

Michael Braun

Date of birth: June 27, 1965

E-mail: michael.braun@directbox.com

has successfully completed the following openSAP course:

Text Analytics with SAP HANA Platform

Instructor: Anthony Waite

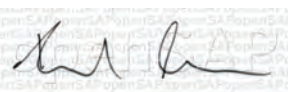
This four-week online course was held from January 19 through February 24, 2016. It comprised 4-6 hours of learning effort per week, 4 weekly assignments, and 1 final exam.

The course covered the following topics:

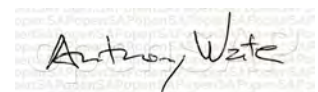
- Overview: Text in SAP HANA Platform
- Text Analysis: Entity Extraction
- Text Analysis: Relationship Extraction
- Text Mining

Maximum score possible for this course: 240 points.

The candidate scored 194 points (81%) by working on weekly assignments and taking a final exam.



Dr. Bernd Welz
Executive Vice President
SAP Scale, Enablement & Transformation



Anthony Waite
Instructor

Walldorf, February 2016



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openSAP

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Michael Braun

Date of birth: June 27, 1965

E-mail: michael.braun@directbox.com

has successfully completed the following openSAP course:

Reporting with SAP Business ByDesign

Instructors: Henriette Willhauck, Stefan Kraus, and

Knut Heusermann

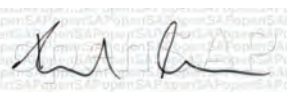
This four-week online course was held from January 20 through February 25, 2016. It comprised 4-6 hours of learning effort per week, 4 weekly assignments, and 1 final exam.

The course covered the following topics:

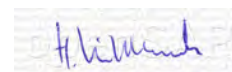
- Introduction and Getting Started
- Analytics from an End-User Perspective
- Analytics from a Key-User Perspective
- Microsoft Excel-Based Reporting

Maximum score possible for this course: 240 points.

The candidate scored 200 points (83%) by working on weekly assignments and taking a final exam.



Dr. Bernd Welz
Executive Vice President
SAP Scale, Enablement & Transformation



Henriette Willhauck
Instructor



Stefan Kraus
Instructor



Knut Heusermann
Instructor

Walldorf, February 2016



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Michael Braun

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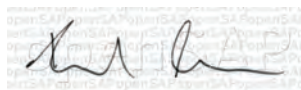
has successfully completed the following openSAP course:
**Digital Transformation Across the
 Extended Supply Chain – In a Nutshell**

This course was held from January 11 through February 9, 2016 and comprised 2-3 hours of learning effort and 1 course assignment.

This course provided an introduction to Digital Transformation Across the Extended Supply Chain and how these new supply chains are more connected, more intelligent, more responsive, and more predictive.

Maximum score possible for this course: 30 points.

The candidate scored **28 points (93%)** by taking a course assignment.



Dr. Bernd Welz
Executive Vice President
SAP Scale, Enablement &
Transformation



Hans Thalbauer
Senior Vice President
Extended Supply Chain



Richard Howells
Vice President, Go To
Market
Extended Supply Chain

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Walldorf, February 2016



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Michael Braun

Date of birth: June 27, 1965

E-mail: michael.braun@directbox.com

has successfully completed the following openSAP course:

Introduction to Ariba

Instructors: Elizabeth Craymer, Drew Hofler, Lloyd Keays
and Michael Koch

This three-week online course was held from November 10 through December 9, 2015. It comprised 2-3 hours of learning effort per week, 3 weekly assignments, and 1 final exam.

The course covered the following topics:

- The Digital Economy and Ariba Spend Visibility, Ariba Supplier Information Management
- Ariba Sourcing Professional, Ariba Contract Management, and Ariba Procure-to-Pay
- Ariba Network, Payment Innovations, and Seller Advantages

Maximum score possible for this course: 180 points.

The candidate scored 172 points (96%) by working on weekly assignments and taking a final exam.

