**WRITE-UP**

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|  | **DESCRIPTION** |
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|  | **Project objective:** |
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|  | You have to develop an environment for Docker networking. |
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|  | **Background of the problem statement:** |
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|  | As you have worked on Docker containers previously, your manager has asked you to perform container scheduling over multiple hosts using Docker CLI and connect multiple hosts with Docker containers. |
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|  | **Technologies Used**: |
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|  | ● Jenkins: To create a pipeline to deploy Docker Swarm |
|  | ● Docker Swarm: To implement container networking |
|  | ● Git: To connect and push files from the local system to GitHub |
|  | ● GitHub: To store the Angular application |
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|  | **Procedure** |
|  | JENKINS WITH DOCKER |
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|  | STEP:1 CREATE AWS UBUNTU INSTANCE WITH PORT NO:8080 |
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|  | STEP:2 INSTALL DOCKER |
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|  | STEP:3 INSTALL JDK |
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|  | STEP:4 INSTALL MAVEN |
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|  | STEP:5 INSTALL JENKINS |