



HƯỚNG DẪN VHKT HỆ THỐNG EPC VHT THÔNG QUA EMS

Tác giả: Phạm Đức Mạnh

23/10/2020



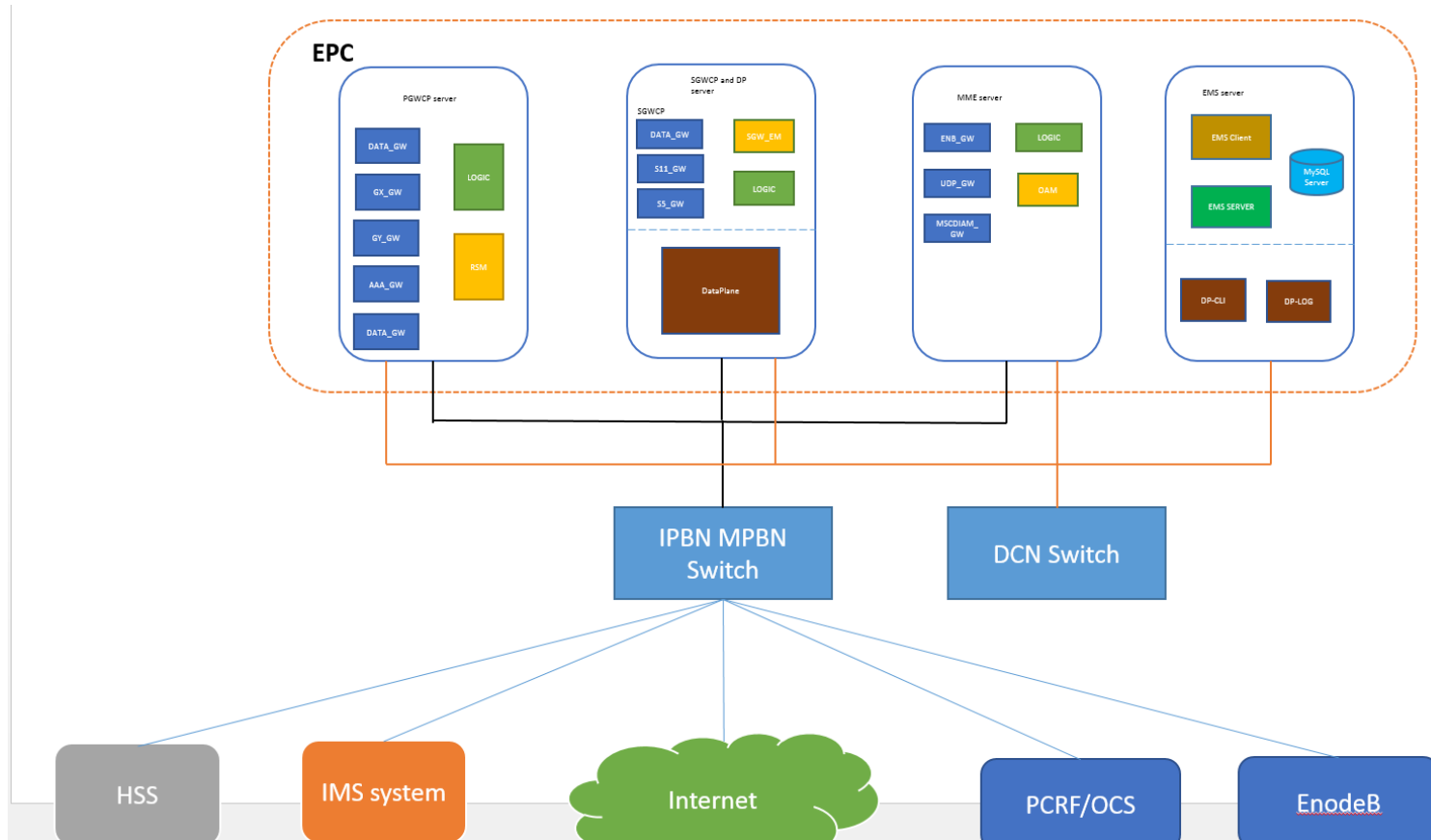
