

Vmware Vi And Vsphere Sdk Managing The Vmware Infrastructure And Vsphere By Jin Steve Prentice Hall 2009 Paperback Paperback

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Talking Code – Getting Started with the vSphere Automation SDK for Python Talking Code – Getting Started with the vSphere Automation SDK for Java
TAM Lab 039 - How to leverage the vSphere REST API VMware vSphere API - how to get started. (with slides) Kyle Ruddy - Get Started Making vSphere API Calls the Easy Way with Postman vSphere 6.5 RESTful APIs with Kyle Ruddy (@kmruddy) vSphere REST API consumption via PowerShell with Joshua Stenhouse (@joshuastenhouse) **Talking Code – Getting Started with the vSphere Automation SDK for Ruby** VMware 6.7 APIs and Automation with Kyle Ruddy (@kmruddy) Getting started with vSphere .NET application development TAM Lab 067 - vSphere 7 w/Kubernetes Walk-Through 2015 VMworld USA - Michael Rice @virtdevninja YAVIJAVA an alternative Java SDK for vSphere What is an API? What is VMware vSphere ESXi and vCenter? REST API concepts and examples vSphere 7.0 - How To Install and Configure VMware ESXi 7.0 Postman with vSphere 6.5 - quick VM creation demo **How to collect diagnostic logs from ESXi hosts using the vSphere Client vSphere 7 with Kubernetes - Tanzu Kubernetes cluster - Technical Overview vSphere 7 - Scalable Shares** VMware Fling: vSphere Perspective Management vCenter Servers (VCSA) in Linked Mode with a single SSO domain (VMware vSphere ESXi 7) Jason Meers Custom Application Portal - Create VM using vSphere SDK How to access vCenter data using VJava API? | vCenter | VMware | Almighty Java Model Club - Use VMware API to Monitor ESX and VMs with NerveCenter **VMware vSphere and Ansible From Zero to Useful with Ariel Sanchez** Introduction to the vSphere Client 6.5 vSphere Managed Object Browser Part 1 - What Is The Managed Object Browser? What is the vSphere Management Assistant (vMA)? ~~VMware vSphere monitoring through vCenter API~~ **VMware Vi And Vsphere Sdk**
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VMware VI and vSphere SDK: Managing the VMware ...

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VMware VI and vSphere SDK: Managing the VMware ...

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In VMware VI and vSphere SDK, software architect Steve Jin demystifies the entire VMware VI and new vSphere SDK and offers detailed, task-based coverage of using the APIs to manage VMware more efficiently and cost-effectively.

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The VMware vSphere Management SDK is a bundle that contains a set of VMware vSphere software development kits: vSphere Web Services SDK, vSphere Storage Policy SDK, vSphere Storage Management SDK, vSphere ESX Agent Manager SDK, and SSO Client SDK.

vSphere Management SDK - VMware {code}

vSphere Web Services SDK. vSphere SDK for Perl. vSphere PowerCLI. vSphere vCLI. vSphere Guest SDK. vSphere Management Assistant. VMware Virtual Disk Development Kit. VMware CIM SDK VMware Developer Community - Developers are encouraged to participate in our community where they can get help, share answers, and get recognized by your peers.

vSphere, VI 3.x SDK - Support Information |VMware Communities

The VMRC SDK contains plug-ins for browsers that connect to the console of Windows or Linux virtual machines running on vSphere. This SDK is based on deprecated APIs, so VMware recommends the HTML Console SDK instead. VMware vSphere SDK for Perl: A client-side Perl framework that provides an easy-to-use scripting interface to the vSphere Web Services API. VMware CIM APIs

VMware API and SDK Documentation

Accessing the vSphere Web Services HTTP Endpoint with JAX-WS Accessing the vSphere Server from a Web Services Client Closing the Connection from a Web Services Client Using the Java Samples as Reference Multiple Versions of the vSphere API Java and C# Sample Applications in the Web Services SDK Java Samples in the Web Services SDK

Online Documentation - VMware vSphere Web Services SDK ...

