

Get Free Windows
Powershell

Desired State
Windows
Configuration

Powershell

*1 Desired
State Con
figuratio
n*

Revealed

Automate

Get Free Windows
PowerShell

Desired State
Configuration
Revealed

**Windows server
tasks with the
powerful
features of
the PowerShell
Language Key
Features
Leverage
PowerShell to
automate
complex
Windows server**

Get Free Windows
Powershell

Desired State
tasks Master
Configuration
Revealed
new features
such as

DevOps, and
containers,
and speed up
their
performance
using

PowerShell
Improve
PowerShell's

Get Free Windows
Powershell

Desired State
Configuration
Revealed
**usability, and
control and
manage Windows-
based
environments
by working
through
exciting
recipes Book
Description
Windows Server
2019**

Get Free Windows Powershell

Desired State
Configuration
Revealed

**represents the
latest version
of Microsoft's
flagship
server
operating
system. It
also comes
with
PowerShell
Version 5.1
and has a**

Get Free Windows Powershell

Desired State Configuration Revealed

**number of
additional
features that
IT pros find
useful. The
book helps the
reader learn
how to use
PowerShell and
manage core
roles,
features, and**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**services of
Windows Server
2019. You will
begin with
creating a
PowerShell
Administrative
Environment
that has
updated
versions of
PowerShell and**

Get Free Windows
Powershell

Desired State
Configuration
Revealed
**the Windows
Management
Framework,**

**updated
versions of
the .NET
Framework, and
third-party
modules. Next,
you will learn
to use
PowerShell to**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**set up and
configure
Windows Server
2019**

**networking and
also managing
objects in the
AD**

**environment.
You will also
learn to set
up a host to**

Get Free Windows
Powershell

Desired State

**utilize
containers and
how to deploy
containers.**

**You will also
be**

**implementing
different
mechanisms for
achieving
desired state
configuration**

Get Free Windows
Powershell

Desired State
Configuration
Revealed
along with
getting well
versed with

Azure
infrastructure
and how to
setup Virtual
Machines, web
sites, and
shared files
on Azure.

Finally, you

Get Free Windows Powershell

Desired State
Configuration
Revealed

**will be using
some powerful
tools you can
use to
diagnose and
resolve issues
with Windows
Server 2019.
By the end of
the book, you
will learn a
lot of trips**

Get Free Windows
Powershell

Desired State
Configuration
Revealed
**and tricks to
automate your
windows**

**environment
with**

PowerShell

**What you will
learn Perform
key admin**

tasks on

**Windows Server
2019 Employing**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**best practices
for writing
PowerShell
scripts and
configuring
Windows Server
2019 Use the
.NET Framework
to achieve
administrative
scripting Set
up VMs,**

Page 14/383

Get Free Windows
Powershell

Desired State
Configuration
Revealed
**websites, and
shared files
on Azure**

**Report system
performance
using built-in
cmdlets and
WMI to obtain
single
measurements
Know the tools
you can use to**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**diagnose and
resolve issues
with Windows
Server Who
this book is
for If you are
a systems
administrator,
engineer, or
an architect
working with
Windows Server**

Get Free Windows
Powershell

Desired State

2016

Configuration

**interested in
upgrading to**

Windows Server

2019 and

automating

tasks with

PowerShell,

then this book

is for you. A

basic

knowledge of

Get Free Windows
Powershell

Desired State
Configuration
Revealed
**PowerShell is
expected.**

**Part of a
series of
specialized
guides on
System Center,
this book
focuses on
Microsoft
System Center
Operations**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**Manager. For
the seasoned
professional,
it covers the
role of the
Operations
Manager
product, the
best practices
for working
with
management**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**packs, how to
use the
reporting
feature to
simplify
managing the
product, how
to thoroughly
troubleshoot,
and how to use
and install
Operations**

Get Free Windows
Powershell

Desired State
Configuration
Revealed
**Manager in the
Microsoft
Azure Public
Cloud
environment.**

**A learning
guide to get
you started
with**

**PowerShell
DSC. About This
Book* Create**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**flexible and
maintainable
deployments
using DSC
configuration
scripts that
stand the test
of time.***

**Explore the
core
architecture,
concepts, and**

Get Free Windows
Powershell

Desired State
Configuration
Revealed
**practices in
depth.***

Learning

PowerShell DSC

**is a step-by-
step guide**

**that shows you
how to start**

using and

taking

advantage of

PowerShell DSC

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**along with
configuring
and deploying
applications. Who
This Book
Is For If you
are a system
administrator,
developer, or
engineer and
are
responsible**

Get Free Windows
Powershell
Desired State
Configuration
Revealed

**for
configuration
management and
automation,
then this book
is for you. IT
professionals
who wish to
learn**

**PowerShell
Desired State
Configuration**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**for the
efficient
management,
configuration,
and deployment
of systems
will also find
this book
useful. What
You Will
Learn* Explore
PowerShell**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**Desired State
Configuration
and activities
around it,
including the
need for
configuration
management and
abstraction.***

**Create
reusable DSC
configurations**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**and debug/
troubleshoot
configuration
files.* Learn
about the
PowerShell DSC
architecture
with the help
of push-and-
pull
management and
workflows.***

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**Define DSC
configuration
scripts and
data files and
push DSC
configuration
files remotely
and locally.*
Validate DSC
Pull Server
install and
register**

Get Free Windows
Powershell

Desired State
Configuration
Revealed
**target nodes
with a DSC
Pull Server.***

**Learn about
DSC Cross
Platform and
install
PowerShell on
Linux and
macOS along
with real-life
DSC uses and**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**different
types of
deployment. In
DetailThe main
goal of this
book is to
teach you to
configure,
deploy, and
manage your
system using
the new**

Get Free Windows
Powershell

Desired State
Configuration
Revealed
**features of
PowerShell
v5/v6 DSC. This**

**book begins
with the
basics of
PowerShell
Desired State
Configuration,
covering its
architecture
and**

Get Free Windows Powershell

**Desired State
Configuration
Revealed**

components. It familiarizes you with the set of Windows PowerShell language extensions and new Windows PowerShell commands that make up DSC. Then it helps

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**you create DSC
custom
resources and
work with DSC
configurations
with the help
of practical
examples.**

**Finally, it
describes how
to deploy
configuration**

Get Free Windows
Powershell

Desired State
Configuration
Revealed
**data using
PowerShell
DSC.**

**Throughout
this book, we
will be
focusing on
concepts such
as building
configurations
with
parameters,**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**the local
configuration
manager, and
testing and
restoring
configurations
using
PowerShell
DSC. By the end
of the book,
you will be
able to deploy**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**a real-world
application
end-to-end and
will be
familiar
enough with
the powerful
Desired State
Configuration
platform to
achieve
continuous**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**delivery and
efficiently
and easily
manage and
deploy data
for
systems. Style
and
approach The
purpose of
this book is
to introduce**

Get Free Windows
Powershell

Desired State
Configuration
Revealed
**readers to the
powerful
PowerShell**

**Desired State
Configuration
platform to
achieve
continuous
delivery,
efficient
management,
and the easy**

Get Free Windows
Powershell

Desired State
Configuration
Revealed
**deployment of
data for
systems.**

**Desired State
Configuration
(DSC) is a
powerful
configuration
management
platform that
makes it
easier than**

Get Free Windows
Powershell

Desired State

**ever to
perform cross-
platform**

**configuration
management of
your infrastru
cture, whether
on-premise or
in the cloud.**

**DSC provides
the management
platform and**

Get Free Windows
Powershell

Desired State
Configuration
Revealed
**Application
Programming
Interface**

**(API) that can
be used with
any
programming
language.**

**Windows
PowerShell
Desired State
Configuration**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**Revealed will
take you
through this
new technology
from start to
finish and
demonstrates
the DSC
interfaces
through
Windows
PowerShell.**

Get Free Windows Powershell

Desired State
Configuration
Revealed

**DSC allows you
to manage
target devices
by simply
declaring what
state you want
them to be in,
using new
declarative
language
extensions,
rather than**

Get Free Windows
Powershell
Desired State
writing
Configuration
detailed
Revealed
instructions
to get them
into that
state. This
makes
continuous
delivery in
Windows easier
than ever
before. In an

Get Free Windows
Powershell

Desired State
Configuration
Revealed
**environment
where changes
and**

**deployments
are happening
all the time,
DSC makes the
necessary
adjustments to
the system so
you don't have
to. Windows**

Get Free Windows
Powershell

Desired State
Configuration

**PowerShell
Desired State
Configuration
Revealed**

**starts with an
overview of
the
configuration
management
features in
Windows,
followed by a**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**discussion of
the
architecture
of DSC and its
components.
You'll then
explore DSC's
built-in
features and
resources,
followed by
some of the**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**different
methods
provided for
delivering
configuration
information
within your
ecosystem, and
learn about
configuration
monitoring and
reporting. In**

Get Free Windows Powershell

Desired State
Configuration
Revealed

the latter part of the book, you'll find out how to get more power out of DSC by writing your own custom DSC resources, including a range of

Get Free Windows
Powershell

Desired State

useful

**examples, and
the book**

**concludes with
vital**

**information on
deploying and
troubleshootin**

**g DSC in a
production**

**environment,
along with**

Get Free Windows
Powershell

Desired State
Configuration
Revealed
**some expert
tips and
tricks you**

**might find
useful along
the way.**

**Windows
PowerShell
Desired State
Configuration
Revealed is
your one-stop**

Get Free Windows
Powershell

Desired State
Configuration
Revealed
**guide to this
new technology
and how it can
change your
working life
for the
better.**

**Learning
PowerShell is
a custom-
built,
handcrafted,**

Get Free Windows
PowerShell

Desired State
Configuration
Revealed
**painstakingly
curated book
designed to
get you from
total**

**PowerShell
newbie to
confident
PowerShell
user in as
little as four
weeks. This**

Get Free Windows Powershell

Desired State
Configuration
Revealed

**book assumes
no prior
knowledge,
perfect for
non-developers
and GUI
addicts who
recognize that
PowerShell is
the future but
need a good
bit of**

Get Free Windows Powershell

**Desired State
Configuration
Revealed**

**handholding to
achieve
mastery. It is
also a simple
guide for the
hundreds of
thousands of
PowerShell
users who have
not attained
the level of
PowerShell**

Get Free Windows Powershell

Desired State
Configuration
Revealed

**knowledge that
they really
need. With
Learning
PowerShell at
your side, you
will see that
you don't have
to be a
developer to
use PowerShell
and you don't**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**need to be a
scripting
wizard to
derive value
from
integrating
PowerShell
into your
daily
administrative
activities.
The book is a**

Get Free Windows
Powershell

Desired State

**learning
resource that
covers every
topic worth
discussing for
a PowerShell
beginner, with
a depth of
explanation
unparalleled
by any book
currently on**

Get Free Windows Powershell

Desired State
Configuration
Revealed

the market.
With this

book, you
don't have to
have a lot of
time to learn
the language
and you can
begin applying
what you
master almost
immediately.