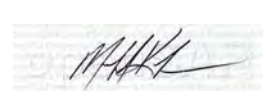
The candidate belongs to the top 5% of the course participants.



Dr. Bernd Welz
Executive Vice President
SAP Scale, Enablement &
Transformation



Lloyd Keays
Instructor



Michael Koch
Instructor

Walldorf, December 2015



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Record of Achievement

Thought Leaders

Michael Braun

Date of birth: June 27, 1965

E-mail: michael.braun@directbox.com

has successfully completed the following openSAP
thought leaders course:

Cybersecurity – The Essential Challenge for Digital Transformation

Instructor: Prof. Dr. Christoph Meinel

This two-week thought leaders course was held from November 11
through December 10, 2015. It comprised 4-6 hours of learning effort
per week and 2 weekly assignments.

The course covered the following topics:

- Digital World and Cybersecurity
- Cybersecurity in Context

Maximum score possible for this course: 60 points.

The candidate scored 60 points (100%) by working on weekly assignments
and taking a final exam.

The candidate belongs to the top 5% of the course participants.



Michaela Laemmler
Dean, openSAP University



Prof. Dr. Christoph Meinel
Scientific Institute Director and
CEO of the Hasso Plattner Institute

Walldorf, December 2015

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open online courses. It
supports you in acquiring
knowledge on key topics for
success in the SAP ecosystem.



openSAP
**Thought
Leaders**

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Michael Braun

Date of birth: June 27, 1965

E-mail: michael.braun@directbox.com

has successfully completed the following openSAP course:

SAP S/4HANA – Use Cases

Instructors: Sven Denecken and Bert Schulze

This three-week online course was held from November 4 through December 3, 2015. It comprised 3 hours of learning effort per week, 3 weekly assignments, and 1 final exam.

The course covered the following topics:

- Intro & SAP S/4HANA Use Cases (1)
- SAP S/4HANA Use Cases (2)
- Business Driver & Value Lever Framework

Maximum score possible for this course: 180 points.

The candidate scored 178 points (99%) by working on weekly assignments and taking a final exam.

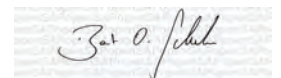
The candidate belongs to the top 20% of the course participants.



Dr. Bernd Welz
Executive Vice President
SAP Scale, Enablement &
Transformation



Sven Denecken
GVP, Strategy and
Co-Innovation SAP
S/4HANA, SAP SE



Bert Schulze
VP, Strategy and
Co-Innovation SAP
S/4HANA, SAP SE

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.



Walldorf, December 2015

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Michael Braun

Date of birth: June 27, 1965

E-mail: michael.braun@directbox.com

has successfully completed the following openSAP course:

SAP NetWeaver Upgrades in a Nutshell

Instructors: Arvin Chiu, Tomas Black

This one-week online course was held from November 2 through December 1, 2015. It comprised 3-4 hours of learning effort and 1 course assignment.

The course provided an overview of planning and preparation for upgrading systems based on NetWeaver, including Software Update Manager roadmap steps, optimizing upgrade performance, utilizing the database migration option, and troubleshooting.

Maximum score possible for this course: 30 points.

The candidate scored 30 points (100%) by taking a course assignment.



Dr. Bernd Welz
Executive Vice President
SAP Scale, Enablement &
Transformation



Arvin Chiu
Instructor



Tomas Black
Instructor

Walldorf, December 2015



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Michael Braun

Date of birth: June 27, 1965

E-mail: michael.braun@directbox.com

has successfully completed the following openSAP course:

SAP Business Networks in a Nutshell

Instructors: Steve Singh, Alex Atzberger, Rob Brimm and Elena Donio

This course was held from October 20 through November 18, 2015, and comprised 3 hours of learning effort and 1 course assignment.

SAP Business Networks in a Nutshell is about how Ariba, Concur, and Fieldglass – the three companies that make up SAP's Business Network Group – look beyond the four walls of a business to integrate and connect systems, services, partners, and data to create more efficient, more powerful, and much simpler means of managing key business functions.

