2005 – December/2011 – **Support and Maintenance Technician, TV Globo** (Biggest Brazilian TV Channel)
  Implementation, administration and support networks and hybrid environments (Windows and Linux) used for recording, storage, processing/editing and video display in various projects in Engineering, Journalism and Sporting Events; Creation of technical papers/documentation and

participation in research and development projects working in support, debugging and auditing systems; Development of shell and vbs scripts to process automation, deployment tools to install software and operating systems in an automated way; Deployment environments in domain with Windows 2003 and 2008, setting GPO's, safety analysis, detecting and blocking vulnerabilities, management, support, installation and maintenance of servers, hardware, storage, raid, backup systems, operating systems, Windows, Linux (CentOS/SuSe), Unix/Irix (Silicon Graphics Hardware) and MacOS; Creation of lab / test environment in the department for testing of new technologies using tools such as VMWare, Hyper-V and Xen; Support for display and distribution systems, automation servers, videography, art, content servers, databases (MySQL), graphic stations, workstations, market and proprietary software; Support critical areas that develop materials in computer graphics for television events, systems engineering and journalism; Implementation, administration and support of tapeless GloboNews TV System (Awarded internationally by Broadcast Engineering)

- April/2003 – August/2005 – **Jr. Systems Analyst, Urbi Network** (Wireless Internet Provider) Firstly as a Trainee, later Field Technician and finally Jr. Systems Analyst with the following responsibilities: Support the team in the implementation of structured cabling backbone and installation and configuration of hardware and software to enable Internet access to customers; Design, structuring and maintenance of LAN, WAN and WLAN; Physical and Remote Support to customers in the various services offered by the company (Dial-Up, Cable, ISDN/DVI, ADSL, Wireless); Installation and configuration of home routers, switches and wireless devices; Support remote for field technicians and help desk; Configuration and administration of systems for monitoring links and services (WhatsUp, Nagios/MRTG, Cacti); Installation, configuration and maintenance of servers based on Linux (Debian), at clients served by the company offering internet over wireless and/or wired.

Part-Time Activities

- July/2014 – Current – **DevOp/Sysadmin Lead** , **Zoop** (In-person (card present) and online payments for marketplaces & crowdfunding)
Part-time job as remote sysadmin responsible for cloud architecture and management of all environment, including linux servers, services and databases; System Architecture; AWS Multizone Distributed Systems; SysAdmin tasks; Linux System Administration; Server Deployment & Management; Cloud Security, PCI/DSS; Technologies involved: Amazon WebServices (Route53, IAM, S3, SQS, EC2, VPC, RDS, ELB), CentOS Linux, Nginx, Tomcat, SSL, Exim, NodeJS, Docker, IPSEC, OpenVPN, Zabbix.

- June/2014 – August/2014 – **Sysadmin**, **ResolveAí** (Mobile E-hailing application)
Administration of web servers and database on Rackspace Cloud; Migrating servers, MySQL replication configuration, deployment, monitoring, adjustments in security policies, implementation of SSH keys, migration Apache to Nginx on all Web servers; Technologies involved: CentOS Linux, NodeJS, MongoDB, MySQL, Nginx, Apache,VsFTPD, Exim, Memcached, RabbitMQ.

- November/2013 – April/2014 – **Sysadmin**, **RimuHosting** (VPS and Dedicated Server Hosting)
Remote Sysadmin for coverage over the New Zealand weekends as a part-time support staff with the following activities: Customer server sysadmining ; Linux administration (CentOS, Debian); Troubleshooting performance issues; Installing webapps, tomcat, plesk/cpanel/virtualmin, ssl certificates; Finding and resolving server exploits; Handling physical server provisioning/installs; Setup and management of web servers, ftp, dns, etc. This activity has helped me improve my English and my technical knowledge.

- June/2010 – December/2010 – **Microsoft Instructor, Mcury** (Training Center for Certification Exams - http://www.mcury.com.br)
Training for IT professionals from various companies focusing on preparation for the certification exam MCP in Windows Server 2003 (Exam 70-290).

- July/2009 – June/2010 – **IT Consultant, Ottimiza Engenharia** (Company of Engineering Projects)
Coordination, planning, management, control and execution of the activities of the department. Among the activities we highlight the migration of approximately 70 workstations and 2 servers for domain environment with Windows Server 2008 R2 and deploying Linux Firewall providing network security, access monitoring, content filtering and restricting access.

Other Informations

- Certifications:
  - **Rackspace:** Cloud University
  - **LPI**: Junior Level Linux Professional (**LPIC-1**); Advanced Level Linux Professional (**LPIC-2**)
  - **Microsoft**: Microsoft Certified Systems Administrator (**MCSA**);
  - **Novell**: Novell Certified Linux Administrator (**NCLA**); Novell Data Center Technical Specialist (**NDTS**)
  - **Conectiva Linux**: Conectiva Linux Certified Systems Administrator (October/2004)

- Speeches (All presentations available at http://slideshare.net/rmmartins):
  - Presentation on internal tech-talk at Passei Direto company with the theme "AWS for Developers" on November 5, 2014;
  - Speaker in VI edition of Free Software Forum in Duque de Caxias, entitled Cloud Computing & CloudStack, 25 October 2014;
  - Speaker in the first edition of the Cycle of Lectures of Senac Rio, with the topic of Cloud Computing on August 15, 2014;
  - Speaker at the 2014 edition of the Latin American Festival of Free Software on the topic "Cloud Computing" on April 26, 2014;