GAVS

zDesk

Virtual Desktop Infrastructure

Organizations moving towards digitalization of workspaces to primarily increase employee mobility, reduce hardware requirements & consequently IT costs, are looking at Desktop Virtualization as a viable alternative. Virtual Desktop Infrastructure(VDI) is a type of Desktop Virtualization where desktop environments are hosted inside a Virtual Machine(VM) running on a centralized server, and deployed to the end user on request. Since applications and data reside only on the centralized server, there is improved security, better control and easier management for the IT Operations team.

Although VDI has its benefits, there are challenges in VDI adoption. The technology stack for VDI typically includes different OEM products and technologies for hardware, hypervisors, storage, network connectivity, orchestration, security & so on. To be built right and to ensure solid long-term performance, VDI implementations require several point solutions from different vendors, which bring along a host of issues relating to sourcing, performance, cost, management, and vendor lock-in.

GAVS zDesk

GAVS offers a superior VDI solution stack at an exceptional Total Cost of Ownership(TCO) with zDesk Infrastructure to Endpoint VDI.

Benefits of zDesk

Consistent Performance

- zDesk provides in-host accelerated RAM, flash or SAS based storage, ensuring the fastest performing VSI/VDI experience
- Improved IOPS using Accelerated SDS technology
- Optimum performance of flash, graphics, network & compute
- Consistently delivers great User Experience from any device
- Highly scalable architecture

Cost Efficiency

- Replaces the need for expensive Hypervisors, Brokering and Management technologies, reducing the cost of a VSI/VDI desktop by 50-75%
- Lowest TCO compared to any VSI/VDI/DaaS vendor in the market, with cutting-edge technology out-of-the-box
- Cost savings of more than 75% over competitor VDI/DaaS solutions
- Flexible financing & pricing models

Simplicity

- Optimized Infrastructure: Need for proprietary Hyper-Converged Infrastructure(HCI) solutions and 3 Tier Architectures replaced with one platform-agnostic solution
- Simplicity of hyper-convergence & software-defined technology
- Full infrastructure stack from Hypervisor to End Point, delivered by a single vendor, managed through a single pane of glass
- All-in-one solution for a fully functional VDI stack deployable in any x86 compatible hardware
- Single vendor solution & service from design, fabrication, implementation up to support

Extensibility

- REST APIs enable flexible remote management and integration with third party platforms

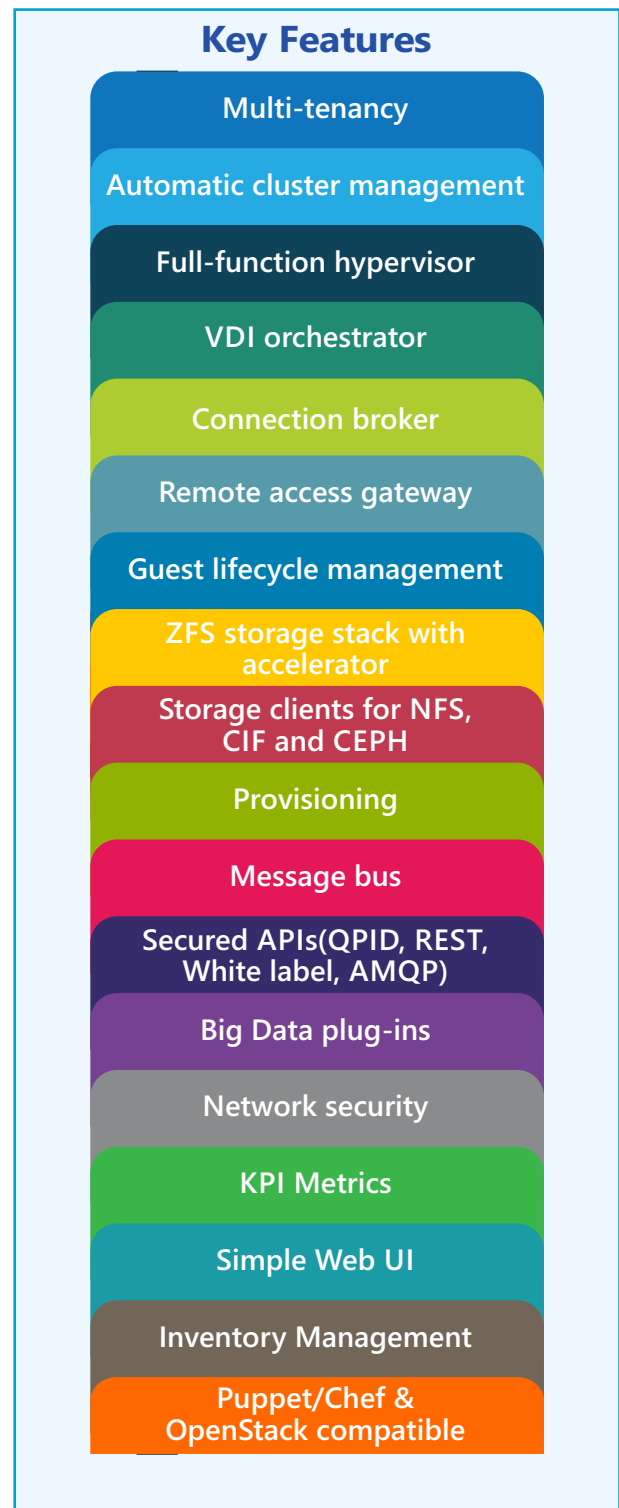|	
	Single vendor end-to-end solution & service
	All-in-one fully functional VDI
	Optimized & Simplified infrastructure and management
	Platform-agnostic
	Fastest performing VSI/VDI experience, Consistent UX
	Lowest TCO in the market
	Flexible financing & pricing
	Highly scalable and extensible

