

Rob den Braber

Function	Linux DevOps Engineer
Date of birth	1 February 1971
Residence	Hoofddorp
Nationality	Dutch
Phone number	+31 6 52 67 96 03
Email	rdbraber@linora-solutions.nl
Languages	Dutch and English
Experience since	1999
Interests	Linux, Virtualization, Docker, Kubernetes, Ansible, DevOps, Configuration Management, Continuous Integration, Cloud
Hobbies	Running, snowboarding, computer
Personal characteristics	Custom driven, willing to learn, social, autodidact

Abstract

Recent activities:

As a DevOps Cloud Engineer at Cobase, I'm building the infrastructure to run a multibank platform. The infrastructure is using the following techniques: Azure, Docker, Kubernetes, Azure DevOps and Chef.

As a Linux DevOps Engineer at Avisi, I've build an AWS stack with the help of Hashicorps Terraform and Ansible. The stack used a Postgresql RDS database, multiple VMs, a loadbalancer all running in a Virtual Private Cloud.

As a Linux DevOps Engineer at ING, I've been involved with the setup of a complete Oracle Exa stack, with the Exadata, Exalogic, Exalytics, Oracle VM and ZFS storage appliances. Main focus was the setup of different Linux systems with the same setup. I was asked to write a script to accomplish this, but choose to use a configuration management tool for this. After comparing different options Ansible was the one that was chosen, because it was easy to learn and not hard to setup. Currently the configuration of all the Linux physical systems and Linux virtual systems is done with Ansible. Also the complete Disaster Recovery scenario is scripted in Ansible.

Other activities are:

- Deciding which architecture to use for the Oracle stack
- Completely automate the installation and configuration of Oracle Enterprise Linux (Red Hat compatible)
- Handling of Incidents and Changes Linux
- Maintenance off the complete Oracle stack, which contains servers, network switches & storage appliances
- Automation of the complete installation and configuration of new virtual servers on Exalogic
- Scrum master of the Exa squad

Recent given courses and workshops:

For Vijfhart I have created a 2-day Oracle VM course.

I've created two workshops for my colleagues at the ING:

- Ansible basics
- Docker (<https://github.com/rnbraber/docker-workshop>)

Recent certification:

- [Docker Certified Associate](#)
- [Kubernetes Certified Administrator](#)
- [MCSA: Cloud Platform - Certified 2018](#)
- [Red Hat Certified Engineer RHEL7](#)
- [Red Hat Certificate of Expertise in Ansible Automation](#)
- [AWS Certified Solutions Architect - Associate](#)
- [AWS Certified Developer - Associate](#)

Planned certification:

- Certified Kubernetes Administrator (self-education)

Recently visited conferences and meetups:

- Red Hat Forum
- AnsibleFest London 2017
- Config Management Camp 2017 Gent
- Docker meetups
- Ansible meetups
- DevOps meetups

Recently gained knowledge (self-education):

- Docker
- Vagrant
- Git
- GitLab
- Amazon Web Services (AWS)
- Terraform

Education

1992	MTS Elektrotechniek
1987	MAVO

Business courses/Workshops

2018	Self-education	Kubernetes Certified Administrator + exam
2018	Self-education	MCSA: Cloud Platform - Certified 2018
2018	Self-education	AWS Certified Developer - Associate
2018	Self-education	Docker Certified Associate
2017	Self-education	AWS Certified Solutions Architect - Associate
2017	Self-education	Red Hat Certificate of Expertise in Ansible Automation
2016	Self-education	Red Hat Certified Engineer RHEL7 certification
2014	Puppetlabs	Puppet Fundamentals
2014	Global Knowledge	Red Hat Certified Engineer RHEL6 certification
2011	Self-education	Oracle VM Essentials Including certification Oracle VM 2 for x86 Certified Implementation Specialist
2010	Transfer Solutions Education	Oracle Weblogic Server 11g
2008	Oracle University	Oracle Database 10g: RAC for Administrators Release 2 (Database) including certification Oracle Database 10g: Real Application Cluster Administrator Certified Expert
2008	Self-education	Oracle Database 10g: Managing Oracle on Linux for DBAs including certification Managing Oracle on Linux Certified Expert
2007	Self-education	OCA Application Server 10g Administrator including certification Oracle Certified Associate
2005 - 2006	Oracle University	Oracle Database 10g: Administration Workshop II including certification Oracle Certified Professional Oracle Database 10g: Administration Workshop I including certification Oracle Certified Associate