NỘI DUNG

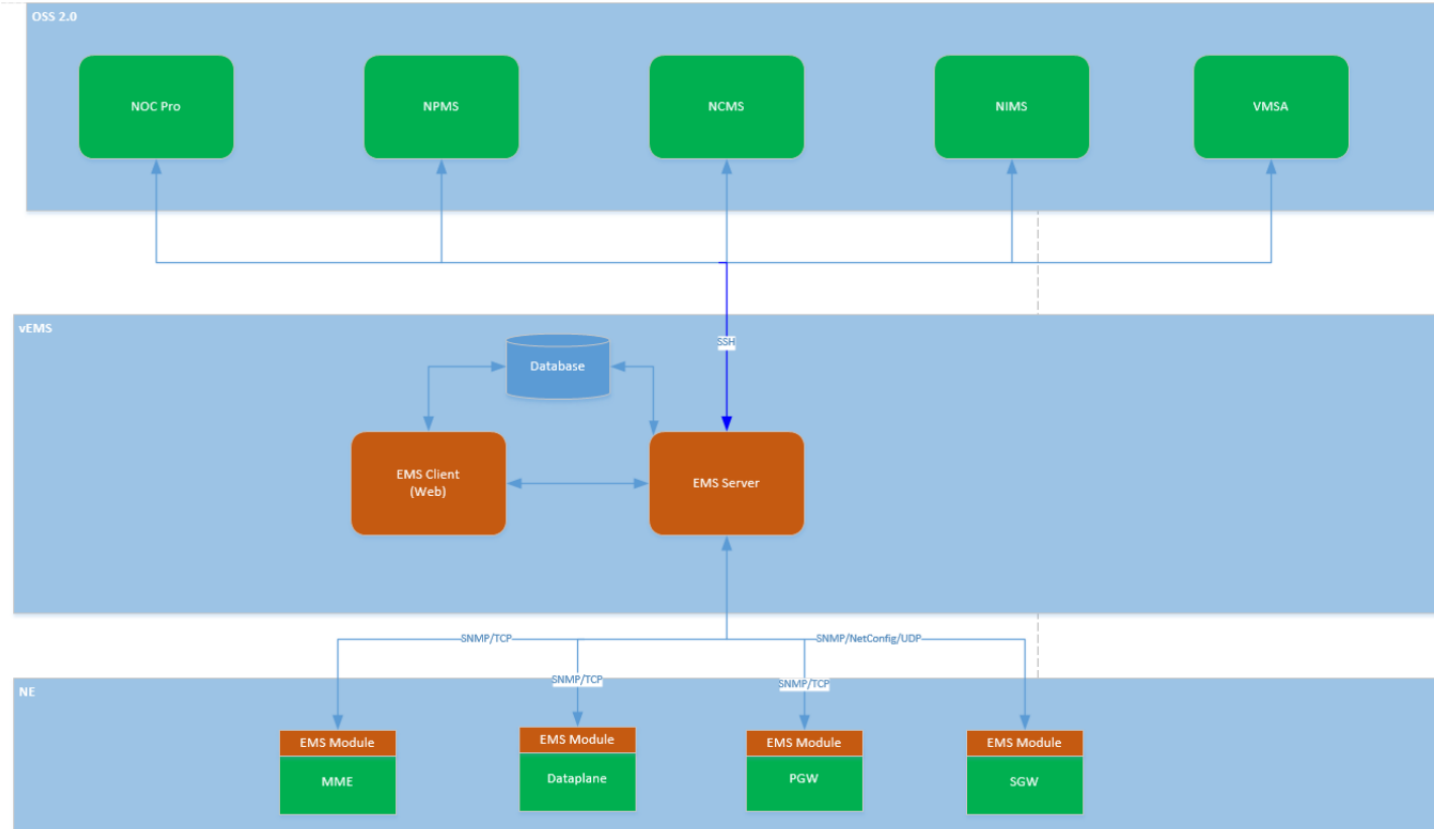
PHẦN 1: SƠ ĐỒ TRIỂN KHAI vEPC – Lab HVBCVT

