



Data Center Handbook

By Hwaiyu Geng

Download now

Read Online →

Data Center Handbook By Hwaiyu Geng

Provides the fundamentals, technologies, and best practices in designing, constructing and managing mission critical, energy efficient data centers

Organizations in need of high-speed connectivity and nonstop systems operations depend upon data centers for a range of deployment solutions. A data center is a facility used to house computer systems and associated components, such as telecommunications and storage systems. It generally includes multiple power sources, redundant data communications connections, environmental controls (e.g., air conditioning, fire suppression) and security devices.

With contributions from an international list of experts, The Data Center Handbook instructs readers to:

- Prepare strategic plan that includes location plan, site selection, roadmap and capacity planning
- Design and build "green" data centers, with mission critical and energy-efficient infrastructure
- Apply best practices to reduce energy consumption and carbon emissions
- Apply IT technologies such as cloud and virtualization
- Manage data centers in order to sustain operations with minimum costs
- Prepare and practice disaster recovery and business continuity plan

The book imparts essential knowledge needed to implement data center design and construction, apply IT technologies, and continually improve data center operations.

 [Download Data Center Handbook ...pdf](#)

 [Read Online Data Center Handbook ...pdf](#)

Data Center Handbook

By Hwaiyu Geng

Data Center Handbook By Hwaiyu Geng

Provides the fundamentals, technologies, and best practices in designing, constructing and managing mission critical, energy efficient data centers

Organizations in need of high-speed connectivity and nonstop systems operations depend upon data centers for a range of deployment solutions. A data center is a facility used to house computer systems and associated components, such as telecommunications and storage systems. It generally includes multiple power sources, redundant data communications connections, environmental controls (e.g., air conditioning, fire suppression) and security devices.

With contributions from an international list of experts, The Data Center Handbook instructs readers to:

- Prepare strategic plan that includes location plan, site selection, roadmap and capacity planning
- Design and build "green" data centers, with mission critical and energy-efficient infrastructure
- Apply best practices to reduce energy consumption and carbon emissions
- Apply IT technologies such as cloud and virtualization
- Manage data centers in order to sustain operations with minimum costs
- Prepare and practice disaster recovery and business continuity plan

The book imparts essential knowledge needed to implement data center design and construction, apply IT technologies, and continually improve data center operations.

Data Center Handbook By Hwaiyu Geng Bibliography

- Sales Rank: #438701 in Books
- Published on: 2014-12-22
- Original language: English
- Number of items: 1
- Dimensions: 11.00" h x 1.60" w x 8.80" l, .0 pounds
- Binding: Hardcover
- 720 pages

 [Download Data Center Handbook ...pdf](#)

 [Read Online Data Center Handbook ...pdf](#)

Editorial Review

From the Back Cover

Provides the fundamentals, technologies, and best practices in designing, constructing and managing mission critical, energy efficient data centers

Organizations in need of high-speed connectivity and nonstop systems operations depend upon data centers for a range of deployment solutions. A data center is a facility used to house computer systems and associated components, such as telecommunications and storage systems. It generally includes multiple power sources, redundant data communications connections, environmental controls (e.g., air conditioning, fire suppression) and security devices.

With contributions from an international list of experts, The Data Center Handbook instructs readers to:

- Prepare strategic plan that includes location plan, site selection, roadmap and capacity planning
- Design and build “green” data centers, with mission critical and energy-efficient infrastructure
- Apply best practices to reduce energy consumption and carbon emissions
- Apply IT technologies such as cloud and virtualization
- Manage data centers in order to sustain operations with minimum costs
- Prepare and practice disaster recovery and business continuity plan

The book imparts essential knowledge needed to implement data center design and construction, apply IT technologies, and continually improve data center operations.

About the Author

Hwaiyu Geng, P.E., is a consultant with Amica Association, promoting green planning, design, and construction projects. He has had over 40 years of manufacturing and management experience, working with Westinghouse, Applied Materials, HP, and Intel on multi-million high-tech projects. He has written and presented numerous technical papers at DatacenterDynamics, ASME and IIE conferences, and is also the editor/author of Manufacturing Engineering Handbook (McGraw Hill, 2004), Semiconductor Manufacturing Handbook (McGraw Hill, 2005), and Data Center Handbook (Wiley, 2014). He is a patent holder.

Users Review

From reader reviews:

Lindsey Gant:

Is it you actually who having spare time then spend it whole day by means of watching television programs or just laying on the bed? Do you need something totally new? This Data Center Handbook can be the answer, oh how comes? A book you know. You are thus out of date, spending your extra time by reading in this brand-new era is common not a geek activity. So what these textbooks have than the others?

David Musick:

As we know that book is very important thing to add our knowledge for everything. By a publication we can know everything we would like. A book is a range of written, printed, illustrated or blank sheet. Every year ended up being exactly added. This guide Data Center Handbook was filled with regards to science. Spend your time to add your knowledge about your science competence. Some people has different feel when they reading any book. If you know how big benefit of a book, you can truly feel enjoy to read a guide. In the modern era like today, many ways to get book that you just wanted.

Juan Moses:

Publication is one of source of understanding. We can add our knowledge from it. Not only for students and also native or citizen will need book to know the update information of year to help year. As we know those textbooks have many advantages. Beside we all add our knowledge, can bring us to around the world. Through the book Data Center Handbook we can get more advantage. Don't you to be creative people? For being creative person must love to read a book. Simply choose the best book that ideal with your aim. Don't possibly be doubt to change your life by this book Data Center Handbook. You can more inviting than now.

Tommy Cowen:

Reading a guide make you to get more knowledge from that. You can take knowledge and information coming from a book. Book is prepared or printed or outlined from each source that will filled update of news. On this modern era like currently, many ways to get information are available for anyone. From media social such as newspaper, magazines, science publication, encyclopedia, reference book, new and comic. You can add your understanding by that book. Are you ready to spend your spare time to open your book? Or just trying to find the Data Center Handbook when you desired it?

**Download and Read Online Data Center Handbook By Hwaiyu
Geng #BDVW419RQ2E**

Read Data Center Handbook By Hwaiyu Geng for online ebook

Data Center Handbook By Hwaiyu Geng Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Data Center Handbook By Hwaiyu Geng books to read online.

Online Data Center Handbook By Hwaiyu Geng ebook PDF download

Data Center Handbook By Hwaiyu Geng Doc

Data Center Handbook By Hwaiyu Geng Mobipocket

Data Center Handbook By Hwaiyu Geng EPub

BDVW419RQ2E: Data Center Handbook By Hwaiyu Geng