

Windows Server 2016

Practical Assignment

Appendix C

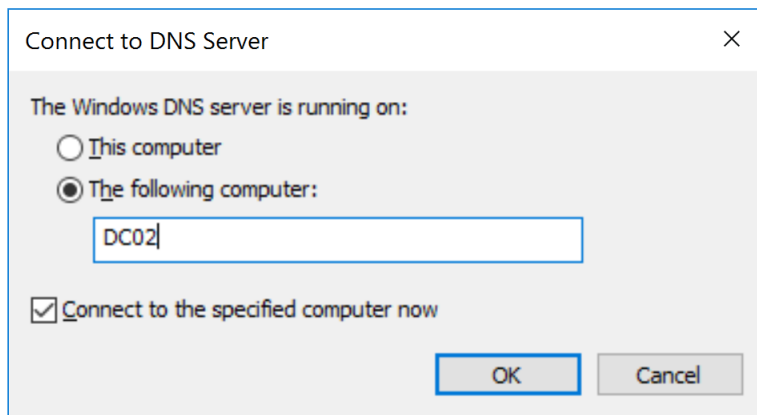
DNS Configuration

Version 1.0 (April 16, 2020)

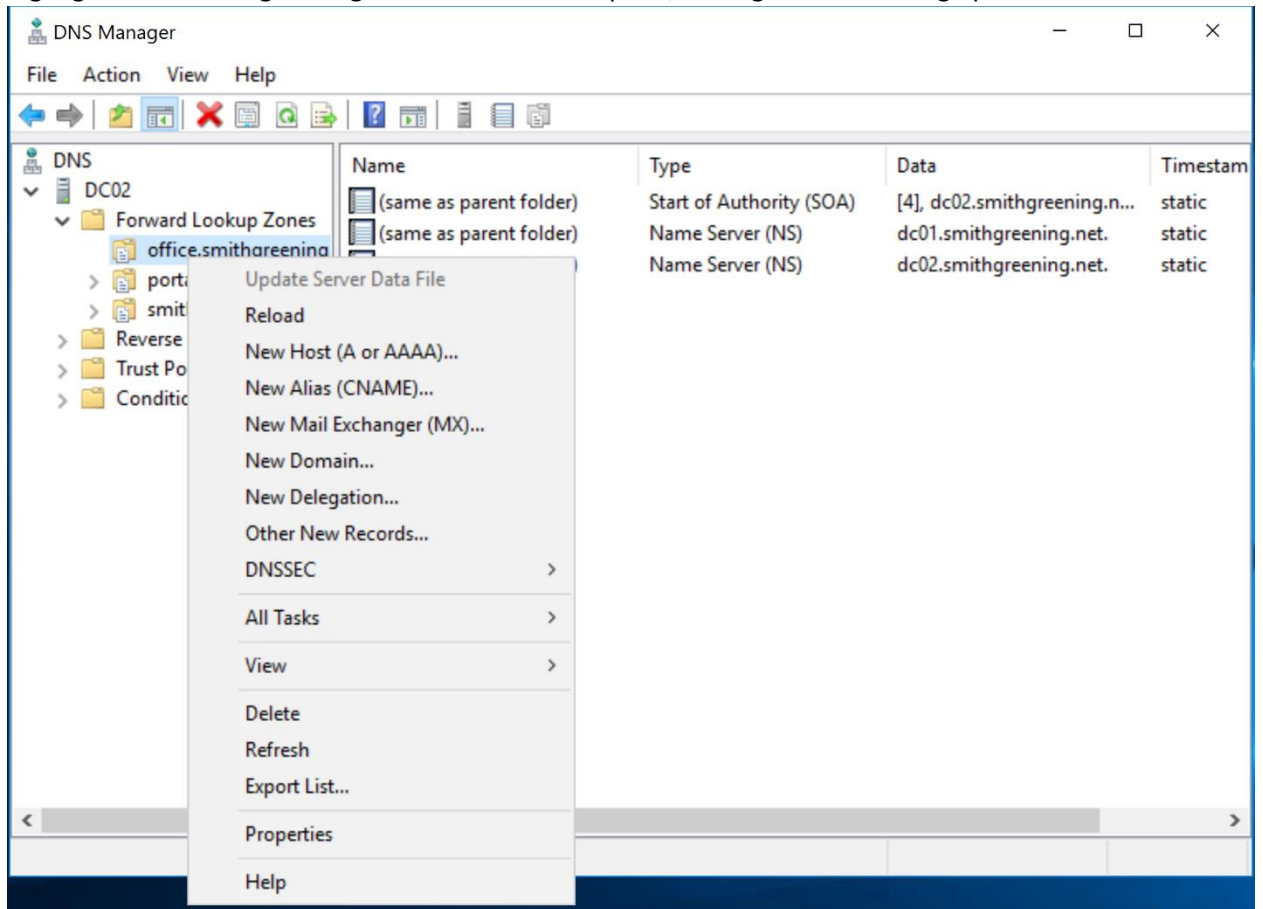
You will be doing your tasks on server01.smithgreening.net, which is running Windows Server 2016. To access the server you will need a remote desktop client. If you require a refresher in how to access the server environment using Remote Desktop, please refer to the document *CNA PPD – Windows Server 2016 – Practical Assignment – Appendix B – DHCP Configuration.pdf*.

