**Challenges in Pre-Docker Era**

1. Manage the development and deployment environments separately and differently.
2. Heavy cost of Virtual Machine/server farm deployments
3. Limitations in running multiple instances of same applications/servers like port, network, concurrency, memory sharing with host.
4. Manual scaling of servers, applications etc.
5. Customized cluster configuration for every different server like jboss, tomcat, iis etc.
6. Performance limitations, sharing of resources across applications/ systems etc.
7. Security issues in application deployments.

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