

Chapter - 15:

Infrastructure

Administration

- Infrastructure Administration:

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We must manage the infrastructure deployed for the “Digital Filing Platform” which includes operating systems, databases, virtualization technologies, load balancer, database replicator, high availability and load balancing cluster solution, storage technology, middleware platforms etc. to ensure availability, performance, cost effective utilization and security of the system.

- Build DC for Production, Test and Development.
- Manage the operating system, database, application, application server and the integration among them to ensure the availability of “Judicial Service Delivery Platform” solution.
- Administer the load balancer, database replicator, cluster software etc. to ensure high availability computing environment.
- We must ensure the 99% availability/uptime of service.
- Update the security settings and version of the operating system, database, application, application setting to ensure secured computing environment and service.
- Manage and update the Logical Architecture Diagram, Logical Design Diagram Manage, High Level Design, Low Level Design, Physical Architecture Diagram, Physical Design Diagram etc. as appropriate from the base line
- Manage IT inventory, configuration management database etc. to ensure the integrity and consistency of the computing environment.
- Backup of the database, application and server should be performed by the vendor as per the predefined retention policy, RPO and RTO