



Professional Services

Deployment Automation

Scale Is Everything

ScaleArc's database load balancing software enables consumer-grade applications. The term "consumer-grade" signifies applications that are never down, always fast, and scale anywhere. The ScaleArc solution is a software appliance that can be deployed in both physical and virtual environments. Scaling anywhere is merely a matter of deploying the ScaleArc software into the required environments and on the required number of servers to meet the demands for traffic volume and fault tolerance. The typical cloud scalability model prefers larger server count over larger server size. The best way to enable scale across any environment is to have a greater number of small servers rather than a smaller number of large servers. While the installation and configuration of ScaleArc software can be completed in a relatively small amount of time, when multiplying the task to account for dozens, hundreds, or even thousands of servers, the effort quickly becomes time consuming and error prone. To combat these drawbacks, the use of automation for deployment of software solutions is critical.

Automation Is the Key

Since the ScaleArc solution is composed entirely of software, any number of common tools, such as Ansible, Chef, or Puppet, can be used to automate deployment. The use of server images is also a very common approach for deploying the same software configuration across many systems. However, the ScaleArc solution is not complete until the configuration of the software is in place. ScaleArc provides a robust RESTful API for remote configuration of the software. The Deployment Automation service provided by the ScaleArc Professional Services team includes assistance with defining and implementing both the software installation and configuration processes. The developed solution adheres to the customer's specific needs. The Deployment Automation service can be combined with the **Operational System Integration** service to provide a complete solution to deploy, configure, and integrate ScaleArc software with all business operations systems.

Benefits

Below are just some of the benefits realized from using the ScaleArc Deployment Automation service:

- Drastically shortened time to value realization
- No software development expertise required
- Predictable and repeatable process for software implementation
- Verifiable audit trail for compliance needs
- Scale critical infrastructure capacity without added operational overhead