Get Free Windows Powershell

Desired State Configuration Revealed

**Even skeptics
of PowerShell,
and command
lines in
general, will
come away with
a renewed
sense of
respect for
the language
and ideas on
how to put it**

Get Free Windows
PowerShell

Desired State

to use.

Configuration
Revealed
**PowerShell in
Depth**

**Developing
Microsoft**

Azure

Solutions

Learning

PowerShell DSC

Getting

Started with

PowerShell

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**Exam Ref
70-410**

**Installing and
Configuring
Windows Server
2012 R2 (MCSA)
Get started with
the
fundamentals of
PowerShell DSC
and utilize its
power to**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**automate
deployment and
configuration of
your servers
About This
Book Create
flexible and
maintainable
deployments
using DSC
configuration
scripts that
stand the test**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**of time Explore
the in depth
details of the
core
architecture,
concepts, and
practices used
by PowerShell
DSC A step-by-
step guide that
shows you how
to start using
and taking**

Get Free Windows
Powershell

Desired State

**advantage of
PowerShell DSC**

**Who This Book
Is For This book
is intended for
system**

**administrators,
developers, or
engineers who
are responsible
for**

**configuration
management**

Get Free Windows
Powershell

Desired State
Configuration
Revealed
**and automation
and wish to
learn**

**PowerShell
Desired State
Configuration
for efficient
management,
configuration
and deployment
of systems and
applications.
What You Will**

Page 67/383

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**Learn
Understand
configuration
management
and why you
need it Craft
flexible,
reusable, and
maintainable
configuration
scripts for
thousands of
servers Create**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**custom DSC
resources to
manage any**

**application or
server setting**

Apply

**configuration
data to deploy
applications to
different**

environments

Utilize DSC

push

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**deployments to
test your
configuration
scripts and
custom DSC
resources
Install,
configure and
use DSC pull
servers Run a
Windows MSI
package Deploy
a website In**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**Detail Windows
PowerShell is a
task-based
command-line
shell and
scripting
language
designed
especially for
system
administration.
PowerShell DSC
is a new**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**management
platform that
enables you to
deploy and
manage
configuration
data for
software
services and
manage the
environment in
which these
services run.**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

This book begins with an overview of the basics of PowerShell DSC by covering the architecture and components of the Desired State Configuration. It will then

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**familiarize you
with the set of
PowerShell
language
extensions and
new PowerShell
commands. It
will help you
understand and
create DSC
configurations
with the help of
practical**

Get Free Windows
PowerShell

Desired State
Configuration
Revealed
**examples, and
to create DSC
custom**

**resources for
your custom
applications.**

**Finally, you will
learn to deploy
a real world
application
using**

**PowerShell
DSC. By the end**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**of the book, you
will have better
knowledge
about the
powerful
Desired State
Configuration
platform, which
helps you to
achieve
continuous
delivery, and
efficient**

Get Free Windows
Powershell

Desired State
Configuration
Revealed
**management
and easy**

**deployment of
data for**

**systems. Style
and approach**

**This book is an
in-depth guide
to using**

PowerShell

**DSC, full of real-
world**

experiences and

Get Free Windows
Powershell

Desired State
Configuration
Revealed
**best practices
using
PowerShell**

**DSC. The topics
are explained
and build on
one another
other to provide
a holistic
learning
experience. At
the end, all the
features**

Get Free Windows
Powershell

Desired State
Configuration
Revealed
**learned will be
used to create a
real world
application
deployment
using DSC.**

**NOTE: This title
is also available
as a free eBook
on the
Microsoft
Download
Center. It is**

Get Free Windows
Powershell

Desired State
Configuration
Revealed
**offered for sale
in print format
as a**

convenience.

**Get a head start
evaluating**

**Windows Server
2012 R2 - with
technical**

**insights from a
Microsoft MVP
and members of
the Windows**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**Server product
team. Based on
final Windows
Server 2012 R2
release-to-
manufacturing
(RTM) software,
this guide
introduces new
features and
capabilities,
with scenario-
based advice on**

Get Free Windows
Powershell

Desired State

**how the
platform can
meet the needs
of your
business. Get
the high-level
overview you
need to begin
preparing your
deployment
now. Coverage
includes: Server
virtualization**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**and cloud
solutions
Availability and
scalability
Provisioning
and storage
management
Security
features,
access, and
data protection
Infrastructure
options Server**

Get Free Windows
Powershell

Desired State
Configuration
**management
and automation**

**In just 24
lessons of one
hour or less,
Sams Teach
Yourself
Windows
PowerShell in
24 Hours helps
you streamline
all facets of
Windows**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**administration,
supercharging
your
effectiveness as
an IT
professional or
power user.
This book's
straightforward
, step-by-step
approach shows
you how to
build and run**

Get Free Windows
PowerShell

Desired State
Configuration
**scripts, extend
Windows**

**PowerShell
reach, manage
computers
remotely, and
automate a
wide variety of
tasks on any
modern**

**Windows server
or client. Every
lesson builds on**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**what you've
already learned,
giving you a
rock-solid
foundation for
real-world
success! Step-
by-step
instructions
carefully walk
you through the
most common
PowerShell**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**scripting tasks.
Practical, hands-
on examples
show you how
to apply what
you learn.
Quizzes and
exercises help
you test your
knowledge and
stretch your
skills. Notes,
tips, and**

Get Free Windows
PowerShell

Desired State
Configuration
Revealed

**cautions point
out shortcuts,
pitfalls, and
solutions. Learn
how to... Install,
configure, and
explore
Windows
PowerShell
(including
updates for
PowerShell 5)
Leverage .NET's**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**remarkable
power and
scope with easy-
to-use cmdlets
Build new
scripts with the
console, ISE
visual tools, and
other popular
hosts Apply
best practices
for writing
more reliable,**

Get Free Windows
Powershell

Desired State

**flexible, team-
friendly scripts**

Configuration

Work effectively

with the

pipeline,

objects, and

data Extend

Windows

PowerShell

reach via

providers,

drives, and

output Run

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**external tools
like ping,
ipconfig, and
tracert from
within**

**PowerShell
Remotely
manage
computers with
basic and
advanced
remoting
(WinRM), WMI,**

Get Free Windows
PowerShell

Desired State
Configuration
Revealed
**and Regex
Configure
Windows**

**devices across
the web with
PSWA Sort,
filter, measure,
format, export,
and convert
script output
Run Windows
PowerShell
flexibly, using**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**background and
scheduled jobs
Customize your
environment
with profile
scripts,
alternate
credentials,
thirdparty tools,
and packages
Strengthen
your control
over Windows**

Get Free Windows
Powershell

Desired State

**systems and
services with**

Revealed

**Desired State
Configuration**

**Administer key
tasks on SQL**

Server,

**SharePoint, and
other Windows**

servers Master

PowerShell

skills needed to

earn many

Get Free Windows
Powershell

Desired State

**Microsoft
certifications**

Configuration
Revealed

**With more than
250 ready-to-
use recipes, this
solutions-
oriented**

**introduction to
the Windows
PowerShell**

**scripting
environment
and language**

Get Free Windows
Powershell

Desired State

**provides
administrators
with the tools
to be productive
immediately.**

**This is the
eBook version
of the print
title. Note that
the eBook does
not provide
access to the
practice test**

Get Free Windows
Powershell

Desired State
Configuration
Revealed
**software that
accompanies
the print book.**

**Learn, prepare,
and practice for
MCSA 70-410
exam success
with this Cert
Guide from
Pearson IT
Certification, a
leader in IT
certification.**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

Master MCSA

70-410 exam

topics for

Windows Server

2012 R2

**installation and
configuration**

Assess your

knowledge with

chapter-ending

quizzes Review

key concepts

with exam

Get Free Windows
Powershell

Desired State
Configuration
Revealed
**preparation
tasks MCSA
70-410 Cert**

Guide:

**Installing and
Configuring
Microsoft®**

Windows Server

2012R2 is a

best-of-breed

exam study

guide. Best-

selling authors

Get Free Windows
Powershell

Desired State
Configuration
Revealed
**and expert
instructors Don
Poulton and**

David

Camardella

share

preparation

hints and test-

taking tips,

helping you

identify areas of

weakness and

improve both

Get Free Windows
Powershell

Desired State
Configuration
Revealed
**your conceptual
knowledge and
hands-on skills.**

**Material is
presented in a
concise
manner,
focusing on
increasing your
understanding
and retention of
exam topics.**

The book

Page 102/383

Get Free Windows
Powershell

Desired State
Configuration
presents you
with an

organized test
preparation
routine through
the use of
proven series
elements and
techniques.

Exam topic lists
make
referencing
easy. Chapter-

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**ending Exam
Preparation
Tasks help you
drill on key
concepts you
must know
thoroughly.**

**Review
questions help
you assess your
knowledge, and
a final
preparation**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**chapter guides
you through
tools and
resources to
help you craft
your final study
plan. Well-
regarded for its
level of detail,
assessment
features, and
challenging
review**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**questions and
exercises, this
study guide
helps you
master the
concepts and
techniques that
will enable you
to succeed on
the exam the
first time. The
study guide
helps you**

Get Free Windows
Powershell

Desired State

**master all the
topics on the**

MCSA 70-410

**exam, including
the following:**

**Installing and
configuring**

**Windows Server
2012**

Configuring

**Windows Server
2012 R2 local**

storage

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**Configuring
access to files
and shares**

**Configuring
and monitoring
print and
document
services**

**Configuring
remote
management of
servers**

Configuring
Page 108/383

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**Hyper-V server
virtualization
Creating and
configuring
virtual machine
storage and
virtual
networks
Configuring
IPv4 and IPv6
addressing
Configuring
Dynamic Host**

Get Free Windows
Powershell

Desired State
Configuration

Configuration Protocol (DHCP)

**Deploying and
configuring
Dynamic Host
Configuration
Protocol
(DHCP)**

**Deploying and
configuring
Domain Name
System (DNS)**

Get Free Windows
Powershell

Desired State

**Installing
Active Directory
domain**

controllers

**Creating and
managing**

**Active Directory
user and
computer**

accounts

**Creating and
managing**

Active Directory

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**Groups and
Organizational
Units (OUs)**

**Creating and
applying Group
Policy Objects
Configuring
security
policies,
application
restrictions,
and Windows
Firewall Don**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**Poulton (A+,
Network+,
Security+,
MCSA, MCSE)
is an
independent
consultant who
has worked with
computers
since the days
of 80-column
punch cards.
He has**

Get Free Windows
Powershell

Desired State

**consulted
extensively with
training**

Configuration
Revealed

**providers,
preparing study
materials for
Windows
technologies.**

**He has written
or contributed
to several Que
titles, including
Security+ Lab**

Get Free Windows
Powershell

Desired State
Manual;

Configuration
MCSA/MCSE

70-299 Exam

Cram 2; MCTS

70-620 Exam

Prep; and MCSA

70-687 Cert

Guide:

Configuring

Microsoft

Windows 8.1.

