The following are the steps in deploying/releasing namche on web server/app server:

1. First login to the server by using the credentials provided.
2. Then backup the following things:
3. **GUI** of the product (old version).
4. Full **database** backup (old version).
5. **Namche Engine** backup (old version).
6. **WCF service** backup (old version).
7. Then download all files (**WCF, Engine and UI**) from FTP directory. And all extract zipped files in desktop.
8. Now open **command prompt** in administrative mode. : **(In QC, do this only if QA team ask for engine and WCF deployment**) – **Otherwise, skip to number six**.
9. Click on **start**-> type **“cmd”.**
10. Right click on **cmd.exe** and click on **“Run as adminsitrator”.**
11. Click on **“Yes”.**
12. After opening, use the following commands :
13. For stopping any running Namche Engine Service:
14. Go to ENGINE installation directory (which is **C:\Namche\Engine** in prod server only).
15. Then type ***Deerwalk.Namche.Engine.exe stop*** to stop the WCF service.
16. Then type ***Deerwalk.Namche. Engine.exe uninstall*** to uninstall the service.
17. For deleting the files ***(Use GUI for this purpose)***:
18. Manually navigate to the above mentioned folder.
19. Then press **ctrl+a** and press **delete** to delete all the files inside it or simply type **del \*.\* /q/s** in command prompt (if you are in above mentioned path in your terminal).
20. Copy **new files** into that folder from the place where you extracted the zip file.
21. Also, copy ***Deerwalk.Namche. Engine.exe .config*** from backup location to current directory.
22. For installing and starting the Namche Engine service:
23. Type this command: ***Deerwalk.Namche. Engine.exe install*** & hit Enter to install the service.
24. Type this command: ***Deerwalk.Namche. Engine.exe start*** & hit Enter to install the service (Do this after the deployment of WCF is complete on all servers).
25. The open services, open task manager.
26. Go to **services** tab.
27. The click on **services…** and search for the service called **Namche *Engine* Service.**
28. Right click on that service -> **properties** -> and set **Startup type** to **Automatic (Delayed Start)**
29. Then goto the **C:\inetpub\wwwroot** folder and delete the files in there too but **keep backup of web.config** and never delete it during deployment process. (*Don’t forget to backup all files before deleting*)
30. Then copy the **latest release (UI)** inside the same folder from where you have extracted the files.
31. Check if the **deployment of UI** was **successful or not** by going the namche link.
32. If you find runtime error, then **from old backup** replace the file called **System.Data.SQLite.dll** and **winSCP.exe** in the **bin** folder of web UI.
33. When everything is ok, goto **svn repos** and look for the latest patch for the current release. (**For Production deployment** **only**)
34. Apply the patch using **SQL yog** or **MySQL workbench**.
35. When done, **open the project/product** on the browser again.
36. Test all **major links** to see if any problem remains.
37. When everything is ok, install **WCF service** on 8 servers.
38. **Log off** when done.

Note:- For WCF installation, please refer to **Installing WCF Client.docx** file for more details.

Important IP addresses:

**Build Server:** 10.0.104.186

**Production Server:** 10.0.253.166

Other servers for Installing **WCF Service:**

|  |  |
| --- | --- |
| **Server Name** | **DA Server List** |
| da5.deerwalk.com | 10.0.1.210 |
| da2.deerwalk.com | 10.0.1.6 |
| da8.deerwalk.com | 10.0.1.246 |
| da3.deerwalk.com | 10.0.1.122 |
| da7.deerwalk.com | 10.0.1.102 |
| da4.deerwalk.com | 10.0.104.117 |
| da6.deerwalk.com | 10.0.1.22 |
| da1.deerwalk.com | 10.0.1.133 |