AmZetta

zPortal
Desktop & App Virtualization

KEY FEATURES

> Controller for desktop and application virtualization via shared hosted desktops and VDI

> Enable WFH (Work from Home) with ease from a traditional office (client/server) setup

> Installs on Microsoft Hyper-V or VMware ESXI and all Standard Operating Systems

PRODUCT
OVERVIEW

AmZetta zPortal is a controller for desktop and application virtualization via shared hosted desktops and virtual desktop infrastructure (VDI). zPortal includes core features that allow administrators to create and manage hosted applications, virtual desktops, shared hosted desktops as well as services for auditing and to provision resources for virtual desktops, broker connections and to authenticate users as well as endpoint devices.

The zPortal controller installs on any off-the-shelf hardware and reduces total cost of ownership by skillfully controlling access to the shared hosted desktops, virtual applications and virtual desktop infrastructure (VDI). zPortal provides the flexibility to install in on-premise, hosted or cloud-based datacenters. zPortal leverages existing server virtualization infrastructures and supports Microsoft Hyper-V and VMware.

The zPortal controller can manage AmZetta zTC endpoint devices or any third-party thin or zero clients and repurposed existing desktops. Simply deploy the zClient Software on any device, including BYOD, and the zPortal controller can manage all your endpoint devices.

AmZetta zPortal enables companies of any size to centralize all business applications & end user computing resources to a single data center to simplify management, optimize business operations, save money and increase user productivity.

Is your company equipped with modern efficiency?

Wasted Resources
Traditional desktop infrastructures suffer from wasted hardware resources and inflexibility

Adaptibility
Organizations without VDI are unable to quickly scale and deploy new desktops to accommodate growth

Access Control
Physical desktop environments lack the granular permission controls required for guaranteed corporate security

zPortal - Centralized Management

Deliver applications & desktops from a data center by replacing desktop PC computing with server-based resources

Replace traditional desktop PCs with efficient, low-profile zero and thin client devices

Manage worker devices, allocate hardware resources as needed, and serve virtual applications – all from a single location

Implement a secure computing environment for internal and external users alike

FEATURES

Hybrid VDI Deployments

zPortal supports both session-based desktops and dedicated virtual desktops alike. Microsoft RDS servers can be added to manage session-based desktops. zPortal supports VMware vCenter, Microsoft Hyper-V, and SCVMM for creating, managing, and deploying virtual desktops.

Virtual Application Delivery

zPortal meets the application delivery requirements of nearly any organization by allowing administrators to serve applications from various sources, such as those installed on Microsoft RDS server, Microsoft App-V, as well as application streaming products and efficiently deliver applications to end users. Applications are then seamlessly incorporated into users' virtual profiles where the user can access them from any of their integrated devices.

### Device Assimilation & Management

When an approved device running zPortal becomes available on the designated network, the device automatically registers with the inclusive zPortal controller and is eligible for management via the management interface. Using the management console, administrators can view device status, user sessions, modify user settings, configure alerts, and also push hardware and software updates as they become available. Administrators can also push updates to the devices as they are available

Virtual Desktop Provisioning

zPortal includes virtual desktop provisioning support for VMware and Hyper-V based virtual desktops. zPortal can create both linked-clones and full clones for VMware-based environments. Sysprep can also be enabled from the management console, empowering administrators to provision hundreds of virtual desktops with just a few clicks.

User Pool Management

zPortal offers a rich suite of pooling features, including unique device-based pools and user- based pools. zPortal also supports both static and dynamic (temporary) resource allocation to ensure a high-quality user experience based on unique profile settings. Additionally, virtual desktops within a pool can be easily reconfigured when a new template is available. zPortal supports both the refreshing and recomposing of clones, as well as persistent & non-persistent virtual desktops
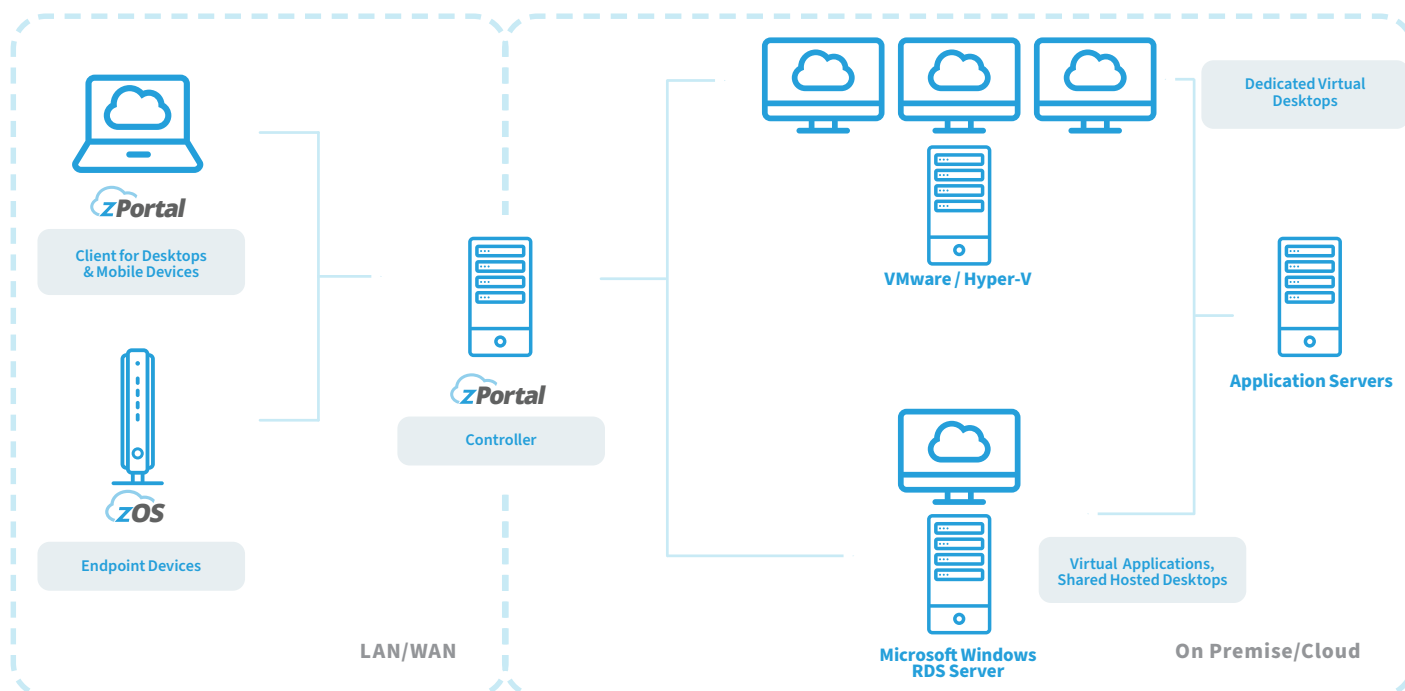
Power Management

