

The approach to providing high availability and scalability of the service

Reassuring the following preconditions are met would facilitate high availability and scalability of the service:

1. Deployment on a clustered server environment with load balancing (scalability).
2. Fail-over support (availability).
3. Configuration of caching strategies.
4. Assuring compatibility of the service with clustered environment by
 - Keeping validation services stateless if possible.
 - Implementing support for efficient state replication if the service would have to become stateful at some point.
5. Using microservice architecture pattern for the system.