PHẦN 2: KIẾN TRÚC HỆ THỐNG GIÁM SÁT EMS

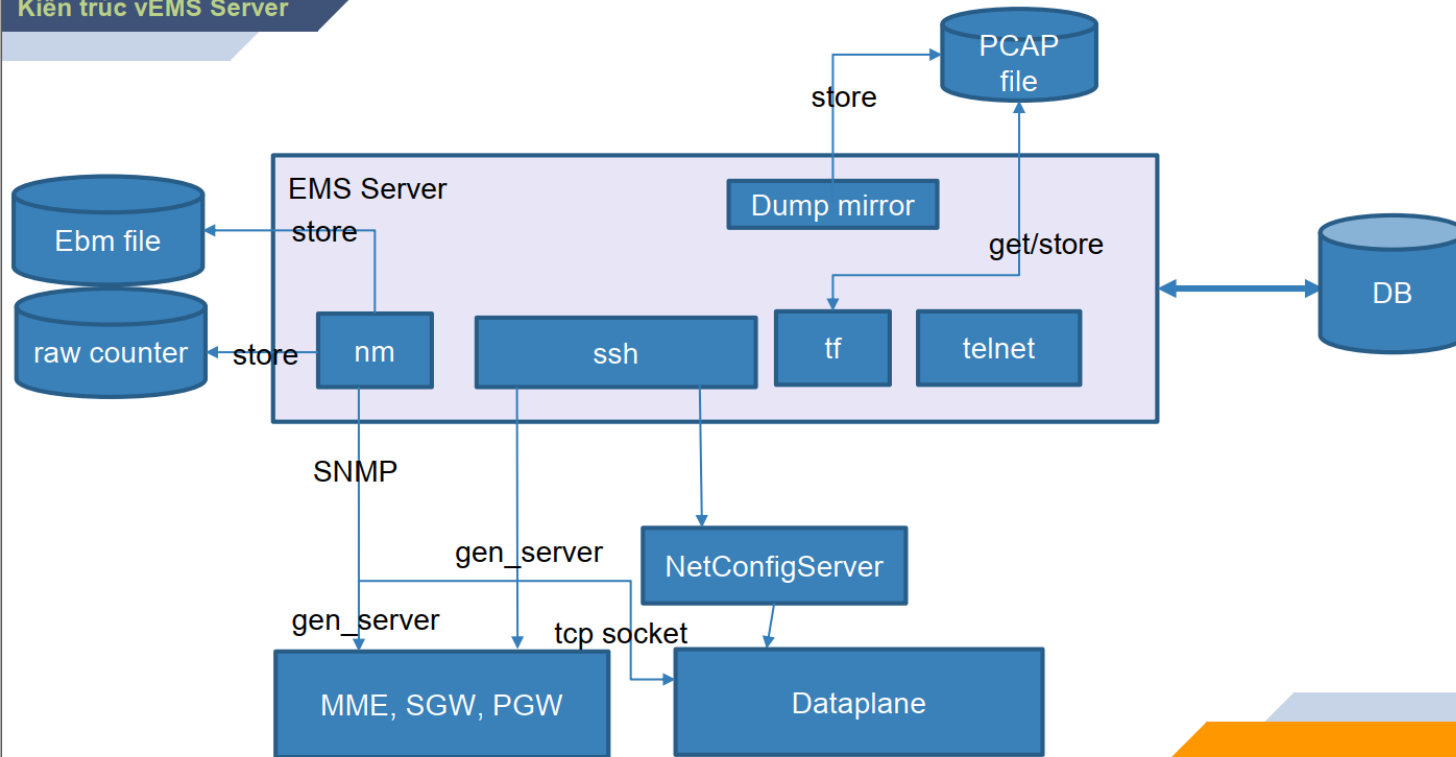
PHẦN 3: THỰC HÀNH TRÊN HỆ THỐNG LAB-HVBCVT

SƠ ĐỒ TRIỂN KHAI vEPC – Lab HVBCVT

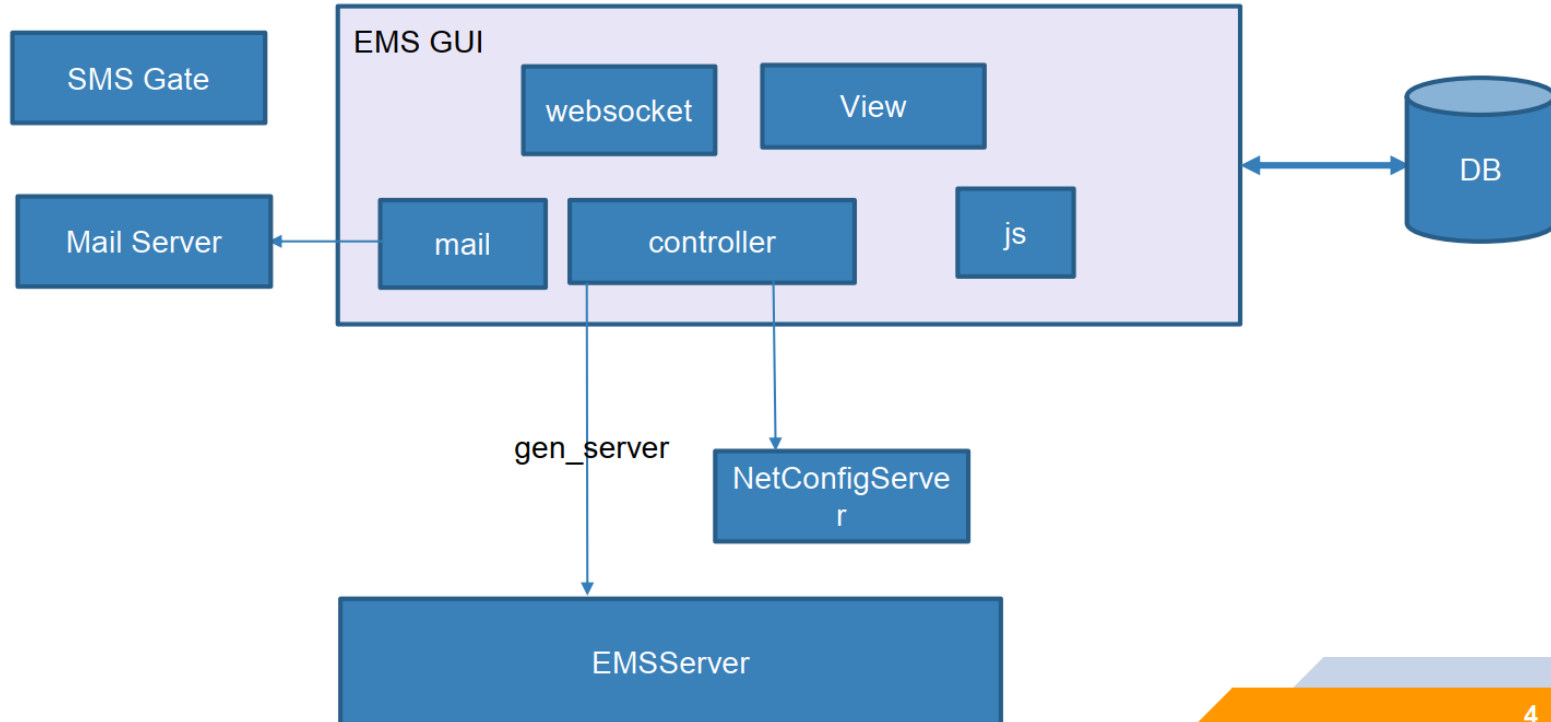


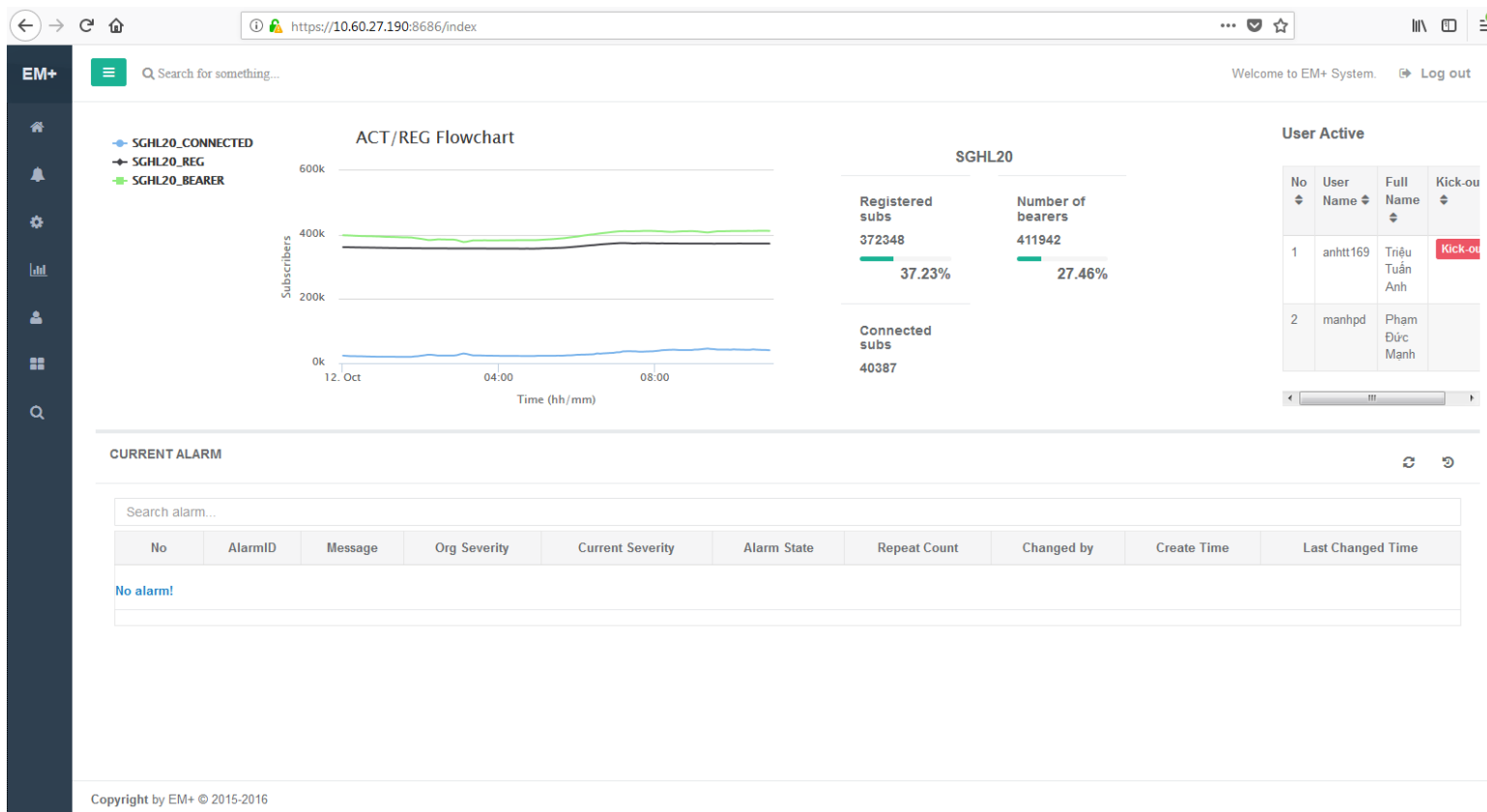


Kiến trúc vEMS Server



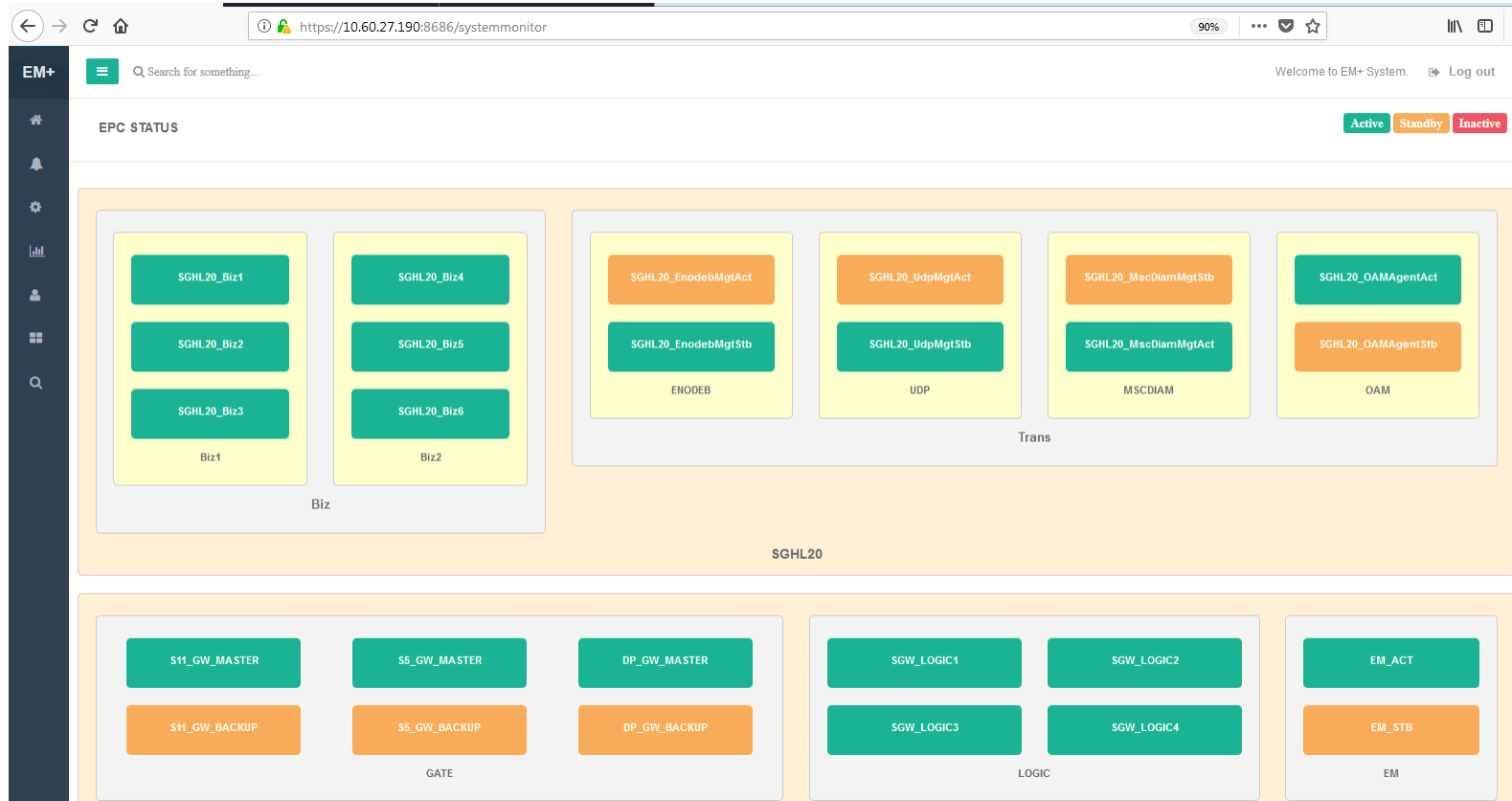
Kiến trúc vEMS Client





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90% ... 📶 ⌵ ⌵ ⌵

EM+

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INTERVAL

5 minutes

WITHIN

30 minutes

View

KPI SGHL20 Recent

