



What is QxStack powered by VMware Cloud Foundation?

QCT QxStack powered by VMware Cloud Foundation, or QxStack powered by VCF is a fully interoperable solution that provides customers with the easiest way to build and run an SDDC private cloud. The solution delivered with pre-qualified hardware provided by QCT and VMware's Cloud Foundation software.

What is SDDC?

SDDC extends the concept of virtualization, including abstraction, pooling and automation. It is the abbreviation of software-defined data center, which contains of compute virtualization, software-defined storage and network virtualization. The infrastructure is virtualized from hardware, delivered as a service through software and shares the same resource pool.

What benefits does QxStack powered by VCF bring?

QxStack powered by VCF delivers

- a. A turnkey SDDC solution on pre-qualified, pre-validated QCT hardware, powered by VMware Cloud Foundation software stack.
- b. Simple SDDC deployment, configuration and ongoing operations management with the VMware SDDC Manager, resulting in greater simplicity and faster time-to-value.
- c. Lifecycle management (LCM) automation
- d. Elasticity on scaling and configuration, to best align with current and future capacity requirements.
- e. Significant OpEx and CapEx benefits delivered with SDDC software capabilities and QCT's cost-effective hardware.

What is the software stack in QxStack powered by VCF?

The Cloud Foundation software stack includes VMware vSphere, Virtual SAN, NSX and SDDC Manager in the integrated SDDC system. VMware Cloud Foundation can further integrate with VMware's cloud management platform, vRealize, and virtual desktop products in Horizon. When these additional components are deployed on top of VMware Cloud Foundation, the SDDC Manager will extend the lifecycle automation across the entire VMware stack.

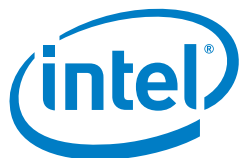
What is the offering of QxStack powered by VCF?

QCT provides customers with various offerings, such as storage-intensive and compute-storage-balance hardware platform. You can choose appropriate one based on your workload demand. Please refer to standard sku of QxStack powered by VCF with <https://www.qct.io/q/QxStack-VCF>. Feel free to contact us for further engagement in offering choosing.

Can the qualified server nodes be used with any of the qualified networking switches?

QxStack powered by VCF supports on qualified hardware switches from selected switch vendors, including Cisco and Arista, to get involved in customers' network environment.

For Top-of-Rack(ToR) switches, Cisco Nexus 9372PX/Cisco 93180YC/Arista DCS-7280SE-72-R is used to build the network between nodes, while spine switches leverage Cisco Nexus 9332PQ/ Arista 7050QX-32S-R to set up the inter-rack communication.



Q&A

What are the physical scalability limits of QxStack powered by VCF?

Customers can flexibly and dynamically scale on QCT integrated systems. Minimum starting requirement is 8 nodes, and customers can scale up incrementally per server up to 32 nodes, or scale out up to 8 physical racks.

Who should adopt QxStack powered by VCF?

The SDDC-based integrated system is ideal for enterprises and service providers focused on greater simplicity, faster time-to-value, enhanced security and lower total cost of ownership (TCO). QxStack powered by VCF is suitable for virtual infrastructure, virtual desktop infrastructure and private cloud environment establishment.

Why I should choose QCT QxStack powered by VMware Cloud Foundation?

As one of the leading partners of VMware Cloud Foundation, QCT delivers compatible products with high quality. Besides, we provide worldwide solution centers for remote log-in.

QCT is a global datacenter solution provider extending the power of hyperscale datacenter design in standard and open SKUs to all datacenter customers. Product lines include servers, storage, network switches, integrated rack systems and cloud solutions, all delivering hyperscale efficiency, scalability, reliability, manageability, serviceability and optimized performance for each workload. QCT offers a full spectrum of datacenter solutions and services from engineering, integration and optimization to global supply chain support, all under one roof.

How would I purchase QxStack powered by VCF? How could I request a demo or a Proof of Concept (PoC)?

Get started by contacting QCT representatives or sent inquiry via <http://www.qct.io>. QCT worldwide solution centers provides the pre-validated environment to ensure the compatibility of hardware platform and software stack. A well-prepared environment will set up for customer to remotely log in for trial.



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