David

Camardella, an

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**expert on
deploying and
administering
Microsoft
technologies,
has served as
technical
reviewer on
several previous
Pearson
Microsoft
certification
titles.**

Get Free Windows
Powershell

Desired State
Configuration
Revealed

**Learning
PowerShell
Over 100**

**recipes to
effectively
configure
networks,
manage
security, and
administer
workloads, 2nd
Edition
Exam Ref**

Page 117/383

Get Free Windows
Powershell

Desired State
70-740

**Installation,
Storage and
Compute with
Windows Server
2016**

**Windows
PowerShell 2.0
Best Practices
Installing and
Configuring
Windows Server
2012**

Get Free Windows Powershell

Desired State
Configuration
Revealed

Remain highly competitive in the server and VM market by gaining the practical skills needed to operate Nano Server About This Book The days of the local server are numbered, and this book will make

Get Free Windows Powershell

Desired State
Configuration
Revealed

you an ace by giving you the skills needed to administer Nano Server and survive in the brave new server world Learn to quickly automate multiple VMs and support Hyper-V clusters, all through small

Get Free Windows Powershell

Desired State
Configuration
Revealed

footprints from a
single host Apply
up-to-date, real-
world examples
presented in this
book and improve
the scalability and
efficiency of large-
scale VM
deployments Who
This Book Is For
This book opens

Get Free Windows Powershell

Desired State
Configuration
Revealed

up new potential
for both
developers and IT
pros alike. The
book is primarily
for Server
administrators and
IT Professionals
who would like to
deploy and
administer Nano
Server within their

Get Free Windows Powershell

Desired State
Configuration
Revealed

organizations, and
for developers who
are trying to make
maximal use of
Server Containers
and Hyper-V
Containers with
Nano Servers.

What You Will
Learn Understand
Nano Server
Deploy Nano

Get Free Windows
Powershell

Desired State
Configuration
Revealed
Server Deploy
Hyper-V Clusters
on Nano Server

Deploy Nano
Server with
SCVMM Manage
Nano Server using
PowerShell and
Remote Server
Management
Tools Manage
Nano Server with

Get Free Windows
Powershell

Desired State
third-party tools

Configuration
Run Server

Containers and
Hyper-V

Containers on
Nano Server

Troubleshoot Nano
Server Validate

developed
applications that
run on Nano
Server In Detail

Get Free Windows Powershell

Desired State Configuration Revealed

Nano Server allows developers and operations teams to work closely together and use containers that package applications so that the entire platform works as one. The aim of Nano Server is to

Get Free Windows Powershell

Desired State Configuration Revealed

help applications run the way they are intended to. It can be used to run and deploy infrastructures (acting as a compute host, storage host, container, or VM guest operating system) without

Get Free Windows Powershell

Desired State
Configuration
Revealed
consuming
significant
resources.

Although Nano
Server isn't
intended to
replace Server
2016 or 2012 R2,
it will be an
attractive choice
for developers and
IT teams. Want to

Get Free Windows Powershell

Desired State
Configuration
Revealed

improve your
ability to deploy a
new VM and install
and deploy
container apps
within minutes?

You have come to
the right place!

The objective of
this book is to get
you started with
Nano Server

Get Free Windows Powershell

Desired State
Configuration
Revealed

successfully. The journey is quite exciting, since we are introducing you to a cutting-edge technology that will revolutionize today's datacenters. We'll cover everything from the basic to advanced topics.

Get Free Windows Powershell

Desired State Configuration Revealed

You'll discover a lot of added value from using Nano Server, such as hundreds of VM types on a single host through a small footprint, which could be a big plus for you and your company. After reading this

Get Free Windows Powershell

Desired State
Configuration
Revealed

book, you will have the necessary skills to start your journey effectively using Nano Server. Style and approach Gauge all the information needed to get up-and-running with the latest Nano Server built by

Get Free Windows Powershell

Desired State
Configuration
Revealed

Microsoft using
this easy to follow
step-by-step guide.
Prepare for Exam
70-414 and help
demonstrate your
real-world mastery
of advanced server
design, planning,
and
implementation.

Designed for

Get Free Windows Powershell

Desired State
Configuration
Revealed

experienced,
MCSA-certified
professionals
ready to advance
their status. Exam
Ref focuses on the
critical-thinking
and decision-
making acumen
needed for
success at the
MCSE level.

Get Free Windows Powershell

Desired State
Configuration
Revealed

Optimize your exam-prep by focusing on the expertise needed to: Manage and Maintain a Server Infrastructure Plan and Implement a Highly Available Enterprise Infrastructure Plan and Implement a

Get Free Windows
Powershell
Desired State
Server
Configuration
Virtualization
Infrastructure
Design and
Implement Identity
and Access
Solutions
Efficiently
administer and
maintain your
development
environment with

Get Free Windows
PowerShell

Desired State

Windows

Configuration

PowerShell About

Revealed

This Book Explore

scripting and

automation

techniques with

Windows

PowerShell Gain

concrete

knowledge of

Windows

PowerShell

Get Free Windows Powershell

Desired State
Configuration
Revealed

scripting to
perform
professional level
scripting Discover
the benefits of the
Configuration
Management
Platform with this
step-by-step guide
that includes real-
world scripting
examples Who

Get Free Windows Powershell

Desired State
Configuration
Revealed

This Book Is For If
you are an IT
professional or
developer who has
worked on the .Net
platform and you
want to learn
automation using
Windows
PowerShell, then
this book is for
you. This self-start

Get Free Windows Powershell

Desired State
Configuration
Revealed
guide takes you
from the basics
and gradually

moves to an
intermediate level
to show you how
to perform
professional
scripting. What
You Will Learn
Understand the
concepts of

Get Free Windows Powershell

Desired State

building

PowerShell scripts
and the basics of

programming

Manage the LYNC,
Exchange, and
SharePoint

platforms Create a
Pull server using a
SMB file share and
HTTP and HTTPS
Use .NET classes

Get Free Windows
PowerShell

Desired State
Configuration
Revealed

in Windows
PowerShell and
C# to manage
Exchange Online
Use PowerShell in
C# to manage
Exchange Online
and work with
.NET classes in
PowerShell
Automate LYNC
clients, consuming

Get Free Windows Powershell

Desired State
Client Server
Configuration
Object Models to
Revealed
administrate

SharePoint Online
In Detail Windows
PowerShell 5.0 for
.NET Developers
is your self-start
guide to
performing
automation using
Windows

Get Free Windows PowerShell

Desired State
Configuration
Revealed

PowerShell. This book will help you to understand the PowerShell syntax and grammar and will also teach you techniques to remove the rough edges of manual deployments.

Packed with
PowerShell scripts

Get Free Windows Powershell

Desired State
Configuration
Revealed

and sample C#
codes to automate
tasks, it also
includes real-world
scenarios such as
administering
office servers to
help you save time
and perform
deployments
swiftly and
efficiently. The

Get Free Windows Powershell

Desired State
Configuration
Revealed

book begins with
the Windows
PowerShell basics,
explores the
significant features
of Windows
Management
Framework 5.0,
covers the basic
concepts of
Desired State
Configuration and

Get Free Windows Powershell

Desired State Configuration Revealed

the importance of idempotent deployments. By the end of the book, you will have a good understanding of Windows PowerShell's features and will be able to automate your

Get Free Windows Powershell

Desired State
Configuration
Revealed

tasks and manage configuration effectively. Style and approach This is an easy-to-follow step-by-step guide with text-enabled screenshots. Each topic is explained with codes and examples. It also

Get Free Windows Powershell

Desired State Configuration Revealed
includes multiple approaches for a number of tasks to let you choose the best one for you depending on your scenario.

Enhance your skills in expert module development, deployment,

Get Free Windows Powershell

Desired State
Configuration
Revealed

security, DevOps,
and cloud Key
Features A step-by-
step guide to get
you started with
PowerShell Core
6.0 Harness the
capabilities of
PowerShell Core
6.0 to perform
simple to complex
administration

Get Free Windows Powershell

Desired State
Configuration
Revealed

tasks Learn core
administrative
concepts such as
scripting, pipelines,
and DSC Book

Description

Beginning with an
overview of the
different versions
of PowerShell,

Learn PowerShell
Core 6.0

Get Free Windows Powershell

Desired State
Configuration
Revealed

introduces you to
VSCode and then
dives into helping
you understand
the basic
techniques in
PowerShell
scripting. You will
cover advanced
coding techniques,
learn how to write
reusable code as

Get Free Windows PowerShell

Desired State
Configuration
Revealed

well as store and
load data with
PowerShell. This
book will help you
understand
PowerShell
security and Just
Enough
Administration,
enabling you to
create your own
PowerShell

Get Free Windows Powershell

Desired State
Configuration
Revealed

repository. The last set of chapters will guide you in setting up, configuring, and working with Release Pipelines in VSCode and VSTS, and help you understand PowerShell DSC. In addition to this,

Get Free Windows Powershell

Desired State
Configuration
Revealed

you will learn how
to use PowerShell
with Windows,
Azure, Microsoft
Online Services,
SCCM, and SQL
Server. The final
chapter will
provide you with
some use cases
and pro tips. By
the end of this

Get Free Windows Powershell

Desired State
Configuration
Revealed

book, you will be able to create professional reusable code using security insight and knowledge of working with PowerShell Core 6.0 and its most important capabilities. What

Get Free Windows Powershell

Desired State
Configuration
Revealed
you will learn Get
to grips with

Powershell Core

6.0 Explore basic
and advanced

PowerShell

scripting

techniques Get to
grips with

Windows

PowerShell

Security Work with

Get Free Windows Powershell

Desired State
Configuration
Revealed
centralization and
DevOps with
PowerShell

Implement
PowerShell in your
organization
through real-life
examples Learn to
create GUIs and
use DSC in
production Who
this book is for If

Get Free Windows Powershell

Desired State
Configuration
Revealed

you are a Windows administrator or a DevOps user who wants to leverage PowerShell to automate simple to complex tasks, then this book is for you. Whether you know nothing about PowerShell or just enough to

Get Free Windows Powershell

Desired State
Configuration
Revealed

get by, this guide will give you what you need to go to take your scripting to the next level. You'll also find this book useful if you're a PowerShell expert looking to expand your knowledge in areas such as

Get Free Windows PowerShell

Desired State
Configuration
Revealed
PowerShell
Security and
DevOps.

