

1. Record Nr.	UNINA9910494615103321
Autore	Khedher Omar
Titolo	Mastering OpenStack : discover your complete guide to designing, deploying, and managing OpenStack-based clouds in mid-to-large IT infrastructures with best practices, expert understanding, and more // Omar Khedher, Chandan Dutta Chowdhury
Pubbl/distr/stampa	Birmingham, England ; ; Mumbai, [India] : , : Packt, , 2017 ©2017
ISBN	1-78646-228-1
Edizione	[Second edition.]
Descrizione fisica	1 online resource (445 pages) : illustrations (some color)
Disciplina	004.6782
Soggetti	Cloud computing Information technology - Management Open source software Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Sommario/riassunto	Discover your complete guide to designing, deploying, and managing OpenStack-based clouds in mid-to-large IT infrastructures with best practices, expert understanding, and more About This Book Design and deploy an OpenStack-based cloud in your mid-to-large IT infrastructure using automation tools and best practices Keep yourself up-to-date with valuable insights into OpenStack components and new services in the latest OpenStack release Discover how the new features in the latest OpenStack release can help your enterprise and infrastructure Who This Book Is For This book is for system administrators, cloud engineers, and system architects who would like to deploy an OpenStack-based cloud in a mid-to-large IT infrastructure. This book requires a moderate level of system administration and familiarity with cloud concepts. What You Will Learn Explore the main architecture design of OpenStack components and core-by-core services, and how they work together Design different high availability scenarios and plan for a no-single-point-of-failure

environment Set up a multinode environment in production using orchestration tools Boost OpenStack's performance with advanced configuration Delve into various hypervisors and container technology supported by OpenStack Get familiar with deployment methods and discover use cases in a real production environment Adopt the DevOps style of automation while deploying and operating in an OpenStack environment Monitor the cloud infrastructure and make decisions on maintenance and performance improvement In Detail In this second edition, you will get to grips with the latest features of OpenStack. Starting with an overview of the OpenStack architecture, you'll see how to adopt the DevOps style of automation while deploying and operating in an OpenStack environment. We'll show you how to create your own OpenStack private cloud. Then you'll learn about various hypervisors and container technology supported by OpenStack. You'll get an understanding about the segregation of compute nodes based on reliability and availability needs. We'll cover various storage types in OpenStack and advanced networking aspects such as SDN and NFV. Next, you'll understand the OpenStack infrastructure from a cloud user point of view. Moving on, you'll develop troubleshooting skills, and get a comprehensive understanding of services such as high availability and failover in OpenStack. Finally, you will gain experience of running a centralized...

2. Record Nr.	UNINA9910961676803321
Titolo	Dynamics of explosions // edited by A.L. Kuhl ... [et al.]
Pubbl/distr/stampa	Washington, D.C., : American Institute of Aeronautics and Astronautics, Inc., 1988
ISBN	1-60086-588-7 1-60086-369-8
Edizione	[1st ed.]
Descrizione fisica	1 online resource (554 p.)
Collana	Progress in astronautics and aeronautics ; ; v. 114
Altri autori (Persone)	KuhlA. L
Disciplina	629.1 s 662/.2
Soggetti	Explosions Gas dynamics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Technical papers presented from the eleventh International Colloquium on Dynamics of Explosions and Reactive Systems, Warsaw, Poland, August 1987, and subsequently revised for this volume." Companion volume to: Dynamics of reactive systems.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""Cover""; ""Title""; ""Copyright""; ""Table of Contents""; ""Preface""; ""Chapter I. Gaseous Detonations""; ""Numerical Analyses Concerning the Spatial Dynamics of an Initially Plane Gaseous ZDN Detonation""; ""Detonation Parameters for the Hydrogen-Chlorine System""; ""Hydrazine Vapor Detonations""; ""Applicability of the Inverse Method to the Determination of C-J Parameters for Gaseous Mixtures at Elevated Pressures""; ""Safe Gap Revisited""; ""Chapter II. Detonation Transition and Transmission"" ""Concentration and Temperature Nonuniformities of Combustible Mixtures as Reason for Pressure Waves Generation""""Heat Evolution Kinetics in High-Temperature Ignition of Hydrocarbon/Air or Oxygen Mixtures""; ""Fluid Dynamic Effects on the Transition to Detonation from Turbulent Flame in Unconfined Gas Mixtures""; ""Numerical Simulations of the Development and Structure of Detonations""; ""Transmission of Overdriven Plane Detonations:Critical Diameter as a Function of Cell Regularity and Size""; ""Role of an Inhibitor on the Onset of Gas Detonations in Acetylene Mixtures""

""Experimental and Theoretical Investigation of the Effective Energy in a Shock Tube""""Chapter III. Nonideal Detonations and Boundary Effects""; ""Nonideal Detonation Waves in Rough Tubes""; ""Influence of Obstacle Spacing on the Propagation of Quasidetonation""; ""Propagation of Detonation Waves in an Acoustic Absorbing Walled Tube""; ""Lateral Interaction of Detonating and Detonable Gaseous Mixtures""; ""Steady, Plane, Double-Front Detonations in Gaseous Detonable Mixtures Containing a Suspension of Aluminum Particles""; ""Chapter IV. Condensed-Phase Detonations"" ""Critical Conditions for Hot Spot Evolution in Porous Explosives"""" Mechanism of Deflagration-to-Detonation Transition in High-Porosity Explosives""; ""Effect of Graphite and Diamond Crystal Form and Size on Carbon-Phase Equilibrium and Detonation Properties of Explosives""; ""Two-Phase Steady Detonation Analysis""; ""Heterogenous Detonation Along a Wick""; ""Chapter V. Explosions""; ""Photographically Observed Waves in Detonation of Liquid Nitric Oxide""; ""Overpressures Imposed by a Blast Wave""; ""A Model of Point Explosions with Multistep Kinetics"" ""Air-Blast Cumulation in Gaseous Detonating Systems""""Steam Explosions: Major Problems and Current Status""; ""Dynamics of Explosive Interactions Between Multiple Drops of Tin and Water""; ""Chapter VI. Vapor-Cloud Explosions and Safety Applications""; ""Dispersion of Dense Gaseous Fuels Released into the Atmosphere""; ""Experimental Investigations into the Deflagration of Flat, Premixed Hydrocarbon/Air Gas Clouds""; ""Analysis of a Damage Scenario and Potential Hazards of Liquefied Gaseous Fuel Carriers in Inland Waterways"" ""Influence of Obstacles on the Rate of Pressure Rise in Closed Vessel Explosions""

Sommario/riassunto

A companion to the volume cited above, derived from the same conference. These contributions address gaseous detonations, detonation transition and transmission, nonideal detonations and boundary effects, vapor-cloud explosions and safety applications. No subject index. Acidic paper. Annotation copyright Book News, Inc. Portland, Or.
