Distance Learning Program – Ansible Automation Platform

What is it?

The Distance Learning Program - Ansible Automation Platform is a new Ansible Automation Platform learning experience to our infrastructure and operations partners.

In a world of cloud-native applications and fast moving business needs, infrastructure and operations need to adopt quickly and compete with public cloud offerings. Every day we are challenged to take the decision to provide reliable, rock-solid IT, or flexible pools of IT resources to develop and test innovations. Automation is a way to speed up how you build new services, optimize existing ones, and connect them all together. Its goal is to deliver "infrastructure as code" to serve business needs leveraging both factors – flexibility and reliability. During this program, you will learn the full breadth of the Red Hat Ansible Automation Platform and learn how to automate tasks in your specific area of focus, be it SAP, Microsoft, Security or Network.

Red Hat has put together this comprehensive learning program that participants can engage with at home or the office to learn everything they need to understand the concepts, the architectural principles and component Red Hat Ansible Automation Platform, for successfully discussing, designing and implementing end-to-end automation processes at a customer site. The product covered in this training is: Red Hat Ansible Automation Platform.

This learning path is designed for the EMEA region and audience.

Audience: Sales Engineers & Delivery

Visit Partner Training Portal

For registration (in Red Hat Partner Training Portal) you need to have an active Red Hat Partner Connect Account.

Prerequisites

- Experience with automation is beneficial.
- Basic knowledge of Red Hat
- Commitment to completion of the full program
- You need to have an active Red Hat Partner Account to access the Partner Training Portal. If you do have questions in regards to this please check our "How to Guide" or contact the EMEA Partner Team emea-partner-team@redhat.com

How is the Distance Learning Program - Ansible Automation Platform set up?

This program will run over the course of 4 weeks, starting with a kick-off webinar for all registrants. There is an anticipated 2-11 hours of content per week to be completed.

The core weeks are laid out as follows:

Week 1	Ansible foundations	5.5 hours
Week 2	Automation	11 hours
Week 3	Hackathon preparation and homework assignment	7-9 hours
Week 4	Closing workshop	2 hours

Detailed Agenda | Distance Learning Program – Ansible Automation Platform

To see your personal progress please log in here.

The different formats:

	Live interactive webinar		Course		Video		Homework assignment		Instructor-led training

Accreditation: The requirements of the Distance Learning Program – Ansible Automation Platform are most closely aligned with the Red Hat Sales Engineer Specialist – Automation accreditation path. Click the button "Go to Accreditation Path" at the bottom of the Distance Learning Program to view and complete the remaining requirements to earn the accreditation.

Week 1	Ansible foundations	5.5 hours
Course name	**Description**	**Duration**
Red Hat Ansible Automation Platform Introductory Webinar	This Webinar will introduce you to the full program, timeline and a session on getting access to OPEN, as well as the full architecture and scope of Ansible Automation Platform.	1 hour
Red Hat Foundations	In this course, you will hear about Red Hat and how Red Hat established a successful business supporting enterprise customers based on open source standards.	2 hours
Introduction to Automation (course plus assessment)	This course focuses on helping learners succeed in customer conversations around automation to accelerate the gains of digital transformation initiatives. Note: This offering consists of both a course and an assessment.	30 mins
How to Sell Red Hat Ansible Automation Platform (course plus assessment)	This course focuses on Red Hat Ansible Automation. Learners will understand the IT challenge that Red Hat Ansible Automation Platform solves, along with its key use case. They will learn how to identify good prospects for Red Hat Ansible Automation Platform sales, how to ask productive questions, and how to respond to customer objections. Learners will also understand the pricing model, and they will be able to place Red Hat Ansible Automation Platform in the context of the Red Hat portfolio. Note: This offering consists of both a course and an assessment.	30 mins
Selling Tower to Ansible CLI Users	How to sell Ansible Tower to existing Ansible open source or Ansible CLI Users	6 mins