Learn PowerShell
from the inside out,
right from basic
scripting all the
way to becoming a
master at
automating,
managing, and
maintaining your

Get Free Windows Powershell

Desired State

Windows

Configuration

environment About

Revealed

This Book Use

proven best

practices to

optimize code and

automate

redundant tasks

Get to grips with

PowerShell's

advanced

functions and

Get Free Windows Powershell

Desired State
Configuration
Revealed

effectively
administer your
system Create a
variety of
PowerShell scripts
to automate your
environment Who
This Book Is For If
you are a system
administrator who
wants to become
an expert in

Get Free Windows Powershell

Desired State
Configuration
Revealed
automating and
managing your
Windows

environment, then
this course is for
you. Some basic
understanding of
PowerShell would
be helpful. What
You Will Learn

Discover
PowerShell

Get Free Windows Powershell

Desired State
Configuration
Revealed
commands and
cmdlets and
understand

PowerShell

formatting Solve
common problems
using basic file
input/output
functions Use
.NET classes in
Windows

PowerShell and

Get Free Windows Powershell

Desired State

C# and manage
Exchange Online

Configuration
Revealed
Use PowerShell in

C# to manage

Exchange Online

and work with

.NET classes in

PowerShell

Automate LYNC

clients, consuming

client-side object

models to

Get Free Windows Powershell

Desired State
Configuration
Revealed

administrate
SharePoint Online
Optimize code
through the use of
functions,
switches, and
looping structures
Manage files,
folders, and
registries through
the use of
PowerShell

Get Free Windows Powershell

Desired State
Configuration
Revealed

Discover best practices to manage Microsoft systems In Detail

Are you tired of managing Windows

administrative tasks manually and are looking to automate the entire process? If

Get Free Windows Powershell

Desired State
Configuration
Revealed

yes, then this is the right course for you. This learning path starts your PowerShell journey and will help you automate the administration of the Windows operating system and applications that run on

Get Free Windows Powershell

Desired State
Configuration
Revealed

Windows. It will get you up and running with PowerShell, taking you from the basics of installation to writing scripts and performing web server automation. You will explore the PowerShell

Get Free Windows Powershell

Desired State
Configuration
Revealed

environment and discover how to use cmdlets, functions, and scripts to automate Windows systems.

The next installment of the course focuses on gaining concrete knowledge of Windows

Get Free Windows Powershell

Desired State Configuration Revealed

PowerShell scripting to perform professional-level scripting. The techniques here are packed with PowerShell scripts and sample C# code to automate tasks. You will use .NET classes in

Get Free Windows Powershell

Desired State
Configuration
Revealed

PowerShell and
C# to manage
Exchange Online.

In the final section,
you will delve into
real-world
examples to learn
how to simplify the
management of
your Windows
environment. You
will get to grips

Get Free Windows Powershell

Desired State
Configuration
Revealed

with PowerShell's
advanced
functions and how
to most effectively
administer your
system. This
Learning Path
combines some of
the best that Packt
has to offer in one
complete, curated
package. It

Get Free Windows Powershell

Desired State
Configuration
Revealed
includes content
from the following
Packt products:

Getting Started
with PowerShell by
Michael Shepard
Windows

PowerShell for
.Net Developers
Second Edition by
Chendrayan
Venkatesan and

Get Free Windows Powershell

Desired State
Configuration
Revealed
Sherif Talaat
Mastering
Windows

PowerShell

Scripting by

Brenton J.W.

Blawat Style and

approach This is a

step-by-step

course to help you

effectively

administer and

Get Free Windows Powershell

Desired State
Configuration
Revealed

maintain your
development
environment with
PowerShell.

Exam Ref 70-532
Implementing an
Advanced Server
Infrastructure
Windows Server
2019 Automation
with PowerShell
Cookbook

Get Free Windows Powershell

Getting Started
with Nano Server
Windows

PowerShell 5 in 24
Hours, Sams
Teach Yourself
800x600 Focused
technical guidance
from System Center
experts Part of a
series of specialized
guides on System

Get Free Windows Powershell

Desired State
Configuration
Revealed

Center--this book walks through the implementation of Operations Manager in the enterprise using Windows Server 2012 R2 and System Center 2012 R2, or later. Written by experts on the Microsoft System Center team and

Get Free Windows Powershell

Desired State
Configuration
Revealed

with Microsoft MVP
Mitch Tulloch as
series editor, this

title focuses on best
practices for
working with
management packs,
maximizing the
effectiveness or
reporting,
troubleshooting your
environment, and

Get Free Windows Powershell

Desired State
Configuration
Revealed
using Operations
Manager in cloud
environments.

```
Normal 0 false false  
false EN-US X-  
NONE X-NONE Mi  
crosoftInternetExplo  
rer4
```

This book shows
you how to use
PowerShell to
quickly pinpoint,

Get Free Windows Powershell

Desired State
Configuration
Revealed

diagnose, and solve
problems with your
Windows Server
environment,
reducing the need
for external tools,
and ensuring you
stay up-to-date with
PowerShell as it
quickly becomes one
of the most useful
tools in an

Get Free Windows Powershell

Desired State
Configuration
Revealed

administrator's
toolkit. Authors
Derek Schauland

and Donald Jacobs
take you through a
range of examples,
showing you how to
gather information
from different
computer sources.

Whether you are
logged into the

Get Free Windows Powershell

Desired State
Configuration
Revealed

server locally or just wanting to check the status of a server from your local computer, the right PowerShell cmdlets can give you a lot of information quickly, and allow you to troubleshoot your servers from the command line with

Get Free Windows Powershell

Desired State
Configuration
Revealed

little interaction with
the server's desktop.

In this book, you'll
learn how
PowerShell can help
you: Understand
PowerShell versus
the GUI Gather
information from
Windows event logs
Gather information
from your server,

Get Free Windows Powershell

Desired State
Configuration
Revealed

including memory,
hardware
configurations, and
disk space available

Find out what
applications are
installed on a server

Find out which
Windows updates
have been installed
on your computer

Check the processes

Get Free Windows Powershell

Desired State
Configuration
Revealed
running on your
computer and gather
information about
them, or start and
stop them from the
command line

Quickly check if
services are running,
and stop or start
them as needed Who
This Book Is For
Windows

Get Free Windows Powershell

Desired State Configuration Revealed

Administrators, IT Professionals and support personnel needing ways to quickly find and troubleshoot issues in their environment using the included tools. Those entering IT or wishing to develop their PowerShell skills

Get Free Windows Powershell

Desired State
Configuration
Revealed

will also benefit
from this book.

This is the eBook of
the printed book and
may not include any
media, website
access codes, or
print supplements
that may come
packaged with the
bound book. The
Exam Ref is the

Get Free Windows Powershell

Desired State
Configuration
Revealed
official study guide
for Microsoft
certification exams.

Featuring concise
coverage of the
skills measured by
the exam,
challenging Thought
Experiments, and
pointers to more in-
depth material for
the candidate

Get Free Windows Powershell

Desired State
Configuration
Revealed
needing additional
study, exam
candidates get

professional-level
preparation for the
exam. The Exam Ref
helps candidates
determine their
readiness for the
exam, and provides
Exam Tips to help
maximize their

Get Free Windows Powershell

Desired State
Configuration
Revealed

performance on the exam. The organization of the material mirrors the skills measured by the exam as presented on the certification exam webpage.

Prepare for
Microsoft Exam
70-740—and help

Get Free Windows Powershell

Desired State Configuration Revealed

demonstrate your
real-world mastery
of Windows Server
2016 installation,
storage, and
compute features
and capabilities.

Designed for
experienced IT
professionals ready
to advance their
status, Exam Ref

Get Free Windows Powershell

Desired State
Configuration
Revealed

focuses on the critical-thinking and decision-making acumen needed for success at the MCSA level. Focus on the expertise measured by these objectives:

- Install Windows Servers in host and compute environments •

Get Free Windows Powershell

Desired State
Configuration
Revealed

Implement storage solutions •

Implement Hyper-V

- Implement

Windows containers

- Implement high availability •

Maintain and

monitor server

environments This

Microsoft Exam Ref:

- Organizes its

Get Free Windows Powershell

Desired State
Configuration
Revealed
coverage by exam
objectives • Features
strategic, what-if
scenarios to
challenge you •

Assumes you have
experience working
with Windows

Server in an
enterprise
environment; are
familiar with core

Get Free Windows Powershell

Desired State
networking
Configuration
infrastructure,
Revealed
topologies,

architectures, and
protocols; and have
experience with
Windows clients and
virtualization About
the Exam Exam
70-740 focuses on
the skills and
knowledge

Get Free Windows Powershell

Desired State
Configuration
Revealed

necessary to
implement and
configure storage
and compute
features and
functionality in
Windows Server
2016. About
Microsoft
Certification Passing
this exam earns you
credit toward a

Get Free Windows Powershell

Desired State
Configuration
Revealed
Microsoft Certified
Solutions Associate
(MCSA)

certification that
demonstrates your
mastery of core
Windows Server
2016 skills for
reducing IT costs
and delivering more
business value.

Exam 70-741

Get Free Windows Powershell

Desired State
Configuration
Revealed
(Networking with
Windows Server
2016) and Exam

70-742 (Identity
with Windows

Server 2016) are
also required for

MCSA: Windows
Server 2016

certification. See full
details at: microsoft.

com/learning

Get Free Windows Powershell

Desired State

Prepare for
Microsoft Exam

70-532—and help

demonstrate your
real-world mastery
of the skills needed
to develop Microsoft
Azure solutions.