Steve Jin is a senior member of technical staff at VMware, where he provides guidance to strategic partners, such as IBM, HP, Dell, NetApp, and BEA, who build applications using VI (vSphere) SDK. In his spare time, he created VI (vSphere) Java API opensource project (<http://vijava.sf.net>), which is widely used by various commercial companies and developers.

VMware VI and vSphere SDK: Managing the VMware ...

Overview The VMware vSphere Client SDK 7.0 provides sample plug-ins, tools, libraries and documentation to help developers build user interface

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vSphere Client extensions for both vSphere and VMware Cloud on AWS.

vSphere Client SDK - VMware {code}

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VMware VI and vSphere SDK: Managing the VMware ...

Overview The vSphere Automation SDK for Java enables programmatic access to vSphere. It includes java libraries for accessing features available via the vSphere REST API including Virtual Machine management, vCenter Appliance management, Content Library and Tagging.

vSphere Automation SDK for Java - VMware {code}

The vSphere SDK for Perl provides an easy-to-use Perl scripting interface to the vSphere API. Administrators and developers can work with vSphere API objects using vSphere SDK for Perl. For accessing features of the vSphere REST API, please refer to the vSphere Automation SDK for Perl .

vSphere Perl SDK - VMware {code}

VMware has announced deprecation of vSphere Automation SDK for Perl and vSphere Automation SDK for .NET, effective August 25th, 2020. We highly recommend all our customers and partners to migrate from these SDKs to either vSphere Automation SDK for Python or vSphere Automation SDK for Java .

GitHub - vmware/vsphere-automation-sdk-.net: [DEPRECATED ...

VMware VI (vSphere) Java API vjvavaNG 6.7 - the Smallest and Most Secure Java API for vSphere May 22, 2018 This release is a major upgrade to support the latest and greatest VMware vSphere 6.7 that VMware announced last month.

VMware Infrastructure (vSphere) Java API

VMware delivers virtualization benefits via virtual machine, virtual server, and virtual pc solutions.

Drive Even More Value from Virtualization: Write VMware® Applications that Automate Virtual Infrastructure Management Companies running VMware

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have already achieved enormous gains through virtualization. The next wave of benefits will come when they reduce the time and effort required to run and manage VMware platforms. The VMware Infrastructure Software Development Kit (VI SDK) includes application programming interfaces (APIs) that allow developers and administrators to do just that. Until now, there has been little documentation for the APIs. In VMware VI and vSphere SDK, software architect Steve Jin demystifies the entire VMware VI and new vSphere SDK and offers detailed, task-based coverage of using the APIs to manage VMware more efficiently and cost-effectively. Jin walks you through using the VI SDK and cloud-computing vSphere SDK to manage ESX servers, ESX clusters, and VirtualCenter servers in any environment—no matter how complex. Drawing on his extensive expertise working with VMware strategic partners and enterprise customers, he places the VI SDK in practical context, presenting realistic samples and proven best practices for building robust, effective solutions. Jin demonstrates how to manage every facet of a VMware environment, including inventory, host systems, virtual machines (VMs), snapshots, VMotion, clusters, resource pools, networking, storage, data stores, events, alarms, users, security, licenses, and scheduled tasks. Coverage includes Understanding how the VI SDK fits into your VMware VI and Cloud Ready vSphere Environment Discovering the VI and vSphere SDK from the bottom up Using the author's new VI Java API to write shorter, faster, and more maintainable code Managing VI and vSphere inventory and configurations Moving running VMs and storages across different physical platforms without disruption Optimizing system resources, hardening system securities, backing up VMs and other resources Leveraging events, alarms, and scheduled tasks to automate the system management Developing powerful applications that integrate multiple API features and run on top of or alongside VMware platforms Using the VI SDK to monitor performance Scripting with the VI SDK: building solutions with VI Perl, PowerShell, and Jython Avoiding the pitfalls that trip up VMware VI developers Integrating with and extending VMware platforms using VI SDK This book is an indispensable resource for all VMware developers and administrators who want to get more done in less time; for hardware vendors who want to integrate their products with VMware; for ISV developers building new VMware applications; and for every professional and student seeking a deeper mastery of virtualization.

