



## HOSTED PRIVATE CLOUD



### *Enhanced Privacy, Performance, and Control*

Tightly integrated compute, storage, networking and virtualization resources help your cloud implementations run faster. Since stitching these capabilities together into a cohesive system is often daunting and expensive, QTS offers a Hosted Private Cloud solution. Your IT environment requires agility and a future-proof infrastructure you can trust. By leveraging diverse cloud environments both public and private, your company can minimize risk, lower total cost of ownership, and accelerate time to value.

QTS delivers seamless hybrid cloud hosting solutions using proven, best-in-breed software technologies. This provides rapid availability and elasticity of compute resources with the security and control our global customers demand to support your mission critical applications and workloads.

### THE QTS SOLUTION

Hosted Private Cloud (HPC) is our latest addition to these cloud offerings. QTS HPC is a software-defined enterprise private cloud that can run any application at any scale. QTS' Hosted Private Cloud leverages a rich set of functionality and provides a purpose-built infrastructure-as-a-service platform (IaaS) designed to meet the evolving needs of your Enterprise. QTS provides expert managed services for multi-cloud customers consistently across all environments. Our customers benefit from significantly higher levels of automation and visibility into managed public and private cloud instances from a single console view.

Key capabilities include:

- A single console to view your public and private cloud workloads
- Significantly higher levels of automation for faster time to value
- Enhanced comprehensive security from server to endpoint
- On-demand user access to features for increased productivity
- Customization to meet your unique environment and needs

HPC leverages QTS' Hybrid Cloud Management Portal (HCMP), allowing it to automate hundreds of repetitive processes with the use of semi-autonomous bots. Its hyperconverged infrastructure enables consumption-based economics and flexibility without compromising performance, reliability and availability. This end result is significant process improvements with attendant cost savings.

## Flexible Deployment Options

QTS is always thinking about how to better serve you. From our cloud architecture team, to our engineering staff, to our on-boarding teams, everyone at QTS who touches your account is working for you. We offer a tiered approach that lets your company tailor its IT environment to your own unique needs. You can easily scale your environmental needs by adding additional compute and/or storage nodes.

**SLA: 100% (all tiers)**

TIER	DESCRIPTION	SOLUTION FIT
Tier 1 - Hosted Private Cloud	3 nodes (Usable 40 CPU Cores, 768 GB RAM, 16 TB Storage - raw) Max VM Size Recommendations <ul style="list-style-type: none"> <li>• 16 VCPU</li> <li>• 192 GB RAM</li> </ul> Growth by Compute Node - 20 Cores, 384GB RAM, 8TB Storage - raw Growth by Storage Node only: 20TB, 30TB or 40TB increments	<ul style="list-style-type: none"> <li>• Small to medium sized workloads</li> <li>• Lower memory and CPU requirements</li> <li>• More horizontal scaling is desired</li> <li>• Smaller business critical applications</li> </ul>
Tier 2 - Hosted Private Cloud	3 nodes (Usable 72 CPU Cores, 1 TB RAM, 32 TB Storage - raw) Max VM Size Recommendations <ul style="list-style-type: none"> <li>• 28 VCPU</li> <li>• 256 GB RAM</li> </ul> Growth by Compute Node - 36 Cores, 512GB RAM, 16TB Storage - raw Growth by Storage Node only: 20TB, 30TB or 40TB increments	<ul style="list-style-type: none"> <li>• Mid-tier applications</li> <li>• Horizontal and vertical scale</li> <li>• Medium to large workloads</li> <li>• Small to medium business critical applications</li> </ul>
Tier 3 - Hosted Private Cloud	4 nodes (132 CPU Cores, 3 TB RAM, 120 TB Storage - raw) Max VM Size Recommendations <ul style="list-style-type: none"> <li>• 36 VCPU</li> <li>• 512 GB RAM</li> </ul> Growth by Compute Node - 44 Cores, 1TB RAM, 40TB Storage - raw Growth by Storage Node only: 20TB, 30TB or 40TB increments	<ul style="list-style-type: none"> <li>• Great vertical and horizontal scale</li> <li>• High memory and CPU intensive workloads</li> <li>• Database and business critical applications</li> <li>• Higher network bandwidth requirements</li> <li>• Large business critical applications</li> </ul>
Tailored - Hosted Private Cloud	We can tailor a solution to fit your requirements	<ul style="list-style-type: none"> <li>• Physical Database servers</li> <li>• Vendor specific requests</li> </ul>

## Operations Support Center

As the central point for all our customers, the Operations Support Center (OSC) champions our Managed Services offerings. Having our OSC team available around the clock for these services offers substantial benefits, including reduced overhead costs for your business. Our 24 x 7 x 365 support team of QTS analysts, engineers and IT professionals provides you with added peace of mind without an extravagant price tag. Also, our Operations Support Center boasts industry leading Net Promoter Scores providing a level of service second to none.

Today every cloud has different capabilities and there is a no one-size-fits-all cloud environment. Usage of a private cloud drives efficiencies as well as compelling standardization and use of best practices. By choosing QTS Hosted Private Cloud you receive the best cloud solution for your unique Enterprise IT environment.