GAVS zDesk – Product Overview

We provide the complete lifecycle VDI solution implementation from project funding & initial assessment all the way to delivery, backed by sound project management practices and support. A typical GAVS' zDesk VDI solution implementation comprises of Assessment, Design, Procurement, Cloud/Colo services, Onboarding, Project Management, Installation, Configuration, Performance Tuning, and Managed Service.

zDesk is a complete desktop virtualization package that offers one to multi-thousand seat deployments with options for standard, shared, power or lite models; persistent or non-persistent; and hosted or managed. zDesk combines the benefits of VDI and DaaS and can be hosted either on-premise or on a private/public cloud of your choice. The zDesk stack is a complete, holistic solution that can sit on top of brownfield customer infrastructure on almost any hardware. The zDesk Enterprise Service Bus(ESB) establishes the necessary communication channels for interoperability.

zDesk provides efficient connection brokering for virtual desktop allocation from the resource pool, storage optimization through compression and deduplication, persistent storage in the form of local disks & replicated databases and monitoring to enable faster resolution of incidents and reduction of outages. With this feature-packed solution, zDesk is all you would need to build your VDI environment.

Key Features

- Multi-tenancy
- Automatic cluster management
- Full-function hypervisor
- VDI orchestrator
- Connection broker
- Remote access gateway
- Guest lifecycle management
- ZFS storage stack with accelerator
- Storage clients for NFS, CIF and CEPH
- Provisioning
- Message bus
- Secured APIs(QPID, REST, White label, AMQP)
- Big Data plug-ins
- Network security
- KPI Metrics
- Simple Web UI
- Inventory Management
- Puppet/Chef & OpenStack compatible

The GAVS Advantage

- GAVS will leverage its rich infrastructure experience in Virtualization, Datacenter Consolidation, Automation & Cloud service offerings to build VDI. We accomplish this through

  - Our maturity in project management practices
  - Template-driven assessment
  - ITIL-based service delivery
  - IT Governance
  - Industry compliance

- Customers will have the option to integrate the zDesk VDI stack with GAVS' AIOps Platform - Zero Incident Framework^{TM}(ZIF). This framework enables early detection and remediation of incidents, resulting in aspirational trending towards a Frictionless Enterprise

About GAVS

GAVS Technologies (GAVS) is a global IT services provider with focus on AI-led Managed Services and Digital Transformation. GAVS' AIOps platform, Zero Incident Framework^{TM} (ZIF), enables proactive detection and remediation of incidents and increases uptime, helping organizations drive towards a Zero Incident Enterprise^{TM}. ZIF, an on-premise and SaaS solution, enables IT deliver high performing systems with end to end visibility that helps manage and optimize resources and assets, and drives value for businesses. GAVS has transformed IT Enterprise delivery through ZIF's Discover, Monitor, Analyze, Predict, and Remediate modules, to optimize IT infrastructure performance, prevent data disasters and enhance business services continuity. GAVS is committed to help change how you organize your IT operations, bring meaningful and actionable insights through advanced ML for business improvements, enhance user experience and reduce resource utilization.

For more information on how GAVS can help solve your business problems, write to inquiry@gavstech.com.
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