Start - End Time	Period (min)	S1A ATT	S1A SUCC	S1ASR (>= 98.19)	CSFB ATT	CSFB SUCC	CSFBSR	SR ATT	SR SUCC	SRSR	DB ATT	DB SUCC	DBSR	SMS ATT	SMS SUCC	SMSSR	S1P ATT	S1P SUCC
2020-10-12 10:55:00 - 2020-10-12 10:59:59	5	8480	8370	98.7	16086	16084	99.99	386162	386069	99.99	1629	1624	99.69	10014	9720	97.06	219205	213634
2020-10-12 10:50:00 - 2020-10-12 10:54:59	5	8516	8457	99.31	16462	16460	99.99	389539	389434	99.97	1640	1641	100.00	8257	7986	96.72	220722	215079
2020-10-12 10:45:00 - 2020-10-12 10:49:59	5	8341	8252	98.83	16959	16957	99.99	392015	391941	99.98	1759	1752	99.6	9604	9330	97.15	224198	218288
2020-10-12 10:40:00 - 2020-10-12 10:44:59	5	8307	8230	99.07	17232	17234	100.01	397053	396975	99.98	1750	1744	99.66	8252	8014	97.12	228431	222618
2020-10-12 10:35:00 - 2020-10-12 10:39:59	5	8624	8547	99.11	17135	17128	99.96	394606	394528	99.98	1819	1815	99.78	6999	6773	96.77	227307	221190
2020-10-12 10:30:00 - 2020-10-12 10:34:59	5	8439	8360	99.06	16903	16897	99.96	401850	401781	99.98	1872	1872	100	6536	6321	96.71	232909	226827
Total	30	50707	50216	99.03	100777	100760	99.98	2361225	2360728	99.98	10469	10448	99.8	49662	48144	96.94	1352772	1317836

KPI SPGW Recent

Start - End Time	Period (min)	SGW Bearer ATT	SGW Bearer SUCC	SGW Bearer SR	PGW Bearer ATT	PGW Bearer SUCC	PGW Bearer SR (>= 96.55)	GGSN PDPContext Att	GGSN PDPContext SUCC	GGSN PDPContext SR (>= 96.55)	Nbr EPS Bearer	Gi/SGI DL (MB)	Gi/SGI UL (MB)	SGW DL (MB)	SGW UL (MB)	Gi/SGI DL (packet)	Gi/SGI UL (packet)
2020-10-12 10:55:00 - 2020-10-12 10:59:59	5	96549	96495	99.94	28581	28550	99.89	26	26	100	755487	517439.99	40416.21	487575.95	39582.58	470854304	179603075

❖ Link vào EMS WEB:

<https://203.162.88.122:8686>

❖ Link vào CLI:

ssh [UserName@203.162.88.122](#) -p 8670



THANK YOU FOR LISTENING!



Any Questions