Designed for
experienced IT
professionals ready
to advance their

Get Free Windows Powershell

Desired State
status, Exam Ref

Configuration
focuses on the
critical thinking and
decision-making

acumen needed for
job success. Focus
on the expertise

measured by these
objectives: Create
and manage Azure

Resource Manager
Virtual Machines

Get Free Windows Powershell

Desired State

Design and
implement a storage
and data strategy

Manage identity,
application, and
network services

Design and
implement Azure
PaaS compute, web,
and mobile services

This Microsoft

Exam Ref:

Get Free Windows Powershell

Desired State

Organizes its
coverage by exam
objectives Features

strategic, what-if
scenarios to

challenge you

Assumes you have
experience

designing,

programming,

implementing,

automating, and

Get Free Windows Powershell

Desired State
monitoring

Microsoft Azure

Configuration
Revealed

solutions, and are

proficient with tools,

techniques, and

approaches for

building scalable,

resilient solutions

About the Exam

Exam 70-532

focuses on skills and

knowledge for

Get Free Windows Powershell

Desired State
Configuration
Revealed

building highly
available solutions in
the Microsoft Azure
cloud. About

Microsoft
Certification This
exam is for
candidates who are
experienced in
designing,
programming,
implementing,

Get Free Windows Powershell

Desired State
Configuration
Revealed
automating, and
monitoring

Microsoft Azure
solutions.

Candidates are also
proficient with
development tools,
techniques, and
approaches used to
build scalable and
resilient solutions.

See full details at: [mi](#)

Get Free Windows Powershell

Desired State
Configuration
Revealed
microsoft.com/learning
Learning PowerShell
DSC - Second
Edition

Automate and
manage your
environment using
PowerShell Core
6.0, 3rd Edition
Windows
Powershell In Action
Exam Ref 70-414

Get Free Windows Powershell

Desired State Configuration Revealed

Implementing an Advanced Server Infrastructure (MCSE)

PowerShell:

Automating
Administrative
Tasks

Efficiently manage
and administer
enterprise
environments using

Get Free Windows Powershell

Desired State
Configuration
Revealed
Microsoft Windows
Server 2019 Key
FeaturesLeverage

Windows Server
2019 to improve
enterprise workflow
efficiency and
increase

productivityDeliver
enterprise-grade
cloud services that
can be applied in

Get Free Windows
Powershell
Desired State

your

infrastructure Get up
and running with

PowerShell and the
all-new Hyper-V

improvements Book

Description Do you
want to get up and
running with

essential

administrative tasks
in Windows Server

Get Free Windows Powershell

Desired State
Configuration
Revealed

2019? This second
edition of the
Windows Server

2019 Cookbook is
packed with
practical recipes that
will help you do just
that. The book starts
by taking you
through the basics
that you need to
know to get a

Get Free Windows Powershell

Desired State
Configuration
Revealed
Windows Server
operating system
working, before

teaching you how to
navigate through
daily tasks using the
upgraded graphical
user interface (GUI).

You'll then learn
how to compose an
optimal Group
Policy and perform

Get Free Windows Powershell

Desired State
Configuration
Revealed

task automation with
PowerShell
scripting. As you
advance, you'll get
to grips with faster
app innovation,
improved Windows
security measures,
and hybrid cloud
environments. After
you've explored the
functions available

Get Free Windows Powershell

Desired State
Configuration
Revealed
to provide remote
network access to
your users, you'll

cover the new Hyper-
V enhancements.

Finally, this

Windows Server
book will guide you
through practical
recipes relating to
Azure integration
and important tips

Get Free Windows Powershell

Desired State
Configuration
Revealed
for how to manage a
Windows Server
environment

seamlessly. By the
end of this book,
you'll be well-
versed with

Windows Server
2019 essentials and
have the skills you
need to configure
Windows services

Get Free Windows Powershell

Desired State
Configuration
Revealed

and implement best
practices for
securing a Windows
Server environment.

What you will
learnGet up and
running with
Windows Server
2019's new
featuresInstall,
configure, and
administer Windows

Get Free Windows Powershell

Desired State

Server 2019

Configuration

effectively Configure
the server to host

any enterprise

application Discover

ways to manage a

server without a

GUI Safeguard your

virtual machines in

the event of server

failure Explore new

ways to integrate

Get Free Windows
Powershell

Desired State
Configuration
Revealed
Windows Server
with Microsoft
AzureDeploy

Windows containers
using DockerWho
this book is for This
Windows Server
2019 book is for
system
administrators and
IT professionals who
have basic

Get Free Windows Powershell

Desired State Configuration Windows Revealed

experience in
environments and
are interested in
acquiring the skills
and knowledge
needed to manage
and maintain the
core infrastructure
required for a
Windows Server
2019 environment.

Get Free Windows Powershell

Desired State Configuration Revealed

Conquer Windows Server 2016—from the inside out! Dive into Windows Server 2016—and really put your Windows Server expertise to work. Focusing on Windows Server 2016's most powerful and innovative features,

Get Free Windows Powershell

Desired State Configuration Revealed

this supremely
organized reference
packs hundreds of
timesaving solutions,
tips, and
workarounds—all you
need to plan,
implement, or
manage Windows
Server in enterprise,
data center, cloud,
and hybrid

Get Free Windows Powershell

Desired State
Configuration
Revealed
environments. Fully
reflecting Windows
Server new

capabilities for the
cloud-first era, Orin
covers everything
from Nano Server to
Windows Server and
Hyper-V Containers.
You'll discover how
experts tackle
today's essential

Get Free Windows Powershell

Desired State
Configuration
Revealed

tasks—and challenge yourself to new levels of mastery. •

Optimize the full Windows Server 2016 lifecycle, from planning and configuration through rollout and administration •

Ensure fast, reliable upgrades and

Get Free Windows Powershell

Desired State

migrations •

Seamlessly deliver
core DNS, DHCP,
file, print, storage,
and Internet services

- Use IPAM to centrally manage all enterprise DNS and DHCP infrastructure

- Gain dramatic storage utilization improvements with

Get Free Windows Powershell

Desired State

built-in

deduplication and
storage replica •

Build flexible cloud
and hybrid

environments with

Windows Containers
and Shielded VMs •

Seamlessly integrate
Azure IaaS services
with Windows

Server 2016 • Slash

Get Free Windows Powershell

Desired State
Configuration
Revealed
resource usage and
improve availability
with tiny Nano

Server installations •

Improve

configuration

management with

Desired State

Configuration and

Chef • Deliver

Active Directory

identity, certificate,

Get Free Windows Powershell

Desired State
Configuration
Revealed
federation, and
rights management
services • Protect

servers, clients,
assets, and users
with advanced

Windows Server

2016 security

features including

Just Enough

Administration For

Experienced

Get Free Windows Powershell

Desired State Configuration Revealed

Windows Server
Users and IT
Professionals • Your
role: Experienced int
ermediate-to-
advanced level
Windows Server
user or IT
professional •

Prerequisites: Basic
understanding of
Windows Server

Get Free Windows Powershell

Desired State
procedures,
Configuration
techniques, and
Revealed
navigation

Windows

PowerShell in

Action was written

by Bruce Payette,

one of the founding

members of the

Windows

PowerShell team, co-

designer of the

Get Free Windows Powershell

Desired State
Configuration
Revealed

PowerShell language
and the principal
author of the

PowerShell language
implementation.

This book is a
tutorial for
sysadmins and
developers
introducing the
PowerShell language
and its environment.

Get Free Windows Powershell

Desired State Configuration Revealed

It shows you how to build scripts and utilities to automate system tasks or create powerful system management tools to handle the day-to-day tasks that drive a Windows administrator's life. It's rich in interesting examples that will

Get Free Windows Powershell

Desired State
Configuration
Revealed

spark your
imagination. The
book covers batch
scripting and string
processing, COM,
WMI, and even
.NET and WinForms
programming.

Welcome to
PowerShell. The
basics. Working
with types.

Get Free Windows Powershell

Desired State Configuration Revealed

Operators and
expressions.

Advanced operators
and variables. Flow
control in scripts.

Functions and
scripts. Scriptblocks
and objects. Errors,
exceptions, and
script debugging.

Processing text,
files, and XML.

Get Free Windows Powershell

Desired State
Configuration
Revealed

Getting fancy-.NET
and WinForms.

Windows objects:

COM and WMI.

Security, security,
security

Your hands-on guide
to Windows

PowerShell scripting
fundamentals

Expand your
expertise--and teach

Get Free Windows PowerShell

Desired State
Configuration
Revealed
yourself the
fundamentals of
Windows

PowerShell

scripting, including
features available in
Windows

PowerShell 5. If you
are an IT
professional, power
user, or consultant,
you'll get the

Get Free Windows Powershell

Desired State
Configuration
Revealed
guidance, exercises,
and code you need to
master core

techniques for
automating

Windows setup,
deployment, and
management.

Discover how to:

Run cmdlets and
command-line

utilities Administer

Get Free Windows Powershell

Desired State

Configuration
Revealed
Windows-based
servers and desktops
with built-in cmdlets

Use providers to
access external

information Write
and run scripts from
the Windows ISE

Create functions that
are easy to maintain

Build standardized
environments with

Get Free Windows Powershell

Desired State
Configuration
Revealed

profiles Automate
Windows systems
with WMI, CIM
cmdlets, and
remoting Automate
Active Directory
Domain Services
(AD DS) Debug
scripts and handle
errors Run
commands that
survive interruptions

Get Free Windows Powershell

Use Desired State
Configuration (DSC)
to manage software

services and their
environments Get

powerful new
modules from

PowerShell Gallery

About You This

book is for: IT

professionals and

power users who

Get Free Windows Powershell

Desired State
Configuration
Revealed
want to get
productive with
Windows

PowerShell,
including new
features in Windows
PowerShell 5
Windows system
administrators who
want to be more
efficient and
productive Anyone

Get Free Windows PowerShell

Desired State
Configuration
Revealed
pursuing Windows
PowerShell
certifications No

experience with
Windows

PowerShell or other
scripting
technologies

necessary

Fully updated for
Windows Server

2012 R2! Prepare for

Get Free Windows Powershell

Desired State
Microsoft Exam

70-410 - and help
Configuration
Revealed
demonstrate your

real-world mastery
of implementing and
configuring core
services in Windows
Server 2012 R2.

Designed for
experienced IT
professionals ready
to advance their

Get Free Windows Powershell

Desired State
status, Exam Ref

Configuration
focuses on the
critical thinking and
decision making
acumen needed for
success at the
MCSA level. Focus
on the expertise
measured by these
objectives: Install
and configure
servers Configure

Get Free Windows Powershell

Desired State
Configuration
Revealed

server roles and
features Configure
Hyper-V Deploy and
configure core
network services
Install and
administer Active
Directory Create and
manage Group
Policy This
Microsoft Exam Ref:
Organizes its

Get Free Windows Powershell

Desired State
Configuration
Revealed
coverage by exam
objectives. Features
strategic, what-if
scenarios to
challenge you.

