

SwiftStack Production Cluster Implementation Service

Expert assistance for building and deploying your SwiftStack cloud storage environment

This service is delivered over 4 days to help you design and implement a single region SwiftStack storage cluster in your datacenter. A SwiftStack Solution Architect will work with you, on-site or remotely, to identify and implement the best practices for your SwiftStack environment ensuring it will be ready for production workloads.

Starting with an audit of your production requirements, you and your SwiftStack Solution Architect will develop a detailed cluster layout, including networking schemas, controller and node configuration details, and configurations for your authentication integration.

Your SwiftStack Solution Architect then assists you with configuration and deployment of the controller, nodes, and planned integrations. This service also provides assistance with integrating your SwiftStack storage environment with either Amazon S3 or Google Cloud storage services.

Once your SwiftStack system is up and running, we will go through the detailed go-live check to ensure that you and your SwiftStack cluster are ready for production.

HIGHLIGHTS

- Helps get your SwiftStack production environment up and running quickly
- Based on best practices developed from 100s of production deployments
- Delivered over 4 days
- Fixed price and a standardized SOW
- Can either be delivered on-site or via remote access

OPTIONAL ADD-ONS

- Multi-Region Cluster Implementation
- Remote Monitoring
- Cluster Health Assessment
- Admin and Ops Training
- Developer Training

Deliverable	How SwiftStack Will Assist
1 Cluster Layout Recommendations	Create a recommended layout of a single-region SwiftStack cluster to meet your performance, durability, and security requirements.
2 Controller Configuration	Configure an on-premises SwiftStack Controller and disaster recovery backup for production use.
3 Access/Storage Node Configuration	Configure up to 10 access/storage nodes for production use, including storage policies, encryption settings, and erasure codes.
4 Load Balancer Integration	Configure the SwiftStack load balancer or provide guidance on how to use an external load balancer, such as F5, A10, etc.
5 Identity Integration	Configure authentication settings in SwiftStack Controller to authenticate and authorize with Active Directory, LDAP, or Keystone.
6 Hybrid Cloud Integration	Integrate the SwiftStack production cluster with Amazon S3 and/or Google Cloud storage.
7 Production Go-Live Check	Conduct a go-live check of the SwiftStack cluster. The go-live check is intended as a walk-through of common functional testing and operational scenarios.

Optional Add-on Services

SwiftStack offers several add-on services for the Production Cluster Implementation Service. These services gives you the flexibility to choose the assistance that best fits the needs of your environment. SwiftStack also provides a range of training classes that ensure you and your teams are getting the most use and best results from your SwiftStack storage system.

Below is a summary of the optional professional and educational services available from SwiftStack:

Multi-Region Cluster Implementation (2 days)

2 day service to design and implement a 2 or 3 region SwiftStack cluster, including:

- Multi-region cluster network design
- Replication network sizing
- Storage policy planning
- Write and read affinities
- Verifying network bandwidth and latencies
- Testing multi-region API functions

Remote Monitoring Service (6 months min.)

On-going remote monitoring and management service of your SwiftStack clusters to offload work from your operations teams. Requires remote access.

- Configuration of SwiftStack cluster for remote monitoring and management
- Instrumentation of cluster with SwiftStack remote monitoring suite
- On-going remote monitoring of SwiftStack cluster
- On-going remote operations assistance, such as configuration changes in the SwiftStack Controller and tuning of cluster settings for performance
- Monthly operations reviews

Production Cluster Health Assessment

2-4 day service to collect and analyze configuration, capacity, and performance data, including:

- Cluster configuration state and recommendations
- Capacity planning assessment and recommendations
- Tuning/performance analysis and recommendations

Admin & Ops Training (2 days)

2-day classroom training for up to 12 students. Can be delivered on-site or over web-conferencing.

- Lectures, walk-throughs, and hands-on labs
- Day 1: Cluster architecture, hardware requirements, networking, load balancing, API overview, and clients
- Day 2: Capacity management, monitoring, utilization, troubleshooting, and ops best practices

Developer Training (1 day)

1-day classroom training on developer best practices:

- Performance best practices and extending functionality with middleware
- Versioning, object expiration, range reads, server side copy, static large objects, and bulk uploads

To try SwiftStack for free, go to <https://www.swiftstack.com/try-it-now/>.

For additional assistance or to learn more, always feel free to contact us. We're here to help.

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Chat - Just go to [swiftstack.com](https://www.swiftstack.com) and look for the chat pop-up in the bottom right