



# Storage Spaces Direct

Wanting storage that costs less, performs faster, and is easier to manage than your traditional SAN?



For many customers, SANs are a black art. Often costing six figures, they require highly specialised knowledge, making configuration and maintenance complicated and time consuming. Not any more.

**The Storage Spaces Direct solution delivers unrivalled levels of performance at a fraction of the cost of traditional SANs. And because it comes with Windows Server 2016 or later, it's easier to understand and manage than most SAN offerings on the market.**



## What you get

- Enterprise grade, fault-tolerant, software-defined storage using industry standard hardware that can scale up to 1 Petabyte (PB) per cluster.
- Knowledge transfer from experienced Vigilant.IT staff.

## Cost Savings

- **Huge savings** – [Youth Villages](#) reduced SAN costs by a factor of 2, [Create Advertising](#) by a factor of 4.
- **Standard hardware** – Storage Spaces Direct uses industry standard servers and drives over Ethernet, which dramatically reduces costs.
- **De-duplication and compression** – save up to 95% of storage space depending on workload (Windows Server 2019 only).

## Performance

- **Unrivalled performance** – base configs easily exceed 150,000 IOPS per server.
- **Real world gains** – [Youth Villages](#) increased SAN speed by a factor of 30, [Create Advertising](#) by a factor of 3.
- **Latest innovations** – leverages new hardware like RDMA networking and NVMe drives.

## Management

- **Simple setup** – enable Storage Spaces Direct in just 15 minutes.
- **Self-healing** – when hardware fails, just swap it out; the software heals itself.
- **Familiar** – integrated with Windows Server 2016 (or 2019) Datacenter reduces staff training.
- **Windows Admin Center** – uses the new browser based management tool for easier admin.

## Why Vigilant.IT?

- Over a decade of storage design and build experience with Microsoft.
- Multiple Microsoft Gold competencies and product testing experience with Storage Spaces Direct.
- Qualified Azure Architects and Microsoft MVPs (Most Valued Professionals).

