



# Epa energy star data center storage

Is the Energy Star specification for data center storage under revision?

The ENERGY STAR specification for Data Center Storage is currently under revision. Materials related to this revision process are provided below. Stakeholders who received past communications related to development of Version 2 will continue to receive updates on this development effort.

What does Energy Star cover in a data center?

The program covers data center equipment, such as servers, uninterruptible power supplies (UPSes), storage hardware, switches and routers. Energy Star also provides data centers with an overall energy efficiency score that compares them to similar facilities around the U.S.

What is the Energy Star score for data centers?

The ENERGY STAR score for data centers applies to spaces specifically designed and equipped to meet the needs of high density computing equipment such as server racks, used for data storage and processing. The score applies to individual buildings only and is not available for campuses. Reference Data.

How many EPA data centers are Energy Star certified?

More than 190 data centers representing nearly 30 million square feet of floor space have earned EPA's ENERGY STAR certification. The ENERGY STAR score for data centers was first launched in 2010 and is based on 2008 survey data.

Which data center equipment is Energy Star certified?

Data center equipment that earns the ENERGY STAR label is independently certified to meet strict efficiency specifications set by the EPA. For example, labeled computer servers are on average 30% more efficient than non-certified products.

Are data centers Energy Star rated?

The US Environmental Protection Agency (EPA) is planning to update its Energy Star score for data centers, and is commissioning a new survey of data center water and energy use. The EPA's efficiency rating for data centers was first announced in 2010, and developed with The Green Grid, a data center industry group.

Earlier this year, EPA released an updated ENERGY STAR specification for data center storage products, adding active-mode requirements and requiring more efficient power ...

V2 Data Center Storage Block I/O ... ENERGY\_STAR\_Model\_Identifier is a unique string of characters generated by certification bodies in accordance with EPA's ENERGY\_STAR\_Model\_Identifier standard. ENERGY\_STAR\_Model\_Identifier serves to distinguish models with non-identical performance characteristics. A unique ...



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ENERGY STAR Data Center Storage Discussion Guide July 2019 Overview The U.S. Environmental Protection Agency (EPA) is sharing this ENERGY STAR Data Center Storage Program Discussion Guide to invite early stakeholder input on aspects under consideration for the revision of this specification.

o EPA intends to update the ENERGY STAR Data Center Storage Test Method to reference the latest version of the SNIA Emerald V4 measurement specification ... EPA ENERGY STAR Keywords: data,center,storage,version,2.0,webinar,slides Created Date: 3/18/2020 9:11:21 AM ...

WASHINGTON - Today, the U.S. Environmental Protection Agency (EPA) announced the release of a new best practices guide to help customers of shared data centers, also known as co-locations, save energy and reduce their carbon footprint. Developed with input from global data centers, Equinix and Iron Mountain, EPA created this guidance to address ...

Data Center Storage Version 2.0 Draft 1 Specification Webinar Slides Author: EPA ENERGY STAR Subject: Data Center Storage Version 2.0 Draft 1 Specification Webinar Slides Keywords: epa,energy,star,data,center,storage,version,2,draft,1,webinar Created Date: 11/13/2019 1:45:49 PM

ENERGY STAR Certified Data Center Storage; HPE - HPE GreenLake for Block Storage built on HPE Alletra Storage MP : R7C70-63022, R7C70-63026; Access to Data Center Storage (Block I/O) API, Data Set or Excel File. Data Center Storage (File I/O) API, Data Set or ...

STAR certification from a Certification Body recognized by EPA for Data Center Storage. As part of this certification process, products must be tested in a laboratory recognized by EPA to perform Data ... Provide clear and consistent labeling of ENERGY STAR certified Data Center Storage.

ENERGY STAR<sup>®</sup>; Program Requirements Product Specification for Data Center Storage Draft Test Method Rev. April 2020 ENERGY STAR Program Requirements for Data Center Storage - Final Test Method (Rev. April 2020) Page 1 of 5 1 Note: EPA has been coordinating with the Storage Networking Industry Association (SNIA) as it develops

ENERGY STAR Certified Data Center Storage; Hitachi Vantara - VSP E790 : VSP E790, VSP E790H; Access to Data Center Storage (Block I/O) API, Data Set or Excel File. Data Center Storage (File I/O) API, Data Set or ...

As the government focuses on federal efforts to improve sustainability across the board, the EPA Energy Star program sees potential for data centers across the U.S. to reduce ...

In addition to the consumer product finders for ENERGY STAR certified models, EPA maintains 50+ related product data sets that are updated daily. The interface for these data sets allow users to generate a variety of reports, to create accounts for saving and sharing their work and to export data in a variety of different formats.



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ENERGY STAR Certified Data Center Storage; HPE Primera - HPE Primera C670 4N : N9Z67A/N9Z71A; Access to Data Center Storage (Block I/O) API, Data Set or Excel File. Data Center Storage (File I/O) API, Data Set or ...

contact information on file with the ENERGY STAR Program Management Team. Alternatively, email can be sent to emerald@snia. These are the questions raised in the ENERGY STAR Data Center Storage V2.0 Discussion Guide July 2019 and the ENERGY STAR Version 2.0 Data Center Storage Discussion Guide Webinar July 24, 2019.

EPA hosted a webinar to discuss EPA's interest in additional energy performance data for storage products that are currently being considered for inclusion in the Version 1.0 ENERGY STAR Data Center Storage specification and to respond to stakeholder questions.

The U.S. Environmental Protection Agency is expanding efforts to drive energy efficiency improvements among U.S. data centers, launching an updated specification for ENERGY STAR certification of data storage products, unveiling a brand-new website experience designed to serve as the go-to place for data center energy efficiency resources, and ...

This is the 21st year in which EPA has collected unit shipment data for the ENERGY STAR Program from program partners and/or their representative associations and used it to project the market penetration of ENERGY STAR certified products. Data: For 2022, data was collected for the following ENERGY STAR certified products: o Audio/VideoProducts

Prioritizing energy efficiency in data centers and server rooms has the potential to bring significant energy and financial savings to buildings and commercial spaces. Additionally, modernizing data center equipment or building systems can aid in preventing breakdowns, tech failures, cyber threats, and data loss prevention.

ENERGY STAR Certified Data Center Storage; Dell EMC Unity XT480 - Dell EMC Unity XT480 : Unity XT480; Access to Data Center Storage (Block I/O) API, Data Set or Excel File. Data Center Storage (File I/O) API, Data Set or ...

Data Center Storage 100% 11 Decorative Light Strings 51% 41 Dehumidifiers 81% 83 Displays 79% 107 Electrical Vehicle Supply Equipment 89% 105 Enterprise Servers 100% 20 Furnaces 96% 23 Geothermal Heat Pumps 92% 26 ... &quot;2023,unit,shipment,data,summary,report,epa,energy,star&quot; Created Date:

This list of ENERGY STAR certified data centers reflects building information that was verified and submitted to EPA at the time of application. ... only the state in which the data center is located is displayed. ENERGY STAR Certified Data Centers (272) Facility Name State Owner Property Manager Label Years Total Floor Space Year Constructed ...



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August 2018 ENERGY STAR Score for Data Centers in the United States Page 1 Technical Reference . ... of high density computing equipment such as server racks, used for data storage and processing. The objective of ... EPA ENERGY STAR Score for Data Centers in ...

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