Learn Powershell
Core 6.0

Mastering Windows
PowerShell
Scripting

PowerShell Desired
State Configuration

Get Free Windows
PowerShell

Desired State
Configuration
Essential Training
Windows

PowerShell Desired
State Configuration
Revealed

Windows Server
2016 Inside Out
(includes Current
Book Service)

*Pro PowerShell
Desired State
ConfigurationAn*

Get Free Windows Powershell

*In-Depth Guide
to Windows*

PowerShell

DSCApress

Fully updated

for Windows

Server 2012 R2!

Prepare for

Microsoft Exam

70-417 - and

help demonstrate

your real-world

mastery of

Windows Server

Get Free Windows Powershell

Desired State
Configuration
2012 R2 core
infrastructure

services. Exam
70-417 is an
upgrade exam
that is a
composite of
three standalone
exams: 70-410,
70-411, and
70-412. Exam
70-417 validates
skills related
to core features

Get Free Windows
Powershell
Desired State
and
Configuration
functionality of
Windows Server
2012 R2, from
the existing
knowledge base
of a Microsoft
Certified
Systems
Administrator
for Windows
Server 2008.
Focus on the
expertise

Get Free Windows Powershell

Desired State
Configuration
measured by
these

**objectives: EXAM
70-410 Install
and configure
servers**

**Configure server
roles and
features**

**Configure Hyper-
V Deploy and
configure core
network services**

Install and

Get Free Windows Powershell

Desired State
administer

Configuration
Active Directory

EXAM 70-411

*Deploy, manage,
and maintain
servers*

*Configure
network services
and access*

*Configure a
network policy
server*

infrastructure

Configure and

Get Free Windows Powershell

*manage Active
Directory*

*Configure and
manage Group*

Policy EXAM

*70-412 Configure
and manage high
availability*

*Configure file
and storage
solutions*

*Implement
business*

continuity and

Get Free Windows Powershell

Desired State
Configuration
disaster
recovery

Configure

network services

Configure

identity and

access solutions

This Microsoft

Exam Ref:

Organizes its

coverage by exam

objectives.

Features

strategic, what-

Get Free Windows Powershell

*Desired State
Configuration*
if scenarios to
challenge you.

*Prepared for
Microsoft Exam
AZ-103—and help
demonstrate your
real-world
mastery of
deploying and
managing
infrastructure
in Microsoft
Azure cloud
environments.*

Get Free Windows Powershell

Designed for
experienced
cloud

professionals
ready to advance
their status,
Exam Ref focuses
on the critical
thinking and
decision-making
acumen needed
for success at
the Microsoft
Certified

Get Free Windows Powershell

*Desired State
Configuration*
Associate level.

Focus on the

expertise

measured by

these

objectives:

Manage Azure

subscriptions

and resources

Implement and

manage storage

Deploy and

manage virtual

machines (VMs)

Get Free Windows Powershell

*Desired State
Configuration
Repack*
Configure and
manage virtual
networks Manage

identities This
Microsoft Exam

Ref: Organizes
its coverage by
exam objectives

Features

strategic, what-
if scenarios to
challenge you

Assumes you are
an experienced

Get Free Windows Powershell Desired State Azure

administrator

who understands

and manages

diverse storage,

security,

networking

and/or compute

cloud services

About the Exam

Exam AZ-103

focuses on

skills and

knowledge needed

Get Free Windows Powershell

*Desired State
Configuration
Revisited*

*to manage Azure
subscriptions;
analyze resource
utilization and
consumption;
manage resource
groups;
establish
storage
accounts;
import/export
data; configure
Azure files;
implement*

Get Free Windows Powershell

*Desired State
Configuration
Repackaged*

*backup; create,
configure, and
automate VM
deployment;
manage VMs and
VM backups;
implement,
manage, and
connect virtual
networks;
configure name
resolution;
create and
configure*

Get Free Windows Powershell

*Desired State
Configuration
Revealed*
**Network Security
Groups; manage
Azure AD and its
objects; and
implement and
manage hybrid
identities.**

**About Microsoft
Certification
Passing exam
AZ-103 earns
your Microsoft
Certified: Azure
Administrator**

Get Free Windows Powershell

Associate

certification,

demonstrating

your skills in

implementing,

monitoring, and

maintaining

Microsoft Azure

solutions,

including major

services related

to compute,

storage,

network, and

Get Free Windows Powershell

Desired State
security.

Configuration
Apply best
practices for
automating
system

administration
with Windows
PowerShell 2.0
and optimize
your operational
efficiency and
results. This
guide captures
the field-tested

Get Free Windows Powershell

*Desired State
Configuration
Revealed*

*tips, real-world
lessons, and
candid advice of
practitioners
across the range
of business and
technical
scenarios and
across the
scripting life
cycle. Discover
how to: Take
advantage of new
features and*

Get Free Windows Powershell

Desired State
Configuration
*cmdlets in
Windows*

*PowerShell 2.0
Plan scripting
usage scenarios
and define
standards Deploy
Windows*

*PowerShell 2.0
to desktops and
servers
Configure
scripting
environments*

Get Free Windows Powershell

Desired State
Configuration

*Optimize remote
scripting*

capabilities

*Work with Active
Directory and
WMI Design*

*functions and
modules Optimize
input and output*

Handle errors

Document scripts

Test and

troubleshoot

scripts Avoid

Get Free Windows Powershell

Desired State
Configuration
Revisited
*scripting
pitfalls The
companion CD*

*includes a fully
searchable eBook
and sample
scripts. For
customers who
purchase an
ebook version of
this title,
instructions for
downloading the
CD files can be*

Get Free Windows Powershell

*Desired State
Configuration*
found in the
ebook.

*Prepare for the
newest versions
of Microsoft
Exam 70-533-and
help demonstrate
your real-world
mastery of
implementing
Microsoft Azure
Infrastructure
as a Service
(IaaS). Designed*

Get Free Windows Powershell

*Desired State
Configuration
Revealed*

*for experienced
IT professionals
ready to advance
their status,
Exam Ref focuses
on the critical
thinking and
decision-making
acumen needed
for success at
the MCSA level.
Focus on the
expertise
measured by*

Get Free Windows Powershell

Desired State
Configuration
these
objectives:

*Design and
implement Azure
App Service Apps
Create and
manage compute
resources, and
implement
containers
Design and
implement a
storage
strategy,*

Get Free Windows
Powershell
Desired State
including
Configuration
Revisited
storage
encryption
Implement
virtual
networks,
including new
techniques for
hybrid
connections
Design and
deploy ARM
Templates Manage
Azure security

Get Free Windows
Powershell
Desired State
and Recovery
Configuration
Services Manage
Azure

*operations,
including
automation and
data analysis
Manage
identities with
Azure AD Connect
Health, Azure AD
Domain Services,
and Azure AD
single sign on*

Get Free Windows Powershell

*This Microsoft
Exam Ref:*

*Organizes its
coverage by exam
objectives*

*Features
strategic, what-
if scenarios to
challenge you*

*Assumes you are
an IT*

*professional
with experience
implementing and*

Get Free Windows Powershell

*Desired State
Configuration
monitoring cloud
and hybrid*

*Revised
solutions and/or
supporting
application
lifecycle*

*management This
book covers the
533 objectives
as of December
2017. If there
are updates for
this book, you
will find them*

Get Free Windows Powershell

Desired State
Configuration
at <https://aka.ms/examref5332E/errata>

Revealed About the
Exam Exam 70-533
focuses on
skills and
knowledge for
provisioning and
managing
services in
Microsoft Azure,
including:
implementing
infrastructure

Get Free Windows Powershell

Desired State Configuration

*components such
as virtual
networks,
virtual
machines,
containers, web
and mobile apps,
and storage;
planning and
managing Azure
AD, and
configuring
Azure AD
integration with*

Get Free Windows
Powershell
Desired State
on-premises
Configuration
Active Directory
domains. About
Microsoft
Certification
Passing this
exam helps
qualify you for
MCSA: Cloud
Platform
Microsoft
Certified
Solutions
Associate

Get Free Windows Powershell

*Desired State
Configuration
Revealed*

*certification,
demonstrating
your expertise
in applying
Microsoft cloud
technologies to
reduce costs and
deliver value.
To earn this
certification,
you must also
pass any one of
the following
exams: 70-532*

Get Free Windows Powershell

Desired State
Configuration

*Developing
Microsoft Azure*

*Solutions, or
70-534*

*Architecting
Microsoft Azure
Solutions, or
70-535,*

*Architecting
Microsoft Azure
Solutions, or
70-537:*

*Configuring and
Operating a*

Get Free Windows
Powershell

Desired State
Configuration
Revealed
**Hybrid Cloud
with Microsoft
Azure Stack.**

**Windows Server
2019 &
PowerShell All-
in-One For
Dummies
Exam 70-414
Implementing an
Advanced Server
Infrastructure
Upgrading Your
Skills to MCSA**

Get Free Windows
PowerShell
Desired State
Configuration
2012 R2
Revealed

*Instant Windows
PowerShell Guide*

Your one-stop
reference for
Windows Server
2019 and
PowerShell know-
how Windows
Server 2019 &
PowerShell All-
in-One For

Get Free Windows Powershell

Desired State
Configuration
Revealed

Dummies offers a single reference to help you build and expand your knowledge of all things Windows Server, including the all-important PowerShell framework. Written by an information security pro and

Get Free Windows Powershell

Desired State
Configuration
Book

professor who
trains aspiring
system

administrators,
this book covers
the broad range
of topics a
system
administrator
needs to know to
run Windows
Server 2019,
including how to
install,

Get Free Windows Powershell

configure, and
secure a system.

This book

includes

coverage of:

Installing &

Setting Up

Windows Server

Configuring

Windows Server

2019

Administering

Windows Server

2019 Configuring

Get Free Windows PowerShell

Desired State
Networking
Managing
Configuration

Security Working
with Windows
PowerShell

Installing and
Administering
Hyper-V
Installing,
Configuring, and
Using Containers

If you're a
budding or
experienced

Get Free Windows Powershell

Desired State
system
administrator

looking to build
or expand your
knowledge of
Windows Server,
this book has
you covered.

Learn the
essentials of
PowerShell
Desired State
Configuration.

DSC is a new IT

Get Free Windows Powershell

Desired State
Configuration
management
platform built

on Windows
PowerShell that
enables
administrators
to define the
desired state of
their systems
through
declarative
configuration
documents, and
manage

Get Free Windows Powershell

Desired State
Configuration
on an
ongoing basis.