Week 2	Automation	11 hours

Course name	Description	Duration
Red Hat Ansible Automation Platform Foundation Webinar	This Webinar will introduce you to Ansible Platform Foundation and the basics of using and demoing Red Hat Ansible Automation Platform.	1 hour
Red Hat Ansible Automation Platform Foundations (course plus assessment)	Red Hat Ansible Automation Platform Foundations provides students with the foundational knowledge and tools needed to create basic Ansible playbooks, navigate Red Hat Ansible Tower, and explain various hosted services and integrations for Red Hat Ansible Automation Platform. Note: This offering consists of both a course and an assessment.	10 hrs

Week 3	Hackathon preparation and homework assignment	7-9 hours

Course name	Description	Duration
Red Hat Ansible Hackathon Preparation Webinar	This webinar will introduce you to the basics and the preparation of the Hackathon.	1 hour
Ansible Hackathon Prep Part I - Coding with Style	"Hackathon prep Part 1" - Style Guide Concepts and Roles to make Ansible Code reusable. Understand the concepts used and preserve the ability to scale.	1 hour
Ansible Hackathon Prep Part II - Collaboration/GIT	"Hackathon prep Part 2" - Using Source Control to collaboratively work on your Ansible Playbooks using Git, Github and Gitlab. Offer and reuse code in exchange with other departments to preserve and foster specific know how.	1 hour
Ansible Hackathon Prep Part III - Complex Solution Demo	"Hackathon prep Part 3" - have a look at a complex end2end workflow based on a real world use case. Using Ansible Tower and Workflows for complex Application Rollouts	1 hour
Ansible Hackathon Prep Part IV - Automation	"Hackathon prep Part 4" - Advanced Ansible Concepts for Day 2 Operations, Scale and Delegation through Bastion Hosts, Testing and TroubleShooting best practice.	1 hour
Homework assignment	Choose one out of three real-world automation Scenarios presented to you by the instructor in week 3. Write your own Ansible playbook or role to solve the given scenario.	2-4 hours

Week 4	Closing Workshop	2 hrs

Course name	Description	Duration
Red Hat Ansible Automation Platform Closing Workshop	This workshop will be the platform for your final presentation and final questions.	2 hours

⚙ Accreditation

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▮ Additional recommendations — up to 24.5 hrs

Course name	Description	Duration
Ansible for SAP: Only choose if SAP is relevant for you		
🖥 Red Hat Ansible Automation for SAP Solutions - Sales	By 2020, 90 percent of SAP customers will be on hybrid cloud deployments. In this video, the second of a three-part series, learn how Red Hat supports the customer journey to SAP transformation, with Red Hat solutions that are aligned to all four of SAP's principal offerings.	20 mins
🖥 Red Hat Ansible Automation for SAP Solutions - Delivery	The course reviews Ansible Automation architecture and covers roles and variables in-depth, including locations and precedence. It shows how SAP Notes are implemented with Ansible Roles.	up to 24 hours
If SAP is not relevant for you, please choose one of the following:		
🖥 Presentation & Lab: **Ansible for Security**	Ansible Security Automation Download the PDF (Github) Lab via Red Hat Product Demo System – Folder "Workshops"	up to 4 hours
🖥 Presentation & Lab: **Ansible for Networks**	Ansible Network Automation Workshop Download the PDF (Github) Lab via Red Hat Product Demo System – Folder "Workshops"	up to 4 hours
🖥 Presentation & Lab: **Ansible for Windows**	Ansible Windows Automation Workshop Download the PDF (Github) Lab via Red Hat Product Demo System – Folder "Workshops" Video "Ansible Essentials for Windows Episode" Configuring Windows Host for Ansible communication (5 mins) Video "Ansible Essentials for Windows Episode 2" Creating an Inventory File (7 mins)	up to 4 hours

About Red Hat

Red Hat is the world's leading provider of open source solutions, using a community-powered approach to provide reliable and high-performing cloud, virtualization, storage, Linux, and middleware tech-nologies. Red Hat also offers award-winning support, training, and consulting services. Red Hat is an S&P company with more than 80 offices spanning the globe, empowering its customers' businesses.

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