In the practical assignment you need to create 2 records in DNS: A CNAME record, and an A record. To add these records you need to login to the server, server01.smithgreening.net. You then need to follow the steps below.

1. Run Server Manager
2. On the Tools menu, select DNS. This will launch the DNS Server Manager, and you will be presented with the DNS Management Console.
3. You will be prompted with a dialog box, asking which server to use. Click “The following computer”, and type DC02. Ensure to check the box labelled “Connect to the specified computer now.”

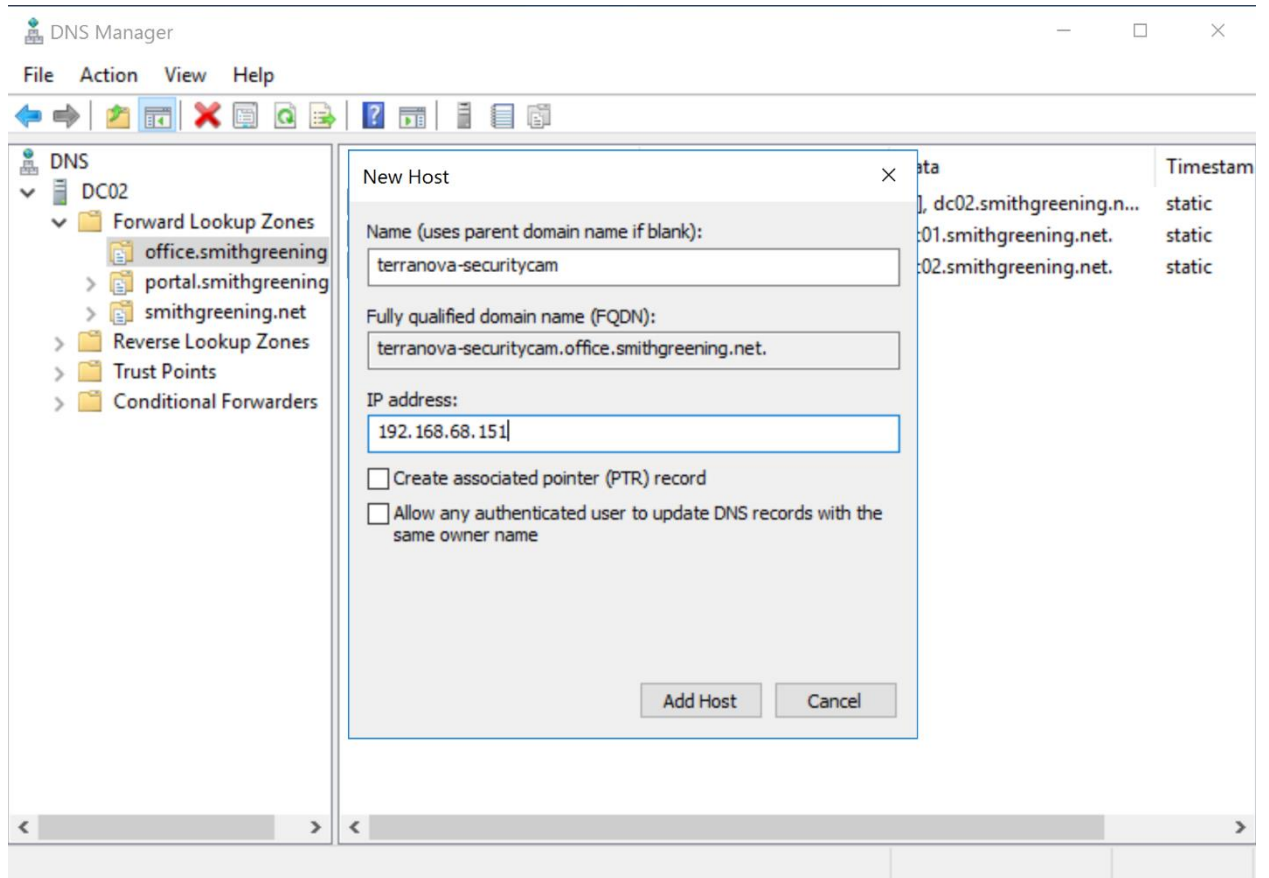


4. From there you need to navigate into the Forward Lookup Zones for DC02. You then need to highlight office.smithgreening.net in the left-hand pane, and right-click to bring up the menu.



