

Mirantis OS100 OpenStack Bootcamp I and Certification Exam

Offer for Swisscom

Swisscom (Schweiz) AG
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Dear Mr. Varela Porteiro

In response to the request of Peter Mueller concerning the Training for "OS100 Open-Stack from Mirantis", we are pleased to submit our detailed offer for your consideration.

All enclosed documents and information are to be treated in strict confidence and shall not be disclosed to third parties without the prior written consent of Ericsson. Within the Swisscom organization, access to the enclosed documents and information shall only be granted to persons on a need to know basis and in relation with specific information.

Distribution:
Swisscom (e-mail): Abel Varela Porteiro, Peter Müller
Ericsson (e-mail) Learning Services



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1 OS100 OpenStack Bootcamp I and Certification Exam

1.1 Course Description

This course and exam bundle is for IT operations, Network Admins, Security or Storage architects responsible for design, and/or indirect support and operation of an OpenStack installation. The course provides participants with a detailed understanding of all of the steps necessary to operate an OpenStack environment. The lecture covers OpenStack architecture, best practices, provisioning workflow, component interaction, and is the best preparation for the real-world challenges faced by OpenStack experts. The course is broken up in three sections: lectures, labs, and hands-on certification.

The lectures provide students with an overview of OpenStack and its Architecture, Openstack Networking, Cloud Storage using Swift, Metering with Ceilometer, Orchestration using Heat templates, and a look-ahead to the OpenStack roadmap.

The labs provide hands-on experience in an all-in-one OpenStack Environment. Students will be given opportunities to use and administer OpenStack using horizon and command line. Over the course of 12+ lab modules, students will get to practice and engage with all core components of OpenStack. The labs conclude with a comprehensive review to solidify the hands-on skills that are required to operate an OpenStack environment.

The certification exam tests candidates' ability to create, configure, and manage private clouds using OpenStack. The exam will run on the 4th day and is completely hands-on with an allotted time of three hours. The course will prepare students for the certification exam.



1.2 Objectives

The OpenStack Bootcamp I course covers the critical skills needed to operate an OpenStack cluster. Upon completing this course, students will be able to:

- Describe the architecture of an OpenStack Cloud Environment
- Define the key features of OpenStack
- Identify suitable use-cases for OpenStack
- Implement and use Image, Identity, and Dashboard services
- Create and manage images and instances
- Create and manage roles, users, and quotas
- Find additional OpenStack help and support resources
- Use the CLI and Dashboard
- Create and manage roles, permissions, and ACLs

Outline

- Course Introduction
- OpenStack Overview and Architecture
- OpenStack Networking deep dive
- OpenStack Swift Architecture
- Ceilometer Overview and Architecture
- Heat Overview and Architecture
- Comprehensive Review
- OpenStack Administrator Certification Exam (MCA200)

1.3 Target audience

- Systems Administrators
- Technical IT Professionals



1.4 Prerequisites

- Basic Linux command line
- Virtualization concepts
- Networking concepts

1.5 Lab requirements

- Laptop with Wifi Card
- Firefox or Chrome
- SSH and SCP Software

1.6 Scope

Training execution:	Onsite instructor-led training
Training dates:	W36 2018, 4 th – 7 th September Hours 9:00 a.m. – 5:00 p.m.
Training duration:	4 days
Training location:	EAS Postparc
Course Language:	English
Course material/documentation:	Documentation will be delivered by Mirantis only as soft copy
Number of participants:	7 participants from Swisscom
Instructor:	From Mirantis



2 Your Investment

2.1 Bootcamp I (OS100) + Exam

Please find below the price for "Swisscom Mirantis Bootcamp I (OS100) + Exam"

	#	Price [CHF] per item		Total	
Fixed Cost (6 seats)	1	CHF	25'333.33	CHF	25'333.33
Additional seat	1	CHF	622.22	CHF	1'866.67
Coordination	7	CHF	185.00	CHF	1'400.00
TOTAL					CHF 28'600.00

Please consider that VAT is not included in the price above.



3 Commercial Conditions

3.1 Valid regulations

The commercial conditions of this offer are in accordance with the STC (Swiss Terms and Conditions, doc. no. EAS/S/M:04-9579Uen) agreed between Swisscom AG and Ericsson AG and valid from 1st November 2004 if not stated otherwise in this offer or the referenced documents.

3.2 Cancellation Policy

Once a course has been confirmed, the full 100% fee will be charged on all courses cancelled 4 weeks or less before the start date. Ericsson reserves the right to reschedule or cancel courses to help maximize training resources. The customer shall be fully informed and consulted about any proposed changes to course schedules.

3.3 Payment conditions

100% at Delivery

Payment is required within 30 Days net after the invoicing.

3.4 Prices

VAT is not included.

3.5 Changes of inquiries, products, projects

Any subsequent changes, revisions or amendments to the required specifications are not automatically included as a part of this offer but are subject to a separate offer.



4 Administration

4.1 Validity of the offer

16th August 2018

4.2 Responsibility

Account Manager

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We thank you for your inquiry and interest in this offer, and look forward to taking the next steps with you

For any further questions or clarifications concerning this offer, Ms. Christiane Moser, +41 79 235 93 76, would be pleased to assist.

Yours sincerely,

ERICSSON AG

Sébastien Mock
Key Account Manager Swisscom


Beat Woelfli
Commercial Manager Switzerland