2004	Self-education	Red Hat Certified Engineer RHEL3 certification
2002	Global Knowledge	Tru64 Unix V5.x System Administration including exam Tru64 Unix V5.0 Administration, Support & Integration
2001	Quint Wellington Redwood Academy	ITIL Essentials with exam
1999	Sybase	Fast Track to Adaptive Server Enterprise 11.5
1999 - 2000	Global Knowledge	OpenVMS System Performance Management OpenVMS Management I en II OpenVMS Advanced Management III OpenVMS Cluster Management DCL programming TCP/IP UCX DECnet Polycenter products
1999	Vos & Partners	Professionele vaardigheden
1999	VX8000	ITIL essentials
1998	Teyler College	Praktijkdiploma Informatica (PDI1)
1997	Dirksen Opleidingen	Eerstelijns PC-technicus

Summary product knowledge and experience

Hardware	VAX, Alpha Itanium	Intel Oracle Exadata, Exalogic, Exalytics
Operating Systems	Linux OSX HP-UX AIX	Microsoft Operating Systems Tru64 Unix
Virtualization	Oracle VM 2 en 3 Oracle VirtualBox VMWare Workstation, Player en Fusion	
Languages	Bash	DCL, SQL
Databases	Oracle RDBMS 8i, 9i, 10g, 11gR2 & 12c MySQL	Oracle Rdb

Tools Oracle Enterprise Manager
 10,11 & 12c
 MS Office
 Ansible, Puppet, Terraform &
 Chef

Methods ITIL, Kanban, Agile, Scrum

February 2010 – present

Position	Teacher
Company	Vijfhart, Nieuwegein
Hardware	X86
Operating System	Oracle VM 2, Oracle VM 3 & Oracle Enterprise Linux 6
Activities	<ul style="list-style-type: none">• Teach my created Oracle VM course.

April 2018 – present

Position	Linux DevOps engineer
Company	Cobase, Amsterdam
Cloud	Microsoft Azure
Operating System	RedHat Linux, Ubuntu 16.04
Software	Docker, Kubernetes, Chef
Activities	<ul style="list-style-type: none">• Building an infrastructure for a multibank platform.• Building CI/CD pipelines in Microsoft Devops.

January 2018 – Februari 2018

Position	Linux DevOps engineer
Company	Avisi, Arnhem
Cloud	AWS (Amazon Web Services)
Operating System	Ubuntu 16.04
Software	Ansible, Terraform, Bitbucket
Activities	<ul style="list-style-type: none">• Building a test environment on AWS with Terraform and Ansible to run the Atlassian Jira and Confluence applications.

March 2015 – December 2017 (03-2015 till 12-2016 via Grid-IT, 2017 ING employee)

Position	DevOps engineer
Company	ING, Amsterdam
Hardware	Exadata, Exalogic, Exalytics, SUN X4-2 & SUN ZFS appliance

Operating System	Oracle Linux 5, Oracle Linux 6 (Red Hat compatible)
Software	Ansible, Oracle RDBMS, Enterprise Manager 12, Oracle VM 3
Activities	<ul style="list-style-type: none">• Design and installation of virtual machines with Oracle Linux for the installation of Oracle software.• Design and installation of Oracle VM 3.• Create scripts for the automatic deployment of virtual machines on Oracle VM.• Design and configuration of Oracle Linux with Ansible.• Support for Application Engineers.• Scrum master for the Exa squad.

September 2006 – December 2014 (09-2006 till 09-2008 via VXCompany / 09-2008 – 12-2014 via Grid-IT)

Position	Linux System administrator
Company	Rabobank, Zeist
Hardware	IBM, HP, EMC, Exadata
Operating System	Oracle Enterprise Linux 4, Oracle Enterprise Linux 5
Software	Oracle 8.1.7, Oracle 9.2.0.6, Oracle 10g release 2, Oracle 11g release 2, Oracle Enterprise Manager 10, Oracle Enterprise Manager 11, Oracle Enterprise Manager 12, ASM, RMAN, Dataguard, Oracle Application Server 10g release 2, Oracle VM 2, Oracle VM 3
Activities	<ul style="list-style-type: none">• Design, maintain and improve of Oracle Linux and Oracle VM infrastructure for the Oracle ECO stack.• Install systems with Oracle software, like CRS, ASM, Grid Infrastructure, Enterprise Manager and databases.• Part of a team for daily maintenance.• Solving incidents and performing changes.• Team coordinator Oracle Enterprise Linux team. Control some Oracle DBA's for the installation and configuration of Oracle Linux for a pilot.• Upgrade of systems with Oracle Enterprise Linux 4, CRS 11gR1, ASM 11gR1, RDBMS 10gR2 and Enterprise Manager 10g to Oracle Enterprise Linux 5, Grid Infrastructure 11gR2, RDBMS 11gR2 and Enterprise Manager 11g.• Participate in the ECO3 project. ECO3 is the new Oracle infrastructure, build on top of Oracle products: Oracle VM 3, Oracle Enterprise Linux 5, Oracle RDBMS 11.2, Oracle Weblogic 11 with as key component Oracle Enterprise Manager 12c.