zPortal can manage the power operations for both virtual desktops and various other integrated devices alike. Using the zPortal management console, devices can be configured to enter standby mode depending on idle time and user activity – thereby automatically saving on energy costs. zPortal can manage power settings of the organization's virtual desktops based on numerous available policies

Detailed Auditing & Logging

Detailed logs from various components can be viewed via the management console for auditing purposes and/or routine system evaluations. Device activity can also be pulled from endpoint devices and used to troubleshoot hardware issues. zPortal compiles all user authentication parameters, virtual desktop access, and administrator activity to streamline auditing practices while ensuring complete records with guaranteed accuracy.

Access Methods

zPortal offers various access methods for end users. Users can employ any browser to log into the user portal and access available virtual applications and their personal virtual desktop. Users can also download the zPortal client to their devices to create application shortcuts for efficient and direct access. File association ensures that users can access files located on their local desktop using their approved applications. Additionally, users can access their applications and desktops using iOS and Android mobile applications, or from any device running the zBrows portal.

High Availability

The zPortal controller can be implemented in a high availability cluster to provide a fault-tolerant deployment without compromising scalability. Devices running the zPortal client, as well as zOS devices, also support instant failover to an alternate zPortal controller in the event of hardware failure.

Application & Virtual Desktop Publishing

Session based Applications & Desktops
- Microsoft Windows RDS Server 2012 R2, 2016
- Microsoft Windows RDS Server 2008 R2
- Ubuntu/CentOS based terminal server

Dedicated Virtual Desktop OS
- Microsoft Windows 7
- Microsoft Windows 8
- Microsoft Windows 10
- Ubuntu & CentOS

Desktop Provisioning

Desktop Pools
Full and linked clones
Permanent and Temporary desktops
Power management for virtual desktops
Auto-expand pool
Desktop customization using SysPrep
Recompose desktops using source
VM Virtual desktop target location management
Persistent & Non Persistent Desktop

Hypervisor Support

VMware vCenter 5.5 or above
VMware ESX 5.5 or above
Microsoft Hyper-V 2012 R2/2016
Microsoft SCVMM 2012 R2/2016

Licensing

Device based Perpetual license
Concurrent session based Perpetual license
Pay-as-you-go model

Authentication & Authorization

Microsoft Active Directory
Novell E-Directory
LDAP
Local Databox
RADIUS via HID*
SMS/Email/Mobile OTP Token via zMFA*
Authentication cascading and failover
Authentication server monitoring & alerts
Password change management

Entitlements

zOS Devices
PCs with zOS Client
User Identity
Group / OU
Shared hosted desktop assignment
One-to-One assignment
Auto-assign desktop on first login
Permanent or temporary assignment

Device Management

Display Configuration
Device settings like volume, USB ports
USB port redirection driver management
Device lock down settings
Device UI Option security and control
Device power save settings
Language and keyboard settings
Device diagnostics control and log collection
Grouping of devices for easier management

Monitoring

Monitor device availability status Session status
Idle session status
Timeout idle sessions automatically
Manually terminate sessions
Virtual desktop power status
Manage power operations
Authentication server reachability status
Hypervisor reachability status
Resource Utilizations

System Management

Logging and reporting
- User logs
- Admin logs
- Device logs
- Alerts
- Log archiving

Automated & manual Configuration backup
Cluster Management
Session Host Server Management*

Access Methods

zOS devices zPortal Client for PC
- Microsoft Windows 7
- Microsoft Windows 8/8.1
- Microsoft Windows 10
- Ubuntu 12.04 or higher

AmZetta zBrows Web Portal*
zPortal Client SDK for Thin client integration

Application Publishing Features

- Remote Browser Application
- Application Folder support
- Application shortcut publishing
- Custom icon publishing
- Launch in single session
- Seamless Windows

Session Policies

- Protocol performance control
- Universal printing
- Printing quality control
- Printing bandwidth control
- Clipboard control
- Drive mapping control

* Requires additional license