Introduction-Sangfor HCI with Thales Cybersecurity Solutions

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Hyper-converged infrastructure (HCI) collaborations with Thales can bring several advantages for organizations looking to modernize their IT infrastructure.

Thales and HCI develop solutions that are more secure and resilient to cyber threats

Hyper-converged infrastructure (HCI) has become an increasingly popular choice for organizations looking to modernize their IT infrastructure. HCI solutions offer simplified management, greater flexibility, and improved scalability compared to traditional infrastructure.

However, HCI environments can also present new security challenges. With multiple components integrated into a single platform, there are more potential attack vectors for cybercriminals to exploit. That's where Thales comes in.

Thales is a leading provider of cybersecurity solutions, with expertise in data encryption, key management, and compliance. By collaborating with Thales, HCI vendors can develop solutions that are more secure, resilient, and compliant.

Data and Network security trend on infrastructure

Sangfor provides IT infrastructure solutions, including security, cloud computing, and network optimization. We are designed to help organizations improve their IT infrastructure's performance, security, and efficiency while reducing costs.

Stronger Security: Thales' cybersecurity solutions can help to enhance the security of HCI environments. With data encryption and key management, organizations can ensure that their data is protected even if the underlying infrastructure is compromised. Thales' solutions can also provide threat detection and response, helping to mitigate cyber-attacks before they cause damage.

Improved Compliance: Many organizations in highly regulated industries must meet strict compliance requirements for data protection and privacy. Thales has expertise in compliance and regulatory requirements, which can help HCI vendors to develop solutions that meet these requirements.

Simplified Management: HCI solutions are designed to simplify management and reduce complexity. By working with Thales, HCI vendors can integrate cybersecurity solutions directly into the platform, reducing the need for separate security tools and streamlining management.

Greater Flexibility: With Thales' solutions, organizations can choose the level of security that best fits their needs. Thales offers a range of security solutions, from basic encryption to advanced

threat detection and response, giving organizations greater flexibility in designing their HCI environments.

# Comprehensive software-defined data center (SDDC)

Sangfor Hyper-Converged Infrastructure (HCI) is a comprehensive software-defined data center (SDDC) solution that combines storage, compute, and networking into a single platform.

Sangfor HCI offers a modular architecture that allows organizations to scale up or down as needed, making it a flexible and cost-effective solution. It simplifies IT infrastructure by converging storage and compute resources into a single platform, reducing complexity and improving efficiency.

And it enhances the system reliability with supporting VM backup and recovery, system high availability design features, including disaster recovery capabilities that allow organizations to quickly recover from system failures or disasters, minimizing downtime and data loss.

Sangfor HCI includes built-in security features, such as distribution firewalls, advanced threat detection, and patch management, ensuring that critical data and systems are protected against unauthorized access and cyber threats.

It is a comprehensive and integrated virtualization platform for building and managing virtualized infrastructure, offering simplified infrastructure management, cost savings, improved performance, increased agility, and enhanced security for organizations building an SDDC.
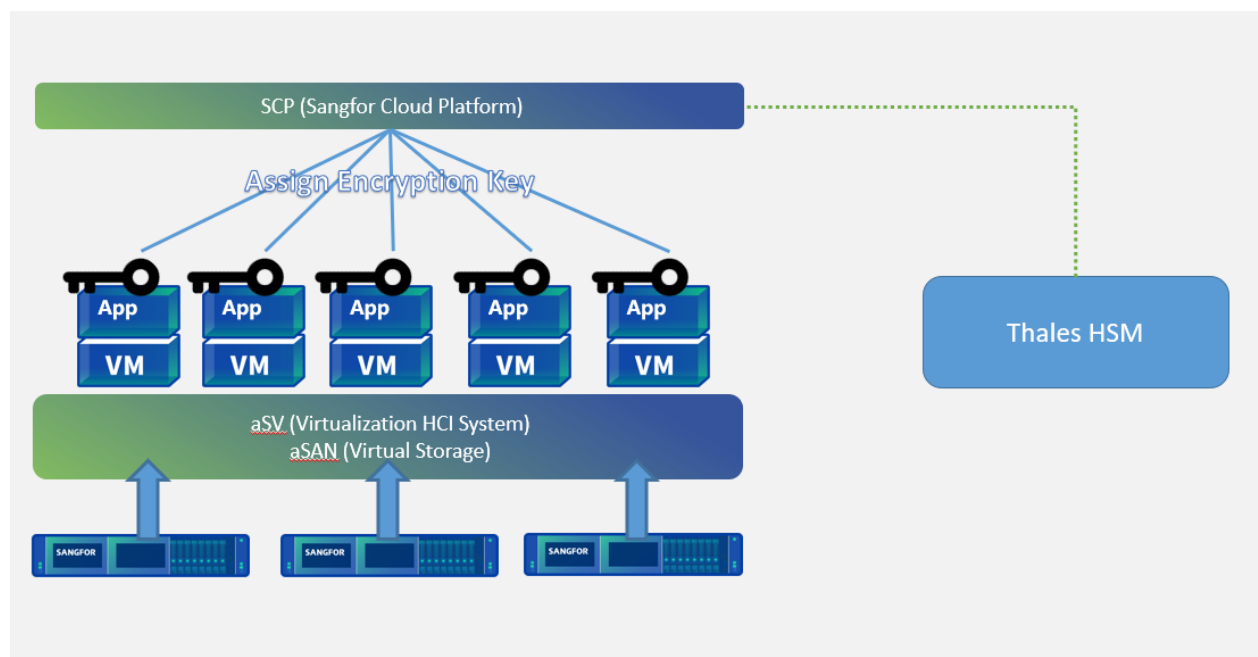
A big, blocky, graphic that shows the components of the solution and how they tie together. The diagram should show which specific Thale's products (eg. LUNA HSM, CipherTrust Cloud Key Manager, CipherTrust Vaultless Tokenisation, etc.) is to achieve what outcome.

Sangfor HCI enhance data protection from Thales

If Sangfor HCI system works with Thales HSM in the Hong Kong government sector, it can provide several advantages, including:

Enhanced cybersecurity: Thales HSM can provide advanced threat detection and response capabilities to protect virtualization systems from cyberattacks.

Compliance management: Thales HSM can help ensure that the virtualization system complies with relevant regulations and standards in the Hong Kong government sector.

Improved operational efficiency: Thales HSM can provide continuous monitoring and management of the virtualization system, reducing the burden on IT staff and improving operational efficiency.

Overall, integrating Thales HSM with Sangfor HCI system can help ensure that the system is secure, compliant, and efficiently managed, providing significant benefits to the Hong Kong government sector.

About Thales

Thales offers a range of cybersecurity solutions that help businesses protect their digital assets, including data encryption, identity and access management, and threat detection and response.

Thales is an expertise in developing and implementing complex, mission-critical solutions that help businesses operate more efficiently, securely, and effectively.