Maximum score possible for this course: 30 points.

The candidate scored 27 points (90%) by taking a course assignment.



Dr. Bernd Welz
Executive Vice President
SAP Scale, Enablement & Transformation



Michaela Laemmler
Dean
openSAP University

Walldorf, November 2015



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openSAP

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Record of Achievement

Thought Leaders

Michael Braun

Date of birth: June 27, 1965

E-mail: michael.braun@directbox.com

has successfully completed the following openSAP
thought leaders course:

Leadership in Digital Transformation

Instructor: Prof. Dr. Helmut Krcmar

This two-week thought leaders course was held from October 6 through November 4, 2015. It comprised 4-6 hours of learning effort per week and 2 weekly assignments.

The course covered the following topics:

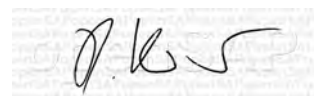
- Understanding Digital Transformation
- How Leadership Has to Evolve

Maximum score possible for this course: 60 points.

The candidate scored 52 points (87%) by working on weekly assignments.



Michaela Laemmler
Dean, openSAP University



Dr. Helmut Krcmar
Instructor

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Walldorf, November 2015



openSAP
Thought
Leaders

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Michael Braun

Date of birth: June 27, 1965

E-mail: michael.braun@directbox.com

has successfully completed the following openSAP course:

Transformation to Hybrid Landscapes

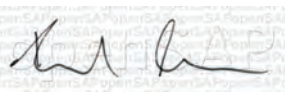
Instructors: Rob Glickman, Dr. Volker Stiehl, Ümit Özdemir, Stefan Klostermann, and Maik Schmalstich

This five-week online course was held from July 2 through August 13, 2015 and covered the following topics:

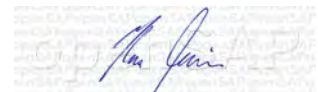
- Introduction
- Best Practices for Integration
- Security
- Operations
- Transformation – Your Next Steps

Maximum score possible for this course: 300 points.

The candidate scored 259 points (86%) by working on weekly assignments and taking a final exam.



Dr. Bernd Welz
Executive Vice President
SAP Scale, Enablement and Transformation



Dr. Klaus Schmelzeisen
Global Head of Application & Technology
Services (ATS)

Walldorf, August 2015



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openSAP

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.



Michael Braun

Date of birth: June 27, 1965

E-mail: michael.braun@directbox.com

has successfully completed the following openSAP course:

SAP S/4HANA – Deep Dive

Instructors: Featuring SAP S/4HANA experts

This four-week online course was held from June 16 through July 21, 2015 and covered the following topics:

- Why SAP S/4HANA?
- Getting Started with SAP S/4HANA
- Adopt and Move to SAP S/4HANA
- Migration, Consulting, & Support

Maximum score possible for this course: 240 points.

The candidate scored 240 points (100%) by working on weekly assignments and taking a final exam.

The candidate belongs to the top 5% of the course participants.



Dr. Bernd Welz
Executive Vice President
SAP Scale, Enablement & Transformation



Sven Denecken
GVP Strategy & Co-Innovation
SAP S/4HANA
Products & Innovation

Walldorf, July 2015

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.



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Michael Braun

Date of birth: June 27, 1965

E-mail: michael.braun@directbox.com

has successfully completed the following openSAP course:
Build Your Own SAP Fiori App in the Cloud

Instructors: Bob Caswell and Dr. Yoram Friedman

This nine-week online course was held from March 25 through May 27, 2015 and covered the following topics:

- Get to Know SAP Fiori UX
- Design Your First SAP Fiori App
- Create Your First SAP Fiori App
- Enhance Your First SAP Fiori App
- Customize and Extend SAP Fiori Apps
- Build Your Own SAP Fiori App
- SAP Fiori UX Design and Build Challenge

Maximum score possible for this course: 450 points.

