1. Background & Overview :
   1. Problem Statement:

Need to be discuss about this topic while in tomorrow call

* 1. How this work is initiated:

Need to be discuss about this topic while in tomorrow call

* 1. What this pack / document aims to achieve:

Need to be discuss about this topic while in tomorrow call

1. Scope:
   1. Inscope :

In this PoC we are going to do the Deployment automation for the CAM8\_Hotfix\_Deployment.

This will cover the

1. Checking the remote servers connectivity (target server)
2. Checking the network drive access (Artifact file location)
3. Taking the backup of current system artifact
4. Checking the target is whether cluster or non-cluster
5. Remote services start/stop operation
6. Artifacts are copied to the remote servers (target servers)
7. Configuration changes (xml & property files)
8. Clearing all the cache and log files of the current system
9. Migrating the file which are handled while deploying
10. Maintaining the error logs and Jenkins job related logs
    1. Outscope :
11. Need to be discuss about this topic while in tomorrow call
12. Solution Overview :
    1. Jenkins Deployment Architecture:

There is not much things that is handled by jenkins, so instead of this we can provide flow diagram or something like that, Need to be discuss about this topic while in tomorrow call

1. Technical Requirements:
   1. Servers required for Jenkins:

As of now Planned to setup Jenkins (master node) on one servers, while doing the development if requires need to install slave mode Jenkins on the target servers

* 1. Firewalls to be opened:

Generally all will use 9090 or 8080 port for Jenkins while configure.

* 1. Access Required:

Yes need full admin access for the server in which we are installing the Jenkins

* 1. Environment used for PoC:

1. Critical Success Factors:
   1. Factors using which the PoC success is measured

Need to be discuss about this topic while in tomorrow call

* 1. Deployment is automated completely without any manual intervention

No, while the deployment job getting failed the system will notify the admins through email after that admin’s has to deduct the issues through logs and do the changes and they can able to run again the job or else they can do that rest of things by manual.

* 1. Time taken for deployment (how much time save compared to manual deployment)

Through this automation we can surely able to reduce the time. Instead of manual changes in the configuration and property file we will do those things through script, so it will reduce the time.

* 1. Controlled deployment is possible from remote servers

Need to be discuss about this topic while in tomorrow call