Current IT pros will need to understand DSC as they move into managing Microsoft's next wave of server and cloud products that will leverage this important

Get Free Windows Powershell

Desired State
Configuration
technology. In
this course,

Matt Hester
shows how to
write
configuration
documents, work
with DSC
resources, and
apply
configurations
to systems via
both push and
pull modes.

Get Free Windows Powershell

Desired State
Configuration
Plus, he shows
how to

troubleshoot DSC
and use DSC in
non-Windows
environments
like Linux.

This Microsoft
Official
Academic Course
(MOAC) IT
Professional
curriculum
prepares

Get Free Windows Powershell

Desired State
certification
students for
Configuration

success every
step of the way.

This 70-414
Implementing an
Advanced Server
Infrastructure
exam course is
the second of a
series of two
exams Microsoft
Certified
Solutions

Get Free Windows Powershell

Desired State
Configuration
Associates
(MCSE)

Candidates are
required to pass
to gain the
MCSE: Windows
Server 2012 and
Windows Server
2012 R2
certification.

These MCSE exams
test the skills
and knowledge
necessary to

Get Free Windows Powershell

Desired State
Configuration
design,
implement, and
maintain a

Windows Server
2012

infrastructure
in an enterprise
scaled, highly
virtualized
environment.

Passing these
exams confirms
students'
ability to plan,

Get Free Windows Powershell

Desired State
Configuration
configure, and
implement the

Windows Server

2012 services,
such as server
deployment,
server

virtualization,
and network
access and
infrastructure.

This complete
ready-to-teach
MOAC program is

Get Free Windows Powershell

Desired State
Configuration
Mapped to all of
the exam
objectives.

Grasp advanced
PowerShell Core
6.0

functionalities
to automate your
environment Key
FeaturesKeep up
with changes
introduced in
PowerShell Core
6.0Easily

Get Free Windows Powershell

Desired State
Configuration
maintain
appropriate

compatibility

with older

versionsAutomate

complex tasks,

manipulate data,

and secure your

environment with

PowerShell Core

6.0Book

Description

PowerShell

scripts offer a

Get Free Windows Powershell

Desired State
Configuration
Reviewed

A handy way to automate various chores, however working effectively with these scripts can be a difficult task.

This comprehensive guide starts with the fundamentals before moving on

Get Free Windows PowerShell

Desired State
Configuration
to advanced-
level topics to
help you become
a PowerShell
Core 6.0 expert.
The first
module,
PowerShell Core
6.0
Fundamentals,
begins with the
new features of
PowerShell Core
6.0, installing

Get Free Windows Powershell

Desired State
Configuration
Parameters
it on Linux, and
working with

parameters,
objects and .NET
classes from
within

PowerShell Core
6.0. As you make
your way through
the chapters,
you'll see how
to efficiently
manage large
amounts of data

Get Free Windows Powershell

and interact
with other

services using
PowerShell Core
6.0. You'll be
able to make the
most of
PowerShell Core
6.0's powerful
automation
feature, where
you will have
different
methods

Get Free Windows Powershell

Desired State
Configuration
available to
parse data and
manipulate

regular
expressions and
Windows

Management
Instrumentation
(WMI). After

having explored
automation, you
will enter the
extending

PowerShell Core

Get Free Windows Powershell

Desired State
Configuration
6.0 module,
covering

asynchronous
processing and
desired state
configuration.

In the last
module, you will
learn to extend
PowerShell Core
6.0 using
advanced scripts
and filters, and
also debug

Get Free Windows Powershell

Desired State

issues along
with working on

Configuration
error handling

techniques. By

the end of this

book, you will

be an expert in

scripting with

PowerShell Core

6.0. What you

will

learnOptimize

code through the

use of

Get Free Windows Powershell

Desired State
Configuration
Looped

structures Work
with objects and
operators to
test and
manipulate
data Parse and
manipulate
different data
types Create
scripts and
functions using

Get Free Windows Powershell

Desired State
Configuration
PowerShellUse
jobs, events,

and popular
public modules
which assist
with

implementing mul
tithreadingWrite
.NET classes

with ease within
the

PowerShellCreate
and implement
regular

Get Free Windows Powershell

Desired State
Configuration
expressions in
PowerShell

scripts Make use
of advanced
techniques to
define and
restrict the
behavior of
parameters Who
this book is for
If you are a
system
administrator
who wants to

Get Free Windows Powershell

Desired State
Configuration
Reviewed

become an expert
in controlling
and automating
your Windows
environment,
then Mastering
Windows
PowerShell
Scripting is for
you. It is also
ideal for those
new to the
PowerShell
language.

Get Free Windows Powershell

Desired State
Configuration
Over 100 recipes
to help you
leverage

PowerShell to
automate Windows
Server 2016
manual tasks

About This Book
Automate Windows
server tasks
with the
powerful
features of the
PowerShell

Get Free Windows PowerShell

Desired State
Configuration
Language Master
new features

such as DevOps,
containers, and

Nano servers,
and speed up

their

performance

using PowerShell

Improve

PowerShell's

usability, and

control and

manage Windows-

Get Free Windows Powershell

Desired State
based

environments by
working through
inviting recipes

Who This Book Is

For If you are a
systems

administrator,
engineer, or an
architect

working with
Windows Server
2016 and want to
automate tasks

Get Free Windows Powershell

Desired State
Configuration
with PowerShell,
then this book

is for you. A
basic knowledge
of PowerShell is
expected. What

You Will Learn
Streamline
routine
administration
processes
Improve the
performance and
storage of your

Get Free Windows PowerShell

Desired State
Configuration
PowerShell
large-scale
PowerShell
scripts Use DSC
to leverage
Windows server
features
Generate
automatic
reports that
highlight
unexpected
changes in your

Get Free Windows Powershell

Desired State
environment
Monitor
Configuration

performance and
report on system
utilization

using detailed
graphs and
analysis Create

and manage a
reliable and
redundant Hyper-
V environment

Manage your
enterprise's

Get Free Windows Powershell

Desired State
patch level

Utilize multiple
Configuration
tools and

protocols to
manage your
environment In
Detail This book
showcases
several ways
that Windows
administrators
can use to
automate and
streamline their

Get Free Windows Powershell

Desired State
Configuration

job. You'll
start with the

PowerShell and
Windows Server
fundamentals,
where you'll
become well
versed with
PowerShell and
Windows Server
features. In the
next module,
Core Windows
Server 2016,

Get Free Windows Powershell

Desired State
Configuration
PowerShell
you'll implement
Nano Server,
manage Windows
updates, and
implement
troubleshooting
and server
inventories.

You'll then move
on to the
Networking
module, where
you'll manage
Windows network

Get Free Windows Powershell

Desired State
Configuration
Reviewed
services and
network shares.

The last module
covers Azure and
DSC, where you
will use Azure
on PowerShell
and DSC to
easily maintain
Windows servers.
Style and
approach This is
a practical
guide packed

Get Free Windows PowerShell

with attractive
recipes to help

you effectively
use PowerShell

to accelerate
your daily
administrative
tasks with
Windows server.

Windows
PowerShell Step
by Step

MCSA 70-410 Cert
Guide R2

Get Free Windows Powershell

Windows Server
2016 Automation
with PowerShell
Cookbook

The Complete
Guide to
Scripting
Microsoft's New
Command Shell
Microsoft System
Center
Operations
Manager Field
Experience

Get Free Windows Powershell

Desired State Configuration Revealed

Learn the fundamentals of PowerShell to build reusable scripts and functions to automate administrative tasks with Windows About This Book Harness the

Get Free Windows Powershell

capabilities of the
PowerShell
system to get
started quickly
with server
automation Learn
to package
commands into a
reusable script
and add control
structures and
parameters to

Get Free Windows Powershell

Desired State
Configuration
Revealed

make them
flexible Get to
grips with
cmdlets that
allow you to
perform
administration
tasks efficiently
Who This Book Is
For This book is
intended for
Windows

Get Free Windows Powershell

Desired State
Configuration
Revealed

administrators or
DevOps users
who need to use

PowerShell to
automate tasks.

Whether you
know nothing
about PowerShell
or know just
enough to get by,
this guide will
give you what

Get Free Windows Powershell

Desired State
Configuration
Revealed

you need to go to
take your
scripting to the
next level. What
You Will Learn
Learn to verify
your installed
version of
PowerShell,
upgrade it, and
start a
PowerShell

Get Free Windows Powershell

Desired State
Configuration
Revealed

session using the
ISE Discover
PowerShell
commands and
cmdlets and
understand
PowerShell
formatting Use
the PowerShell
help system to
understand what
particular

Get Free Windows Powershell

Desired State Configuration Revealed

cmdlets do
Utilise the
pipeline to
perform typical
data
manipulation
Package your
code in scripts,
functions, and
modules Solve
common
problems using

Get Free Windows Powershell

Desired State
Configuration
Revealed

basic file
input/output
functions Find

system

information with
WMI and CIM

Automate IIS

functionality and
manage it using
the WebAdminist
ration module In
Detail Windows

Get Free Windows Powershell

PowerShell is a task-based command-line shell and scripting language designed specifically for system administration. Built on the .NET Framework,

Get Free Windows Powershell

Desired State Configuration

Windows

PowerShell helps

IT professionals

and power users

control and

automate the

administration of

the Windows

operating system

and applications

that run on

Windows.

Get Free Windows Powershell

Desired State
Configuration
Revealed

PowerShell is great for batch importing or deleting large sets of user accounts and will let you collect a massive amount of detailed system information in bulk via WMI

Get Free Windows Powershell

Desired State
Configuration
Revealed

(Windows
Management
Instrumentation).

Getting Started
with PowerShell
is designed to
help you get up
and running with
PowerShell,
taking you from
the basics of
installation, to

Get Free Windows Powershell

Desired State
Configuration
Revealed

writing scripts
and web server
automation. This
book, as an
introduction to
the central topics
of PowerShell,
covers finding
and
understanding
PowerShell
commands and

Get Free Windows Powershell

Desired State
Configuration
Revealed

packaging code
for reusability,
right through to a
practical example
of automating IIS.
It also includes
topics such as
installation and
setup, creating
scripts,
automating tasks,
and using

Get Free Windows Powershell

Desired State
Configuration
Revealed

Powershell to
access data

stores, registry,
and file systems.

You will explore
the PowerShell
environment and
discover how to
use cmdlets,
functions, and
scripts to
automate

Get Free Windows Powershell

Desired State Configuration Revealed

Windows systems. Along the way, you will learn to perform data manipulation and solve common problems using basic file input/output functions. By the end of this book,

Get Free Windows Powershell

Desired State
Configuration
Revealed

you will be familiar with PowerShell and be able to utilize the lessons learned from the book to automate your servers.