The candidate scored 263 points (59%) by working on weekly assignments and taking a final exam.



Dr. Bernd Welz
Executive Vice President
SAP Scale, Enablement & Transformation



Bob Caswell
Instructor



Dr. Yoram Friedman
Instructor

Walldorf, May 2015



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Michael Braun

Date of birth: June 27, 1965

E-mail: michael.braun@directbox.com

has successfully completed the following openSAP course:

SAP Screen Personas

Instructors: Peter Spielvogel, Sebastian Steinhauer

This four-week online course was held from March 31 through May 5, 2015 and covered the following topics:

- SAP Screen Personas Basics
- Building Simplified Screens
- Scripting and Troubleshooting
- Administration and Performance Tips

Maximum score possible for this course: 240 points.

The candidate scored 196 points (82%) by working on weekly assignments and taking a final exam.



Dr. Bernd Welz
Executive Vice President
SAP Scale, Enablement & Transformation



Peter Spielvogel
Instructor



Sebastian Steinhauer
Instructor

Walldorf, May 2015



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openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

openSAP

Michael Braun

Date of birth: June 27, 1965

E-mail: michael.braun@directbox.com

has successfully completed the following openSAP course:

How the Internet of Things and Smart Services Will Change Society

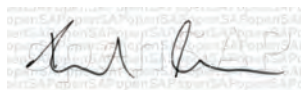
Instructors: Henning Kagermann, Bernd Leukert

This course covered the following topics:


- Key Trends and Terms – the Internet of Things and Industry 4.0
- Smart Services
- Effects on Society
- Challenges and Opportunities for Society
- Key Trends and Terms – Digital Transformation and Business
- Smart Software for Smart Services
- Enabling Technologies
- Challenges and Opportunities for Business

Maximum score possible for this course: 30 points.

The candidate scored 30 points (100%) by taking a course assignment.



Dr. Bernd Welz
Executive Vice President
SAP Scale, Enablement &
Transformation



Prof. Dr. Henning Kagermann
President of acatech



Bernd Leukert
Member of the Executive
Board of SAP SE,
Products & Innovation

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Walldorf, May 2015



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Michael Braun

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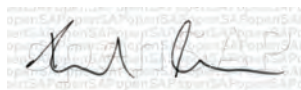
has successfully completed the following openSAP course:
**SAP Business Suite 4 SAP HANA
 in a Nutshell**

This course covered the following topics:

- Welcome (S. Denecken)
- Introduction to SAP S/4HANA (B. Leukert)
- Market Background (M. Schwarz)
- Innovation & Simplification (W. Schreiner)
- Simple Finance as Frontrunner (J. Krüger)
- Roadmapping and the next steps to SAP S/4HANA (R. Hois)
- Start now, a project cloud approach to get proof fast (S. von Berg)
- SAP S/4HANA fueling the Digital Transformation (S. Denecken)

Maximum score possible for this course: 30 points.

The candidate scored 30 points (100%) by taking a course assignment.



Dr. Bernd Welz
Executive Vice President
SAP Scale, Enablement &
Transformation



Sven Denecken
GVP Strategy & Co-Innovation
SAP S/4HANA
Products & Innovation



Bernd Leukert
Member of the Global
Executive Board
Products & Innovation

Walldorf, April/May 2015



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Michael Braun

Date of birth: June 27, 1965

E-mail: michael.braun@directbox.com

has successfully completed the following openSAP course:

Digital Transformation and Its Impact

Instructors: Sven Denecken and Bert Schulze

This four-week online course was held from February 24 through March 31, 2015 and covered the following topics:

- Digital Transformation and Disruption
- Building Blocks and Role of Leadership
- Industry Adaption and the Role of IT
- Examples of Digital Transformation

Maximum score possible for this course: 240 points.

The candidate scored 237 points (99%) by working on weekly assignments and taking a final exam.

