The evolution of flash storage solutions in recent years has changed their role in the data center. These solutions, also known as solid-state storage drives (SSDs), have quadrupled in capacity while dropping steadily in price. Along the way, they've become a necessity in the data center.

**Superspeed**
SSDs conduct input-output operations per second (IOPS) much more quickly than hard disk-based storage, providing significantly faster performance for tasks such as booting up or writing data to memory.

**Heroic Dependability**
Because they are based on electronic media, flash drives are far more reliable than mechanical hard disk drives.

**Sensational Efficiency**
SSDs are smaller than hard drives and use less power, enabling them to deliver greater value at a lower cost.

**The People’s Champion**
At one time, flash was much more expensive than other storage. But lower prices have made it a more common choice for added workloads.

**Trusted Sidekick**
As flash storage adoption increases, a third-party provider such as CDW can help organizations deploy these solutions to optimize data center operations.

Sources:
1. IDC, “Justifying Investment in All-Flash Arrays,” August 2016
3. The Register, “The all-flash market will grotesquely distend in five years, says Gartner,” June 2015

To learn more about how CDW’s solutions and services can help your organization do more with less in the data center, visit CDW.com/datacenter