1. Record Nr.   UNINA9910798073703321

   Autore   Shah Gourav

   Titolo   Ansible playbook essentials : design automation blueprints using
                        Ansible's playbooks to orchestrate and manage your multitier
                        infrastructure / / Gourav Shah

   Pubbl/distr/stampa   Birmingham, England : , : Packt Publishing, , 2015
                        ©2015

   ISBN   1-78439-561-7

   Edizione   [1st edition]

   Descrizione fisica   1 online resource (168 p.)

   Collana   Community Experience Distilled

   Disciplina   006.76

   Soggetti   Software configuration management
                        Open source software

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Note generali   Description based upon print version of record.

   Nota di bibliografia Includes bibliographical references and index.

   Nota di contenuto   Cover; Copyright; Credits; About the Author; Acknowledgments; About
                        the Reviewers; www.PacktPub.com; Table of Contents; Preface; Setting
                        Up the Learning Environment; Chapter 1: Blueprinting Your
                        Infrastructure; Getting introduced to Ansible; Plays; YAML - the
                        playbook language; Our first playbook; Creating a host inventory;
                        Patterns; Tasks; Modules; Running the playbook; Review questions;
                        Summary; Chapter 2: Going Modular with Ansible Roles; Understanding
                        roles; Naming roles; The directory layout for roles; Creating a site-wide
                        playbook, nesting, and using include statements
                        Creating the www playbookThe default and custom role paths;
                        Parameterizing the roles; Creating a base role; Refactoring our code -
                        creating a base role; Creating an Nginx role; Adding role dependencies;
                        Managing files for Nginx; Automating events and actions with handlers;
                        Adding pre-tasks and post-tasks to playbooks; Running playbooks
                        with roles; Review questions; Summary; Chapter 3: Separating Code
                        and Data - Variables, Facts, and Templates; Static content explosion;
                        Separating code and data; Jinja2 templates; The template formation;
                        Facts and variables; Automatic variables - facts
                        User-defined variablesWhere to define a variable; How to define a
                        variable; Templating the Nginx configurations; Adding another layer -
                        the MySQL role; Creating the scaffolding for the roles with Ansible-

Sommario/riassunto	If you are a systems or automation engineer who intends to automate common infrastructure tasks, deploy applications, and use orchestration to configure systems in a coordinated manner, then this book is for you. Some understanding of the Linux/Unix command-line interface is expected.

2.	Record Nr.	UNINA9910484702303321
	Autore	Bozek Pavol
	Titolo	Diagnostics of Mechatronic Systems / / by Pavol Božek, Yury Nikitin, Tibor Krenický
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
	ISBN	3-030-67055-4
	Edizione	[1st ed. 2021.]
	Descrizione fisica	1 online resource (79 pages) : illustrations
	Collana	Studies in Systems, Decision and Control, , 2198-4190 ; ; 345
	Disciplina	621 621.3
	Soggetti	Mechatronics Artificial intelligence Dynamics Nonlinear theories Artificial Intelligence Applied Dynamical Systems
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references.
	Nota di contenuto	The basics characteristics of elements reliability -- Methods, models, algorithms for diagnostics of mechatronic systems -- Model systems for diagnosticing of mechatronic objects -- Appendix.
	Sommario/riassunto	This book provides novel approach to the diagnosis of complex technical systems that are widely used in various kinds of transportation, energy, metallurgy, metalworking, fuels, mining, chemical, paper industries, etc. Effective diagnostic systems are necessary for the early detection of errors in mechatronic systems, for the organization of maintenance and for the assessment of the performed service quality. Unfortunately, the practical use of AI in the diagnosis of mechatronic systems is still quite limited and the inability to build effective mechatronic systems leads to significant economic losses and dangers. The main aim of this book is to contribute to knowledge within the topic of diagnostics of mechatronic systems by the analysis of the elements reliability characteristics, using methods, models and algorithms for diagnostics and by studying examples of

model diagnostic systems using AI methods based on neural networks, fuzzy inference systems and genetic algorithms. .