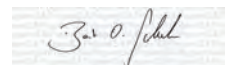
The candidate belongs to the top 5% of the course participants.



Dr. Bernd Welz
Executive Vice President
SAP Scale, Enablement & Transformation



Sven Denecken
Instructor



Bert Schulze
Instructor

Walldorf, April 2015

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Michael Braun

Date of birth: June 27, 1965

E-mail: michael.braun@directbox.com

has successfully completed the following openSAP course:

SAP Business Warehouse powered by SAP HANA


Instructors: Marc Hartz and Ulrich Christ

This four-week online course was held from November 13 through December 18, 2014 and covered the following topics:

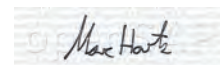
- SAP BW powered by SAP HANA – Intro
- Data Integration & Management
- Data Consumption & Analysis
- Planning & Lifecycle Management

Maximum score possible for this course: 240 points.

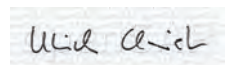
The candidate scored 221 points (92%) by working on weekly assignments and taking a final exam.



Dr. Bernd Welz
Executive Vice President
SAP Solution and Knowledge Packaging



Marc Hartz
Instructor



Ulrich Christ
Instructor

Walldorf, December 2014



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Michael Braun

Date of birth: June 27, 1965

E-mail: michael.braun@directbox.com

has successfully completed the following openSAP course:
**BI Clients and Applications on
 SAP HANA**

Instructors: James Rapp, Foroohar Rafiei and Harjeet Judge

This six-week online course was held from October 29 through
 December 17, 2014 and covered the following topics:

- SAP HANA as an Analytics Platform
- Self-Service
- Dashboards and Applications
- Semantic Layer and Reporting
- Mobility and Cloud
- User Experience Tools and Features

Maximum score possible for this course: 360 points.

The candidate scored 323 points (90%) by working on weekly assignments
 and taking a final exam.



Dr. Bernd Welz
 Executive Vice President
 SAP Solution and Knowledge Packaging



James Rapp
 Instructor



Foroohar Rafiei
 Instructor



Harjeet Judge
 Instructor

Walldorf, December 2014



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openSAP is SAP's platform for
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 supports you in acquiring
 knowledge on key topics for
 success in the SAP ecosystem.

Michael Braun

Date of birth: June 27, 1965

E-mail: michael.braun@directbox.com

has successfully completed the following openSAP course:
Extending SAP Products with SAP HANA Cloud Platform

Instructor: Rui Nogueira

This four-week online course was held from November 11 through December 16, 2014 and covered the following topics:

- Extending SAP Cloud Products
- Cloud Extension in Details
- My First SuccessFactors Extension
- My First SAP Jam Extension


Maximum score possible for this course: 240 points.

The candidate scored 219 points (91%) by working on weekly assignments and taking a final exam.

The candidate belongs to the top 10% of the course participants.



Dr. Bernd Welz
Executive Vice President
SAP Solution and Knowledge Packaging



Rui Nogueira
Instructor

Walldorf, December 2014



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Michael Braun

Date of birth: June 27, 1965

E-mail: michael.braun@directbox.com

has successfully completed the following openSAP course:

Next Steps in Software Development on SAP HANA


Instructors: Thomas Jung, Rich Heilman

This six-week online course was held from October 7 through November 25, 2014 and covered the following topics:

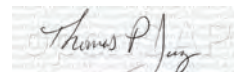
- Introduction
- Database and Modeling
- SQLScript Advanced
- OData Services (XSODATA)
- Server-Side JavaScript (XSJS)
- Miscellaneous Topics / Wrap-Up

Maximum score possible for this course: 360 points.

The candidate scored 334 points (93%) by working on weekly assignments and taking a final exam.



