Blogpost

Drive your move to hyperconverged solutions by moving from CAPEX to a flexible OPEX

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If you're still running your compute, networking and storage on legacy infrastructure, chances are your organization is being severely held back due to system complexity and time-consuming deployments involving multiple teams.

A Hyperconverged Infrastructure (HCI) brings it all together under the control of a single management user interface.

Suddenly, there's no need for your teams to waste precious time struggling to connect hardware, validate compatibilities, or configure difficult modifications for critical organizational needs.

The problem for most businesses, however, is that the upfront costs involved in transitioning to HCI is just too great to bear.

Unlike similar solutions, Lenovo's Intel-powered ThinkAgile VX as a Service solves this challenge by putting you in control of a **more flexibly manageable payment structure, enabling you to pay only for what you need and on a monthly basis too.**

In other words, your move to hyperconverged architecture is enabled by a move from a CAPEX model to a more predictable OPEX one.
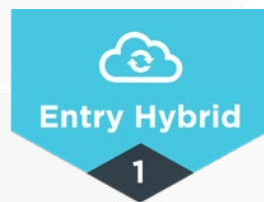
What's more, the whole process is simplified by a choice of preconfigured, easy-to-use bundles tailored to answer specific situations and needs.

Ease your transition with monthly payments and preconfigured packages

With payments flexibly structured around a monthly (or quarterly) basis, you'll find that your move to hyperconverged solutions can also be achieved far more flexibly than you might have imagined.

It grants you the opportunity to choose a transformation specifically tailored to your needs. You can also smoothly scale up with extra support and technologies when and as needed.
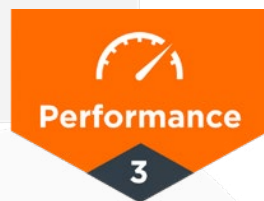
ThinkAgile VX as a Service combines Lenovo's Intel-powered ThinkAgile VX platform with VMware vSAN to offer four bundles, each seamlessly integrating with VMware hyperconverged software and targeting a different workload:

Entry Hybrid
1

Ideal for small businesses with non-latency sensitive workloads: Supports Server Virtualization and implements up to 25 VMs

Task Worker
2

Ideal for small or medium businesses: Supports Server Virtualization and VDI and implements up to 50 VMs

Performance
3

Ideal for medium businesses: Supports Server Virtualization and VDI and implements up to 75 VMs

Ultimate
4

Ideal for medium to enterprise businesses: Supports mission-critical workloads, Server Virtualization, and VDI and implements up to 150 VMs

Although forming the base for your transformation, these bundles can be adapted in whatever way you wish to suit your particular requirements, such as resizing the configuration, or enhancing the memory.

For example, as part of your agreement and monthly payments, you can ensure you're always ahead of the curve by adding other VMware or Lenovo technologies, such as Lenovo 360 laptops and new mobile offerings, or vSphere's virtualization platform with vCenter and vMotion solutions.

At the end of each yearly period, you can also take the opportunity to upgrade to the next level, effortlessly evolving without risk or expensive downtimes.

Reducing risks and costs

Each bundle is a pretested solution offering built-in resiliency backed by world-class support and industry-leading reliability.

Added to this, ThinkAgile VX as a Service utilizes vSAN's substantial capabilities, enabling the leveraging of existing tools, skillsets, hardware preferences, and software solutions.

This all substantially reduces any risks there might be in both quickly modernizing your infrastructure and moving to a whole new way of making more of today's innovative technologies.

It also empowers super-fast deployment, ensuring a considerable reduction in your operational expenses.

What's more, whereas traditional storage has to be bought then gradually filled, HCI storage can be increased in comparatively small amounts as needed. Along with the leveraging of server-side economics and affordable flash, this delivers predictable performance and costs, devoid of the need for large capital commitments.

The combination of capital and operational savings can easily lead to lowering Total Cost of Ownership by 50% or more.

Optimize performance and reduce cloud-deployment latency

By continuously and automatically adapting to application workloads in real-time, Intel's AI-enabled Workload Optimizer delivers a 40% improved response time and an overall enhanced performance, resulting in cost reductions of up to 60%.

Working in combination with 6th generational Intel tech, it also gives you a 5x increase in throughput and direct input/output virtualization, enabling you to accelerate app modernization while also minimizing migration risks and diagnosing bottlenecks.

Security is paramount too, right down to the processor level, securing hardware via the integrated cryptographic keys of a built-in cryptoprocessor and out-of-band (OOB) trust provisioning.

It's all backed up by Intel's Security-First Pledge[1], guaranteeing premium security without sacrificing performance.

Source
1: https://www.intel.com/content/www/us/en/corporate-responsibility/
    product-security.html

Payments tailored to your needs

The ThinkAgile VX as a Service monthly payment model grants your business a previously undreamt-of financial agility:

- No upfront capital expenditure
- Low and predictable costs
- Monthly or quarterly payments
- Pay for what you require
- No long-term commitment
- Flexible scaling to suit your needs
- Specialist support and access to extra tech

Entry Hybrid – your gateway to Hyperconverged Infrastructure

The first of the four ThinkAgile VX as a Service bundles, **Entry Hybrid**, has be en specifically developed with the entry level business in mind.

