

Continuous Assessment-1

Section: DE533 Group-2

CAP660: Network Administration

Note: Perform the following activities:

1. Write the complete steps of subnetting on the given sheets.
2. Write all the configuration steps of all the devices used in the network on the given sheets.
3. Create the complete network using packet tracer.
4. Share the packet tracer (.pkt) file on the UMS and submit the sheets manually.

Question: Use FLSM method to divide the given network into subnet supporting a minimum number of hosts. Use FLSM method for Subnetting. Connect at least three subnets for communication using static routing. (Every subnet has its own router for external communication.).

S.No.	Reg. Number	Name	RollNumber	Network Assigned	Min. Hosts
1	12100353	Kamalkant	RDE533B37	220.215.64.0	35
2	12100442	Ajay Kumar Upadhyay	RDE533B38	215.210.54.0	45
3	12100524	Shiv Kumar Singh Gautam	RDE533B39	211.205.44.0	13
4	12102200	Abhinay Sharma	RDE533B40	205.191.34.0	28
5	12102875	Trina Mahapatra	RDE533B41	201.175.24.0	40
6	12103639	Akshay Shinde	RDE533B42	195.163.14.0	24
7	12104443	Vishal Gupta	RDE533B45	206.190.36.0	35
8	12105896	Suryamani Gupta	RDE533B47	222.201.68.0	28
9	12106006	Astuti	RDE533B48	202.101.28.0	40
10	12106836	Rishabh Bhatia	RDE533B49	199.171.25.0	10
11	12106871	Raman Kumar	RDE533B50	212.221.48.0	24
12	12106877	Anil Kumar	RDE533B51	206.200.44.0	35
13	12107695	Jobin S	RDE533B53	213.22.53.0	30
14	12108080	Shivam Kumar	RDE533B54	196.103.16.0	10
15	12108305	Krishna Kumar	RDE533B55	211.208.46.0	18
16	12108329	Shreyansh Shekhar	RDE533B56	201.178.26.0	28
17	12108912	Aakash Kalra	RDE533B58	197.16.18.0	40
18	12108949	KM Geetika Pandey	RDE533B59	221.28.66.0	24

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S.No.	Reg. Number	Name	RollNumber	Network Assigned	Min. Hosts
19	12111537	Ravi Kumar	RDE533B60	198.19.20.0	35
20	12111590	Shambhavee Kumari	RDE533B61	203.14.30.0	30
21	12111883	Muskan	RDE533B62	208.19.40.0	18
22	12113030	Kamalesh Ray	RDE533B63	213.24.50.0	28
23	12113997	Shashi Kumar	RDE533B64	218.29.60.0	40
24	12114148	Sumit Kumar	RDE533B65	223.44.70.0	24
25	12114311	Vikash Singh Maurya	RDE533B66	194.57.12.0	35
26	12114638	Amarjeet Kumar	RDE533B68	199.72.22.0	28
27	12114709	Uffaid Iqbal Kumar	RDE533B69	204.87.32.0	40
28	12115230	Rajendra Prakash Gawade	RDE533B70	209.22.42.0	24
29	12115233	Pushpak R Nikude	RDE533B71	214.27.52.0	35
30	12115342	Chanda Kumari	RDE533B72	219.32.62.0	24