Fully unlock the power of virtualization by writing VMware applications that automate virtual infrastructure management • •The definitive guide to writing applications that run on VMware servers and virtual infrastructure. •An indispensable tool for every VMware admin and developer. •Task-based coverage of VMware's key APIs, with proven code samples. •Covers the new vSphere 4.0, including new APIs for managing ESX servers and clusters, VirtualCenter servers, and more. Companies running VMware have already achieved enormous gains through virtualization. The next wave of benefits will come when they reduce the time and effort required to administer VMware. The VMware Software Development Kit (SDK) includes multiple APIs that allow administrators and developers to write programs on top of VMware and across a VMware infrastructure. These APIs, however, are complicated and poorly documented. In this book, VMware senior technical staffer Steve Jin thoroughly demystifies the existing VMware VI SDK, and introduces new APIs that make it easier to take full advantage of the possibilities of virtualization. Jin offers a task-based introduction to VMware's key APIs, and presents proven code that developers and administrators can use in their own applications. He also introduces new APIs that will make it far easier to automate the management of ESX servers, ESX clusters, and VirtualCenter servers; and to develop applications on top of or around VMware platforms. This book goes far beyond VMware's standard reference materials, offering new context and showing how to use multiple API features together to build robust, highly effective VMware solutions.

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This is the eBook version of the printed book. If the print book includes a CD-ROM, this content is not included within the eBook version. Drive Even More Value from Virtualization: Write VMware Applications that Automate.

Learning PowerCLI is written in a friendly and practical style with a focus on getting you started and automating daily tasks quickly and efficiently. If you manage or administrate a vSphere environment, and want to make that easier and more efficient, then this book is for you! This book is ideal for you if you want to learn how to automate your VMware vSphere infrastructure, by getting the most out of PowerCLI. It's assumed that you have some experience in administrating a VMware vSphere environment. Knowledge of Microsoft's Windows PowerShell is not a prerequisite.

Your One-Stop Reference for VMware vSphere Automation If you manage vSphere in a Windows environment, automating routine tasks can save you time and increase efficiency. VMware vSphere PowerCLI is a set of pre-built commands based on Windows PowerShell that is designed to help you automate vSphere processes involving virtual machines, datacenters, storage, networks, and more. This detailed guide—using a practical, task-based approach and real-world examples—shows you how to get the most out of PowerCLI's handy cmdlets. Learn how to: Automate vCenter Server and ESX/ESX(i) Server deployment and configuration Create and configure virtual machines and use vApps Secure, back up, and restore your virtual machines Monitor, audit, and report the status of your vSphere environment Use the PowerCLI SDK, PowerWF Studio, and vEcoShell Schedule and view automation Add a GUI front end to your scripts

This book contains simple and advanced scripting using both ESX and Linux commands to provide awesome virtual tools to automate administrative tasks of ESX Server. This book will cover the native tools that VMware provides with ESX Server. It will then discuss in detail the different scripting API's and how they can be leveraged to provide some very useful, practical and time saving tools to manage a virtual infrastructure. From virtual server provisioning to backups and everything in between, this book is a one stop shop for virtual tools. * An essential guide to virtualisation using both Linux and ESX commands * The companion Web site for book provides dozens for working scripts and tools presented in the book * Maximise VMware's powerful scripting language to automate time consuming administrative tasks