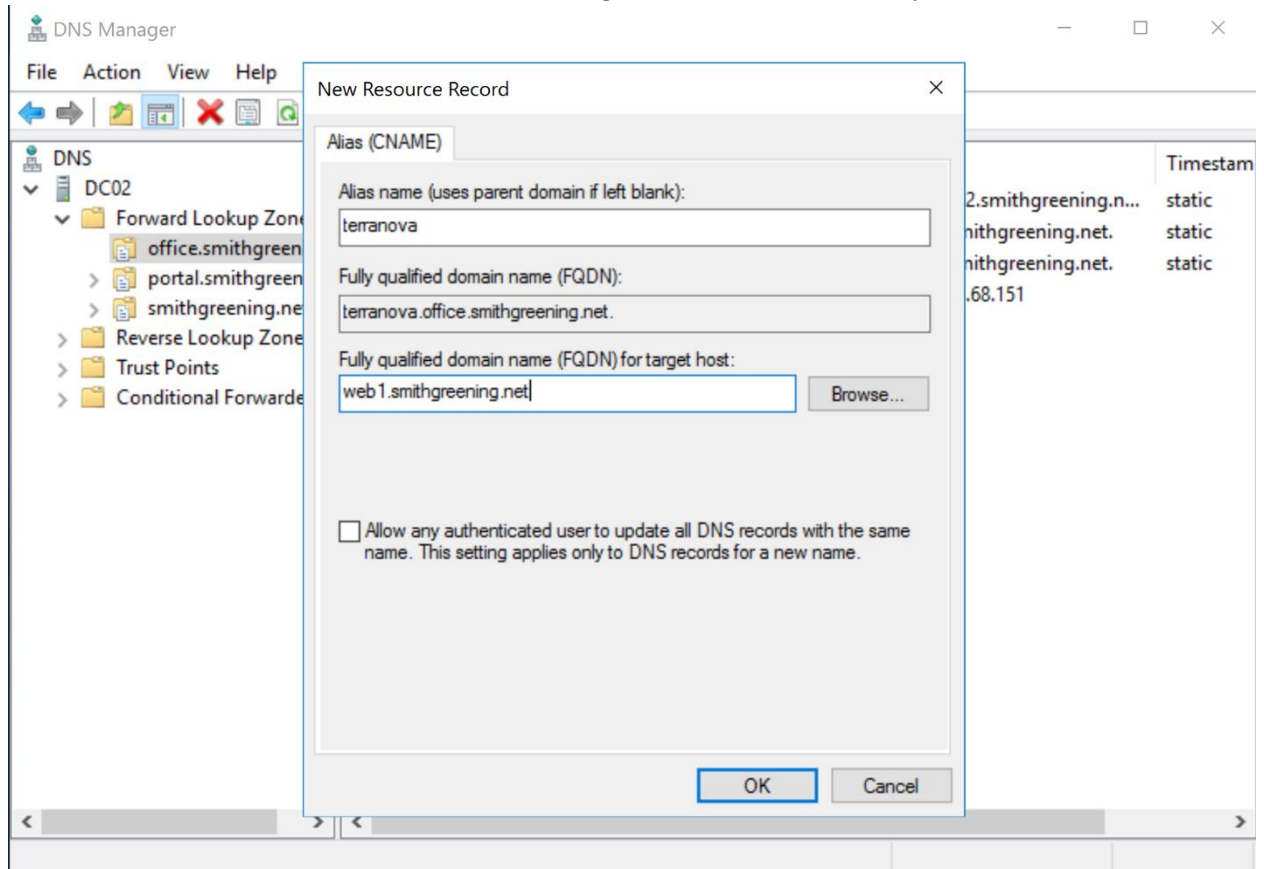
5. You will add the A record to point to the security camera IP for your office, so choose the option New Host (A or AAAA). The standard that you will use is *officename-securitycam.office.smithgreening.net*. You will need to specify the IP address that you used for the reservation when you did your DHCP configuration. It is also listed in a table in the Part B document. For example, the A record for the security camera for the Terra Nova office is entered as follows. Remember to use YOUR office name and the IP address assigned to YOUR security camera. Do NOT click the checkboxes for the create associated PTR record, or allow any

authenticated user DNS records.



6. Click the Add Host button to create the record.
7. Right-click on the same forward zone as before (office.smithgreening.net), and this time choose New Alias (CNAME).
8. Create the record for officename.office.smithgreening.net to be an alias for the company webserver web1.smithgreening.net, as follows. Again, please ensure that you use YOUR office name. Terra Nova is used just as an example. Also make sure there are no spaces in the alias

name. Leave the checkbox unchecked for allowing authenticated users to update.



9. Click the OK Button and your record will be created. You have now completed the DNS configuration required. You may now close the DNS Manager window. Congratulations!