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| **DOCUMENT RULES:** | |
| **Task Number / Name:** | **Task5 / DNS Troubleshooting** |
| **Task name & column name should be written:** | **Bold (CTRL+B)** |
| **Commands should be written in the after # sign:** | *Italic (CTRL+I) #hostname* |
| **Output photo should be cropped or compressed:**  **Photo could be more than one:**  **If you need extra lines, add the line next after it:** | ***Description photo should be with title bar (CTRL + I + B)***  Text  Description automatically generated |
| **All other text should be written:** | Standard |
| **Font name and text size:** | Calibri and 9 |
| **Group name:** | Dev\_ops\_ |
| **Student name and surname:** | Murad Nasirli |
| **E-mail:** | [muradnasiroof@gmail.com](mailto:muradnasiroof@gmail.com) |
| **WhatsApp number:** | **+994703959383** |

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| **#** | **Task names** | **Command steps and outputs** |
| **1** | **For DNS Troubleshooting go to the Linux Guest VM and install Ubuntu Linux DNS tools** | *#* *sudo apt install bind9* |
| **2** | **Add some records in the DNS Host file in the Guest VM.**  **If you resolve the Kubernetes.modernhospital.az it show you Amazon name server Route 53.**  **These records are same as Hosted Zone Records** | # host -t NS Kubernetes.modernhospital.az – hit enter and result mus be below |
| **3** | **If you accidentally will create main name of the whole domain name modernhospital.az there will no problem because Hostgator still responsible for root domain.** | Look whois command |
| **4** | **Some helpful commands install it please** | # sudo apt install whois  # whois modernhospital.az |
| **5** | **Please learn all DNS rules about AWS from outsource** |  |
| **6** | **If you will create main domain name modernhospital.az although it is not impact your ns routing and then add kubernetes’s records to root domain inside of the AWS** | You can delete Kubernetes.modernhopsital.az record and keep modernhospital.az records it will also works. |
| **7** | **Keep in mind**   1. **This is cluster name as DNS name** 2. **You have API.kubernetes.modernhospital.az or api.modernhopsital.az** |  |
| **8** | **As a result you will check it again** | # host -t NS Kubernetes.modernhospital.az – hit enter to see correct route 53 zone |
| **9** | **DNS changes takes 30 minutes to propagate changes.** |  |