Unleash the Power of vCenter Orchestrator to Automate Tasks and Improve Efficiency Today, VMware administrators are responsible for far more infrastructure, servers, and services than ever before. To succeed, they must take full advantage of opportunities to automate and orchestrate their vSphere environments. In Automating vSphere with VMware vCenter Orchestrator , three-time vExpert Cody Bunch shows how to utilize VMware vCenter Orchestrator (vCO) 4.2 to achieve far higher levels of operational efficiency and effectiveness. Bunch reveals what vCO can do, walks through each step of installation and configuration, explains how its “moving parts” work together, and thoroughly introduces both plug-ins and workflows. Building on this core knowledge, he presents several start-to-finish case studies showing how to use vCO to address real-world challenges ranging from provisioning to snapshots, cluster management to decommissioning. Whatever your VMware virtualization environment, this book will help you do more with less, save time, eliminate errors, and improve both performance and reliability. Coverage includes Understanding how vCO fits into your environment and identifying your best opportunities to use it Choosing the right installation scenario and efficiently managing the vCO installation process Configuring vCO: services, passwords, networking, LDAP, databases, SSL, licensing, plug-ins, backup, and more Interacting with vCO through actions, packages, plug-ins, web views, resources, and workflows Automating manual tasks with vCO's extensive workflow library Creating sophisticated workflows with drag-and-drop

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components and JavaScript Using plug-ins to control infrastructure within and around your vSphere environment Bringing consistency to VM provisioning, overcoming “VM sprawl” and resource contention, and simplifying support Optimizing VM lifecycle management, all the way through decommissioning Automating all snapshot monitoring processes and components Exporting logs, finding/deleting orphaned files, and performing other day-to-day tasks Efficiently conducting mass VM migrations Quickly adding vCenter hosts and clusters, configuring shared storage, and adding hosts to new clusters Using vCO and third-party plug-ins to gain “private cloud” benefits and flexibility Networking/Virtualization vmware.com/go/vmwarepress

Flexible and efficient, VMware ESX is the tool of choice for enterprise data centers looking to make the most of the latest virtualization methods. However, to date, no single manual provides users with a systematic way to understand and take full advantage of all its features and options. Novel Solutions for Every Level of the IT Chain VMware ESX Essentials in the Virtual Data Center answers that need. Written by pioneers and established experts in the field of virtualization with years of hands-on experience, it details the product and outlines innovative ways to use virtualization within the organization. With novel solutions for every level of the IT chain, this text is a complete guide to the design, operation, and management of the ESX product. Featuring technical information, best practices, and technology breakdowns needed to answer real business challenges, this succinct volume – Shows how to install ESX, either manually or using an automated method, detailing the various key performance optimizations that can make installation more efficient Describes ways to further automate and enhance the ESX environment, and make it more extensible with APIs, SDKs, programming extensions, and VirtualCenter plug-ins Explains the latest ESX features fully Details the architecture and background of ESX through the use of diagrams Uses Real-World Experience to Slash Costs and Increase Efficiency This text covers VMware VI3, the most widely distributed server virtualization product on the market, from 3.0 to 3.5, and the most recently announced embedded version of ESXi. It will enable IT organizations to save hardware costs and make server deployments, provisioning, and management more efficient. Able to make use of the full benefits of virtualization, they will gain the flexibility to create solutions and the freedom that comes with not being locked into a single vendor’s hardware solution.

Master your virtual environment with the ultimate vSphere guide Mastering VMware vSphere 6 is the fully updated edition of the bestselling guide to VMware's virtualization solution. With comprehensive coverage of this industry-leading toolset, this book acts as an informative guide and valuable reference. Step-by-step instruction walks you through installation, configuration, operation, security processes, and much more as you conquer the management and automation of your virtual environment. Written by certified VMware vExperts, this indispensable guide provides hands-on instruction and detailed conceptual explanations, anchored by practical applications and real-world examples. This book is the ultimate guide to vSphere, helping administrators master their virtual environment. Learn to: Install, configure, and manage the vCenter Server components Leverage the Support Tools to provide maintenance and updates Create and configure virtual networks, storage devices, and virtual machines Implement the latest features to ensure compatibility and flexibility Manage resource allocation and utilization to meet application needs Monitor infrastructure performance and availability Automate and orchestrate routine administrative tasks Mastering VMware vSphere 6 is what you need to stay up-to-date on VMware's industry-leading software for the virtualized datacenter.