Style and approach A practical learning guide, complete

Get Free Windows Powershell

Desired State
Configuration
Revealed
with plenty of
activities,
examples and
screenshots.

Get a head start
evaluating
Windows Server
2016—guided by
the experts.

Based on
Technical

Preview 4, John

Get Free Windows Powershell

Desired State Configuration Revealed

McCabe and the Windows Server team introduce the new features and capabilities, with practical insights on how Windows Server 2016 can meet the needs of your business. Get the early, high-level

Get Free Windows PowerShell

Desired State
Configuration
Revealed

overview you
need to begin
preparing your
deployment now!

Use Windows
PowerShell
Desired State
Configuration
(DSC) to
configure your
infrastructure on-
premises and in

Get Free Windows Powershell

Desired State Configuration Revealed

the cloud. In an environment where changes and deployments are happening all the time, DSC makes the necessary adjustments to the system so you don't have to. Pro

Get Free Windows PowerShell

Desired State Configuration Revealed

PowerShell
Desired State
Configuration
shows you how.

PowerShell
Desired State
Configuration
(DSC) is a
powerful
configuration
management
platform that

Get Free Windows Powershell

Desired State
Configuration
Revealed

makes it easier
than ever to
perform
configuration
management of
your
infrastructure,
whether on-
premises or in
the cloud. With
Pro PowerShell
Desired State

Get Free Windows Powershell

Desired State
Configuration,
Ravikanth

Chaganti revises
and significantly
expands his
previous edition,
bringing you a
complete in-
depth reference
for applying this
evolving
technology in

Get Free Windows Powershell

Desired State
Configuration
Revealed

your day-to-day work. What's new in this edition? Get up-to-date, in-depth guidance on DSC in the data center. Understand the central role that DSC plays in DevOps today. Integrate DSC

Get Free Windows Powershell

Desired State
Configuration
Revealed
into build and
release
management

tools Learn to
think and act like
a developer when
automating your
configuration
management,
creating a
testable, robust
process that you

Get Free Windows Powershell

Desired State
Configuration
Revealed

can use again
and again Find
out why and how
DSC has an
important role to
play in public and
private cloud
deployments
Apply DSC in the
cloud with
Microsoft Azure
or Amazon Web

Get Free Windows Powershell

Desired State
Configuration
Revealed

Services or
Google Cloud
Platform Who
This Book Is For
IT administrators,
developers and
DevOps
engineers
working in
Windows-based
data center
environments.

Get Free Windows Powershell

Desired State Configuration Revealed

With a little prior
PowerShell
scripting
experience, this
book can be used
as an in-depth
reference to
creating,
customizing, and
extending DSC in
Windows. IT
administrators

Get Free Windows Powershell

Desired State
Configuration
Revealed

with limited
scripting
experience will
also find this
book a useful
overview of what
DSC offers and
how to use DSC
resources to
automate
configuration
management and

Get Free Windows PowerShell

Desired State
Configuration
Revealed

deployment.

Summary

PowerShell in
Depth, Second
Edition is the go-
to reference for
administrators
working with
Windows
PowerShell.
Every major
technique,

Get Free Windows Powershell

Desired State
Configuration
Revealed

technology, and
tactic is carefully
explained and
demonstrated,
providing a
hands-on guide
to almost
everything an
admin would do
in the shell.

Written by three
experienced

Get Free Windows PowerShell

Desired State
Configuration
Revealed

authors and
PowerShell

MVPs, this is the
PowerShell book
you'll keep next
to your
monitor—not on
your bookshelf!
Purchase of the
print book
includes a free
eBook in PDF,

Get Free Windows Powershell

Kindle, and ePub
formats from
Manning
Publications.

About the Book A
Windows admin
using PowerShell
every day may
not have the time
to search the net
every time he or
she hits a snag.

Get Free Windows Powershell

Desired State
Configuration
Revealed

Wouldn't it be great to have a team of seasoned PowerShell experts ready to answer even the toughest questions?

That's what you get with this book. PowerShell in Depth, Second

Get Free Windows PowerShell

Desired State
Configuration
Revealed

Edition is the go-to reference for administrators working with Windows PowerShell.

Every major technique, technology, and tactic is carefully explained and demonstrated,

Get Free Windows Powershell

Desired State
Configuration
Revealed

providing a
hands-on guide
to almost
everything an
admin would do
in the shell.

Written by
PowerShell MVPs
Don Jones,
Jeffrey Hicks,
and Richard
Siddaway, each

Get Free Windows Powershell

Desired State Configuration Revealed

valuable
technique was
developed and
thoroughly
tested, so you'll
be able to
consistently write
production-
quality,
maintainable
scripts while
saving hours of

Get Free Windows Powershell

Desired State Configuration Revealed

time and effort.

This book

assumes you

know the basics

of PowerShell.

What's Inside

Automating tasks

Packaging and

deploying scripts

Introduction to

Desired State

Configuration

Get Free Windows PowerShell

Desired State Configuration PowerShell security Covers PowerShell

version 3 and
later About the
Authors Don
Jones, Jeffery
Hicks, and
Richard
Siddaway are
Microsoft MVPs,
trainers, and

Get Free Windows Powershell

Desired State
Configuration
Revealed

administrators.

Collectively,
they've authored
nearly three
dozen books on
PowerShell and
Windows
administration.

Table of Contents

PART 1

POWERSHELL

FUNDAMENTALS

Get Free Windows PowerShell

Desired State Configuration

Introduction

PowerShell hosts

Using the

PowerShell help

system The

basics of

PowerShell

syntax Working

with PSSnapins

and modules

Operators

Working with

Get Free Windows Powershell

Desired State
Configuration
Revealed
objects The
PowerShell
pipeline

Formatting PART

2 POWERSHELL

MANAGEMENT

PowerShell

Remoting

Background jobs

and scheduling

Working with

credentials

Get Free Windows Powershell

Desired State
Configuration
Revealed

Regular
expressions
Working with
HTML and XML
data PSDrives
and PSProviders
Variables, arrays,
hash tables, and
script blocks
PowerShell
security
Advanced

Get Free Windows Powershell

Desired State
Configuration
Revealed

PowerShell

syntax PART 3

POWERSHELL

SCRIPTING AND

AUTOMATION

PowerShell's

scripting

language Basic

scripts and

functions

Creating objects

for output Scope

Get Free Windows Powershell

Desired State Configuration Revealed

PowerShell
workflows

Advanced syntax
for scripts and
functions Script
modules and
manifest modules
Custom

formatting views

Custom type

extensions Data

language and inte

Get Free Windows Powershell

Desired State
Configuration
Revealed
Internationalization
Writing help Error
handling
techniques
Debugging tools
and techniques
Functions that
work like cmdlets
Tips and tricks
for creating
reports PART 4
ADVANCED

Get Free Windows Powershell

Desired State
Configuration
Revealed
POWERSHELL

Working with the
Component
Object Model

(COM) Working
with .NET
Framework

objects
Accessing
databases Proxy
functions

Building a GUI

Get Free Windows Powershell

Desired State
WMI and CIM

Configuration
Revealed
Working with the
web Desired
State

Configuration

Prepare for

Microsoft Exam

70-532--and help
demonstrate your
real-world

mastery of

Microsoft Azure

Get Free Windows Powershell

Desired State
solution
Configuration
development.
Revealed

Designed for
experienced
developers ready
to advance their
status, Exam Ref
focuses on the
critical-thinking
and decision-
making acumen
needed for

Get Free Windows Powershell

Desired State
Configuration
Revealed

success at the
Microsoft
Specialist level.

Focus on the
expertise
measured by
these objectives:
Design and
implement
Websites Create
and manage
Virtual Machines

Get Free Windows Powershell

Desired State Configuration Revealed

Design and
implement Cloud
Services Design
and implement a
storage strategy
Manage
application and
network services
This Microsoft
Exam Ref:
Organizes its
coverage by

Get Free Windows Powershell

Desired State
Configuration
exam objectives
Features

Revealed
strategic, what-if
scenarios to

challenge you

Will be valuable

for Microsoft

Azure

developers,

solution

architects,

DevOps

Get Free Windows Powershell

Desired State
Configuration
Revealed
engineers, and
QA engineers
Assumes you

have experience
designing,
programming,
implementing,
automating, and
monitoring

Microsoft Azure
solutions and
that you are

Get Free Windows Powershell

Desired State
Configuration
Revealed

proficient with
tools, techniques,
and approaches
for building
scalable, resilient
solutions

Developing
Microsoft Azure
Solutions About
the Exam Exam
70-532 focuses
on the skills and

Get Free Windows Powershell

Desired State
Configuration
Revealed
knowledge
needed to
develop

Microsoft Azure solutions that include websites, virtual machines, cloud services, storage, application services, and network services.

Get Free Windows Powershell

Desired State Configuration Revealed

About Microsoft
Certification
Passing this
exam earns you a
Microsoft
Specialist
certification in
Microsoft Azure,
demonstrating
your expertise
with the
Microsoft Azure

Get Free Windows Powershell

Desired State
Configuration
Revealed
enterprise-grade
cloud platform.

You can earn this
certification by
passing Exam
70-532,
Developing
Microsoft Azure
Solutions; or
Exam 70-533,
Implementing
Microsoft Azure

Get Free Windows
Powershell

Desired State
Infrastructure
Solutions; or
Exam 70-534,

Architecting
Microsoft Azure
Solutions. See
full details at: microsoft.com/learning

Exam Ref 70-532
Developing
Microsoft Azure

Get Free Windows
Powershell

Desired State
Solutions

Troubleshooting

Windows Server
with PowerShell

Exam Ref 70-417

Upgrading from

Windows Server

2008 to Windows

Server 2012 R2

(MCSA)

Exam Ref 70-533

Implementing

Get Free Windows
Powershell

Desired State
Configuration
Revealed
Microsoft Azure
Infrastructure
Solutions

Exam Ref 70-744
Securing
Windows Server
2016

*Enhance your
knowledge of
Windows
PowerShell and
get to grips with its*

Get Free Windows
Powershell

Desired State
Configuration
Revealed
*latest features
Installing and
Configuring*

*Windows Server
2012 R2*

Exam Ref AZ-103

*Microsoft Azure
Administrator*

*Windows Server
2019 Cookbook*

Introducing

Windows Server

Get Free Windows
Powershell

Desired State
Configuration
Revealed
*2016 Technical
Preview
Pro PowerShell*

*Desired State
Configuration*