



ZIGRON

*Connected
Application
Experts*

Datasheet

Zigron OpenStack® Solution & Services for Private Cloud Implementation

IT Infrastructure Solution & Services for optimal implementation of an OpenStack® based Private Cloud.





Introduction

Zigron offers efficient consulting, design, implementation solution and services, based on extensive experience and structured processes resulting from many delivered complex IT infrastructure projects. For deployment of OpenStack based Private Clouds, Zigron consultants deliver a robust, high quality installation and seamless implementation, accelerating time-to-time productivity and further providing the foundation for enhanced operational stability and performance based on different OpenStack distributions. This enables IT staff to focus on what is most important to their business, and realize a rapid return on investment for their new solution.

Customer Requirement

A professional and reliable partner capable of deploying an OpenStack based private cloud infrastructure that provides the business:

- Increased agility to meet business needs
- Fast innovation
- Efficient scaling of infrastructure
- Proven Data Center Security
- Cost effective
- Maintenance and support

Zigron's Solution

This solution/service enables a professional installation and implementation of an OpenStack Private Cloud, based on a technical reference architecture, include:

- Consulting from strategy development to transformation
- Capture and analysis of customer requirements
- Delivery of the required infrastructure components and applications
- Integration services
- Quick and easy implementations
- Service Automation
- Implementation documentation
- Handover Workshop with Acceptance Tests

Customer benefits

Zigron Professional & Integration Solution/Service provides an efficient and reliable introduction of an OpenStack based private cloud solution into the existing infrastructure landscape and:

- Fast implementation of a complete, optimized and supported OpenStack Private Cloud solution.

- Utilizing proven, structured methods by expert Zigron consultants to ensure efficient Private Cloud Integration
- Seamlessly combine on premise IT services with the new IT Cloud Services
- Simplified transformation of customer business and IT into the Cloud
- Economically attractive solution in terms of capital and operational expenses
- Offer all IT Services via a unified service interface
- Faster and flexible IT services delivery
- Enable Cloud Service Governance

Solution and Service Details

Service Description

Zigron OpenStack Solution/Service for Private Cloud Implementation consist of the following elements:

- Solution Design Workshop (Requirements based)
- Solution Implementation
- Handover of documentation and training

Solution & Service Specifications

Solution Design Workshop (Requirements based)

A Zigron OpenStack Private Cloud consultant presents the project scope to the customer. After the customer has confirmed the scope, Zigron consultant performs the set of activities required for the optimum design of the customer solution. Zigron consultant will adjust the project scope according to the customer solution design and review the implementation plan with the customer. Upon approval of the scope, results will be agreed between the customer and Zigron through a signed Authorized Task Order (ATO) and statement of Work (SOW).

Activities covered:

- Review customer environment and infrastructure
- Define solution requirements
- Identify gaps and target areas for improvement
- Define target performance metrics (KPIs)
- Detailed Solution Design Documents
- Implementation Plan (Network and Operational)
- Issue Statement of Work

Solution Implementation

A team of Zigron OpenStack Private Cloud professionals will be deployed for a standard installation at the customer premises, where they will proceed to implement and test the customer solution.

Activities covered:

- Installation and functional verification of the Hardware
- Installation and configuration of all necessary Cloud components:
 - Operating System
 - Cloud Management Software with all components
 - Hypervisors example installations
 - Catalog Manager Integration (optional)
 - Design specific Configurations
- Solution Testing

Handover of documentation and Training

After a successful implementation, the solution and all documentation is handed over to the customer. The customer will be trained in the essential administrative and operational tasks of their new Private Cloud solution, and Zigron professional support team is assigned to support the early life of the solution.

Managed Services

Focus on business while we handle all the openstack private cloud infrastructure for you. We handle the nitty gritty details of deploying, maintaining and scaling out a private cloud while you focus on end application and business. Our experts do the following:

- 24/7 monitoring of openstack services
- Upgrade of private cloud
- Security patching
- Capacity planning and scaling out support.

Our Technology Affiliates



US Office:

Virginia Office: 10408 Breckinridge Lane, Fairfax, Virginia 22030

Pittsburgh Office: 3013 Seneca Ct, Cheswick, PA 15024, USA

Phone: +1.703.536.8351

Web: www.zigron.com

Email: info@zigron.com