

ComputerVault Hyper-converged Infrastructure (HCI)
Certifies Lenovo ThinkSystem SR570 Server



ComputerVault White Paper
October 2020

Certification / Lenovo / ThinkSystem SR570

Lenovo

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Lenovo Server Certification

ComputerVault HCI software, Release 2.0, is used to deploy virtual desktops and an Internet of Things Platform-as-a-Service. ComputerVault HCI is optimized to run on Commercially Available Off-the-Shelf (“COTS”) hardware, and certifies each server OEM and its configuration to ensure performance and reliability.

ComputerVault certifies the **1-U Lenovo ThinkSystem SR570 Server** after 30 days of extensive testing in the following areas:

ComputerVault HCI

- Virtual Desktops
- IoT PaaS
- COTS Hardware
- CPU
- I/O
- Network
- Storage
- IOPS (Latency, Sequential and Random Reads)
- Uptime

The Lenovo ThinkSystem SR570 exceeded all performance and uptime benchmarks required for ComputerVault HCI software to perform as designed, i.e., faster than a local PC both in the LAN and WAN.

The combination of the 1-U Lenovo ThinkSystem SR570 and ComputerVault HCI for deploying virtual desktops delivers a Total Cost of Ownership that is *less* than the cost of buying and supporting physical PC’s.

ComputerVault HCI and 1-U Lenovo ThinkSystem SR570 delivers virtual desktops that are:

- Faster than a local PC both in the LAN and WAN
- Costs less than buying and supporting PC’s

Simplify Solutions Infrastructure

With Lenovo and ComputerVault, virtual desktops do not demand significant time and resources to deploy and maintain. IT is free to focus on delivering applications, drive innovation, enhance efficiency and agility for their business.

From its NOC, ComputerVault provides all the software administration for the technology stack remotely, as part of the software license. Customers do not need to maintain ComputerVault software administrators on staff, as they do with competing virtualization products. Also included in the software license is deployment, patching and upgrades by ComputerVault certified engineers.

Deployed in a matter of hours, ComputerVault eliminates expensive projects to get up and running. There is also never any additional cost for patching and upgrades.

The automation of ComputerVault software and the reliability of Lenovo servers, with compute, storage and virtualization co-located on a single node, provides uptime, flexibility and scalability.

Some of the other key benefits of the solution include:

Reduced Technology TCO: Deploy the appropriate amount of server, storage and networking resources to meet current requirements and eliminate risk and over-provisioning.

High Performance and Reliability: No boot storms and faster than a PC.

Solves BYOD: Any Linux or Windows-based device may be used as a client.

Solves Work from Home: Your work desktop with faster than PC performance in the WAN.

Ease of Scaling: Start with a small pilot project and grow to thousands of users without disruption or performance degradation.

Fast Turnkey Deployment: A turnkey solution that deploys in a few hours. Neither IT nor the end user require any training – just log in and use.

Immediate ROI: Costs less than buying and supporting PC's. Start saving money on day one.

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January 2020



Published by ComputerVault, Inc.

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