Dr. Bernd Welz
Executive Vice President
SAP Solution and Knowledge Packaging



Thomas Jung
Instructor



Rich Heilman
Instructor

Walldorf, November 2014



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Michael Braun

Date of birth: June 27, 1965

E-mail: michael.braun@directbox.com

has successfully completed the following openSAP course:
SAP's UX Strategy in a Nutshell by Sam Yen

Instructor: Sam Yen

This course covered the following topics:


- Introduction of Design Thinking at SAP
- Consumer Experience for Enterprise Applications
- SAP Fiori UX
- SAP Screen Personas
- Business Case for User Experience
- Wrap-Up

Maximum score possible for this course: 30 points.

The candidate scored 28 points (93%) by taking a course assignment.



Dr. Bernd Welz
Executive Vice President
SAP Solution and Knowledge Packaging



Sam Yen
Instructor

Walldorf, October 2014



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Michael Braun

Date of birth: June 27, 1965

E-mail: michael.braun@directbox.com

has successfully completed the following openSAP course:

ABAP Development for SAP HANA

Instructors: Dr. Jasmin Gruschke and Jens Weiler

This four-week online course was held from September 25 through October 30, 2014 and covered the following topics:

- Getting Started
- ABAP Coding – Where to Optimize?
- ABAP Coding – Ready, Set, Optimize!
- Digging Deeper and Outlook

Maximum score possible for this course: 240 points.

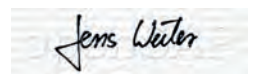
The candidate scored 186 points (78%) by working on weekly assignments and taking a final exam.



Dr. Bernd Welz
Executive Vice President
SAP Solution and Knowledge Packaging



Dr. Jasmin Gruschke
Instructor



Jens Weiler
Instructor

Walldorf, October 2014



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openSAP

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Michael Braun

Date of birth: June 27, 1965

E-mail: michael.braun@directbox.com

has successfully completed the following openSAP course:

Introduction to SAP Fiori UX

Instructors: Prakash Phadnis, Elizabeth Thorburn, and
Jamie Cawley

This six-week online course was held from September 9 through
October 28, 2014 and covered the following topics:

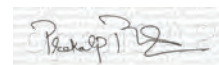
- SAP Fiori UX Basics
- SAP Fiori UX Deployment
- SAP Fiori UX Configuration
- Securing SAP Fiori UX
- SAP UI Tools
- Extending SAP Fiori UX

Maximum score possible for this course: 360 points.

The candidate scored 328 points (91%) by working on weekly assignments
and taking a final exam.



Dr. Bernd Welz
Executive Vice President
SAP Solution and Knowledge Packaging



Prakash Phadnis
Instructor



Elizabeth Thorburn
Instructor



Jamie Cawley
Instructor

Walldorf, October 2014



Verify online: <https://open.sap.com/verify/xudes-rubym-vyrum-rakif-cefyf>

openSAP is SAP's platform for
open online courses. It
supports you in acquiring
knowledge on key topics for
success in the SAP ecosystem.

Michael Braun

Date of birth: June 27, 1965

E-mail: michael.braun@directbox.com

has successfully completed the following openSAP course:
Get to Know SAP's Innovative Enterprise Solutions

Instructors: SAP Product and Solution Experts

This six-week online course was held from September 3 through October 22, 2014 and covered the following topics:

- SAP History and Applications
- SAP Analytics
- Mobility and User Interfaces
- SAP HANA
- SAP Cloud
- Simplified Solution Deployment

Maximum score possible for this course: 360 points

The candidate scored 344 points (96%) by working on weekly assignments and taking a final exam.

The candidate belongs to the top 5% of the course participants.



Dr. Bernd Welz
Executive Vice President
SAP Solution and Knowledge Packaging



Michaela Laemmler
Dean
openSAP University

Walldorf, October 2014



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openSAP

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Michael Braun

Date of birth: June 27, 1965

E-mail: michael.braun@directbox.com

has successfully completed the following openSAP course:

Next Steps in SAP HANA Cloud Platform


Instructor: Rui Nogueira

This six-week online course was held from June 12 through July 31, 2014 and covered the following topics:

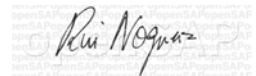
- SAP HANA Native Development
- Git and HTML5 Apps – Part 1
- Git and HTML5 Apps – Part 2
- Advanced Identity Management
- Securing Web APIs
- Additional Features

Maximum score possible for this course: 360 points.

