



# Conquer Today's Data Explosion with SUSE and IBM

Storage demands are getting out of hand. IDC estimates the world will create 180 zettabytes (or 180 trillion gigabytes) of data in 2025, up from less than 10 zettabytes in 2015. Is your enterprise ready for its share of all that data? You can be, with an affordable and scalable software-defined storage solution from SUSE®.

## SUSE Enterprise Storage and IBM Technology Support Services at a Glance:

- + Unified block, file and object storage
- + Infinitely scalable
- + Proactive, reactive, onsite and remote support options
- + A single point of contact for OEM-quality IT support across your data center

### Products:

SUSE Enterprise Storage  
IBM Technology Support Services

**SUSE Enterprise Storage is the most affordable way to grow your storage because you pay by node, not for every gigabyte you store.**

## Storage that Won't Break the Bank—or Your Back

Data volume is exploding, and if you don't tackle it now, your systems will soon be completely overwhelmed. The size of the digital universe is expected to double every two years.\* You can't afford to increase your staff with every new petabyte of storage, and volume isn't the only issue. You need to offer real-time access to all this data, no matter what kind it is.

Your solution must be scalable enough to keep up with growth, flexible, affordable and reduce the burden on your IT team. Only a supported software-defined storage solution can do all that.

SUSE Enterprise Storage™ running on industry-standard x86 hardware gives you the most affordable and scalable solution for unlimited data storage, while IBM Technology Support Services provides best-in-class enterprise support for your storage environment and for the rest of your data center, all from a single source.

\* "The Exponential Growth of Data," Inside Big Data, Feb. 16, 2017. <https://insidebigdata.com/2017/02/16/the-exponential-growth-of-data/>

## Partnering to Make Enterprise Storage Easier

SUSE and IBM have been collaborating on the world's most mission-critical systems for over two decades. Through deep partnership, we've brought to market industry-leading solutions that maximize performance, availability and choice for our customers. That spirit of collaboration continues in the work of SUSE and IBM Technology Support Services.

IBM Support for SUSE Linux Enterprise Storage helps organizations implement and maintain software defined storage (SDS) solutions more easily and cost-effectively. The services supply experienced, one-stop, around-the-clock remote software support. Using technical skills grounded in long experience with Linux and other open-source technologies, IBM Technology Support Services can streamline support and improve systems availability. Not only can this give your staff faster, more accurate answers to their SDS questions, but it can also optimize staff productivity and increase your SDS ROI.

## With IBM Technology Support Services, the same team can support your SUSE software-defined storage and the rest of your data center.

[www.suse.com](http://www.suse.com)

### Use Cases to Fit Your Storage Challenge

SUSE Enterprise Storage with support can meet your storage challenges whether you need disk-based backup, storage for high-performance computing or a compliance archiving solution. Use it for storage of large files in video surveillance and content distribution scenarios or as shared storage for OpenStack. The solution allows you to use the backup, archive, compliance or data management software you prefer.

### The Solution

SUSE Enterprise Storage, which is based on the open source software-defined storage solution Ceph, enables a unified block, object and file storage environment and eliminates the need for storage tiering. It is the most affordable way to grow your storage because you pay by node, not for every gigabyte you store.

The solution features a flexible, cluster-based design for graceful and inexpensive upgrades and near-linear scaling. Simply add or upgrade hardware, and SUSE Enterprise Storage will automatically integrate it and redistribute workloads as necessary.

When you purchase SES through IBM, IBM Technology Support Services is the perfect organization to maintain that environment. They can patch it, add nodes, create

new storage pools, monitor your security and more. Plus, as a multidisciplinary organization with wide subject matter expertise, they can provide support for almost any piece of hardware or software in your data center. This means you can simplify IT support management and your cost structure by streamlining multiple contracts into one.

IBM Technology Support Services will tailor your support services based on your needs. There's no standard package to limit you. You can choose from proactive, reactive, onsite or remote options to help extend the life of your equipment, optimize system availability and reduce your costs. IBM Technology Support Services have been offering clients SUSE solutions for over a decade with the highest level of client satisfaction.

### Plan for Tomorrow's Data

Data isn't going to stop growing in volume or value. Get a handle on your data storage with a partnership that provides enterprise-quality software-defined storage and experienced IT support.

### Interested in This Solution?

Please contact your IBM representative or IBM Business Partner, or visit the following website: <http://ibm.biz/OPsource>