As your operational requirements change, you can expand the range of innovative solutions to ensure your needs are being met, if necessary upgrading at the end of each year to another bundle, whether it be **Task Worker**, **Performance**, or **Ultimate**.

Entry Hybrid comes with 3x Nodes, Workload Server Virtualization, and 10.5 TB (FTT 1) Storage capacity.

You can also leverage up to 25 VMs, though the effective number may vary depending on the VM configuration (vCPUs, RAM, Storage).

However, possible expansions include the ability to Scale Up, adding CPU and/or RAM, or Scale Out, adding nodes.

Getting your transformation underway

To drive down operating costs and open the door to cutting-edge innovations, you need to simplify your IT infrastructure.

With a collaboration stretching back now for more than twenty years, Lenovo has an unrivalled experience in developing and delivering VMware-based solutions empowering your digital transformation and solving even your most complex modernization and virtualization problems.
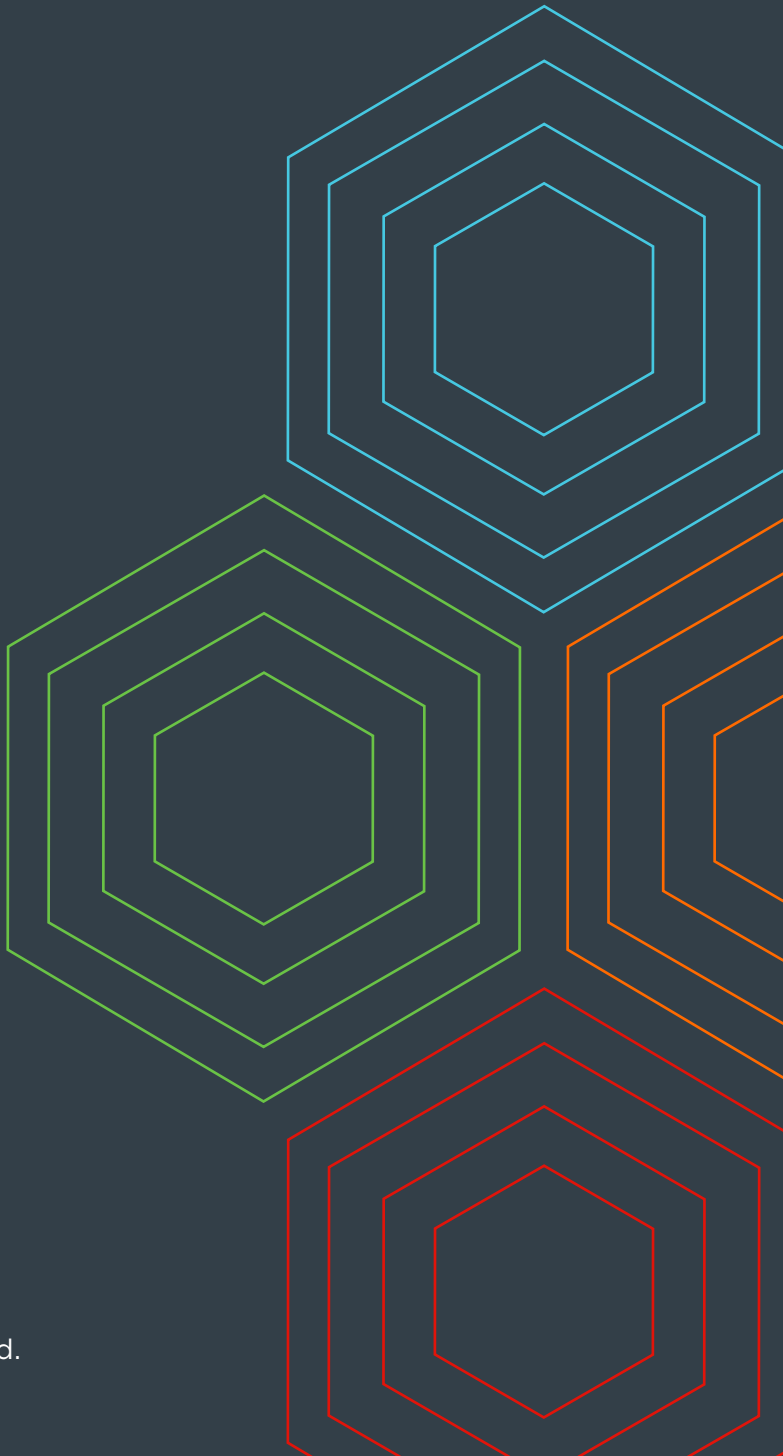
No matter the size of your business, **ThinkAgile VX as a Service comes with a uniquely flexible payment model enabling your move to a HCI** and opening up access to the business-critical technologies that no sensible organization can continue to ignore.

The four, easy to use preconfigured bundles offered by ThinkAgile VX as a Service similarly grants you a unique flexibility when it comes to ensuring your access to today's most innovative technology is both effortless and predictably costed.

Of course, the sooner you get your modernization underway, the sooner you can start drawing on its huge range of invaluable advantages.

So why not start today?

Contact us today