The candidate scored 301 points (83.6 %) by working on weekly assignments and taking a final exam.



Dr. Bernd Welz
Executive Vice President
SAP Solution and Knowledge Packaging



Rui Nogueira
Instructor

Walldorf, August 2014

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Michael Braun

Date of birth: June 27, 1965

E-mail: michael.braun@directbox.com

has successfully completed the following openSAP course:

Sustainability and Business Innovation

Instructor: Dr. Peter Graf

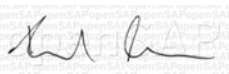
This six-week online course was held from April 29 through June 17, 2014 and covered the following topics:

- The Business Case for Sustainability
- Sustainable Strategies
- Sustainable Business Processes (Part 1)
- Sustainable Business Processes (Part 2)
- Stakeholder Engagement
- Sustainability Reporting

Maximum score possible for this course: 360 points.

The candidate scored 341.3 points (94.8 %) by working on weekly assignments and taking a final exam.

The candidate belongs to the top 5 % of the course participants.



Dr. Bernd Welz
Executive Vice President
SAP Solution and Knowledge Packaging



Dr. Peter Graf
Instructor

Walldorf, June 2014

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Michael Braun

Date of birth: June 27, 1965

E-mail: michael.braun@directbox.com

has successfully completed the following openSAP course:

Rapid Deployment of SAP Solutions

Featuring experts from SAP Ecosystems & Channels and
SAP Solution & Knowledge Packaging teams

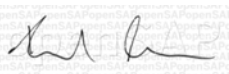
This five-week online course was held from May 14 through June 18, 2014 and covered the following topics:

- General Packaging Overview
- Concepts and Tools Overview
- SAP ERP Foundation Extension incl. ABAP-Based Deployment
- SAP CRM incl. ABAP-Based Deployment
- SAP HANA
- SAP User Experience
- Extending SAP HCM to the Cloud
- Services Offering Creation

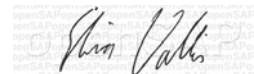
Maximum score possible for this course: 120 points.

The candidate scored 120 points (100 %) by working on weekly assignments.

The candidate belongs to the top 5 % of the course participants.



Dr. Bernd Welz
Executive Vice President
SAP Solution and Knowledge Packaging



Elvira Wallis
SVP & Product Accountable Packaged Solutions
SAP Solution and Knowledge Packaging

Walldorf, June 2014

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Michael Braun

Date of birth: June 27, 1965

E-mail: michael.braun@directbox.com

has participated in the following openSAP course:

SAP Business Suite powered by SAP HANA

Instructor: Experts from Lines of Business, Industries
and SAP HANA Services

This four-week online course was held from April 09 through May 07,
2014 and covered the following topics:

- Getting Started on SAP Business Suite powered by SAP HANA
- Deep Dive for Line of Business
- Deep Dive for Industry
- Next Steps for Existing Customers / Next Steps for New Customers

Maximum score possible for this course: 120 points.

The candidate scored 120 points (100 %) by working on
assignments.

The candidate belongs to the top 5 % of the course participants.



Dr. Bernd Welz
Executive Vice President
SAP Solution and Knowledge Packaging



Amra Huber
Instructor



Michael Lamade
Instructor

Walldorf, May 2014

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knowledge on key topics for
success in the SAP ecosystem.

Michael Braun

Date of birth: June 27, 1965

E-mail: michael.braun@directbox.com

has participated in the following openSAP course:

An Introduction to SAP HANA by Dr. Vishal Sikka

Instructor: Dr. Vishal Sikka

This course covered the following topics:

- Introduction and Background of SAP HANA
- SAP HANA Technology
- SAP HANA Performance Benchmarks
- SAP HANA Roadmap and Re-thinking Software Development
- SAP HANA in Practice

Maximum score possible for this course: 30 points.

The candidate scored 30 points (100 %) by taking a course assignment.

The candidate belongs to the top 5 % of the course participants.



Dr. Bernd Welz
Executive Vice President
SAP Solution and Knowledge Packaging



Michaela Laemmler
Dean
openSAP University

Walldorf, April 2014

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Michael Braun

Date of birth: June 27, 1965

e-mail: michael.braun@directbox.com

has successfully completed the following openSAP course:

BI 4 Platform Innovation and Implementation

Instructors: Henry Banks and James Rapp

This four-week online course covered the following topics:

- Introduction, Architecture and Sizing
- Installation, Upgrade and Promotion
- Troubleshooting, Performance Testing and Authentication
- Performance Optimization


Maximum score possible for this course: 240 points.

The candidate scored 228 points (95 %) by working on weekly assignments and taking a final exam.

The candidate belongs to the top 20 % of the course participants.



Dr. Bernd Welz
Executive Vice President
SAP Solution and Knowledge Packaging



Henry Banks
Instructor



James Rapp
Instructor

Walldorf, December 2013

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Michael Braun

Date of birth: June 27, 1965

e-mail: michael.braun@directbox.com

has successfully completed the following openSAP course:

Introduction to SAP HANA Cloud Platform

Instructor: Rui Nogueira

This six-week online course covered the following topics:

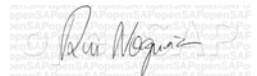
- SAP HANA Cloud Platform Basics
- Persistency Basics
- Advanced Persistency Features
- User Authentication and Security
- Connectivity
- Advanced Features

Maximum score possible for this course: 360 points.

The candidate scored 304.7 points (84.6 %) by working on weekly assignments and taking a final exam.



Dr. Bernd Welz
Executive Vice President
SAP Solution and Knowledge Packaging



Rui Nogueira
Instructor

Walldorf, December 2013

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Michael Braun

June 27, 1965

michael.braun@directbox.com

has successfully completed the following openSAP course:

Introduction to Mobile Solution Development for the Enterprise

Instructor: Craig Haworth

This six-week online course covered the following topics:

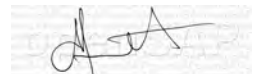
- Introduction to Mobile Development
- Enterprise Mobility
- Creating an Enterprise-ready Application
- OData
- Client Design and Implementation Choices
- Enterprise Security Concept & Outlook

Maximum score for this course: 360 points.

The candidate scored 326 points (90.6 %) by working on weekly assignments and taking a final exam.



Dr. Bernd Welz
Senior Vice President
SAP Solution and Knowledge Packaging



Craig Haworth
Instructor

Walldorf, October 2013

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.

Michael Braun

June 27, 1965

michael.braun@directbox.com

has successfully completed the following openSAP course:

Introduction to Software Development on SAP HANA

Instructor: Thomas Jung

This six-week online course covered the following topics:

- Developing Applications for SAP HANA
- Database Tasks, Loading, and Modeling
- SQLScript Basics
- Exposing and Consuming Data with OData
- Exposing and Consuming Data with Server-Side JavaScript
- SAP HANA Advanced Development Options

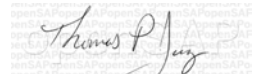
Maximum score for this course: 300 points.

The candidate scored 286 points (95.3 %) by working on weekly assignments and taking a final exam.

The candidate belongs to the top 20 % of the course participants.



Dr. Bernd Welz
Senior Vice President
SAP Solution and Knowledge Packaging



Thomas Jung
Instructor

Walldorf, July 2013

openSAP is SAP's platform for open online courses. It supports you in acquiring knowledge on key topics for success in the SAP ecosystem.