

Node	Serial No.	Network Name	VLAN No.	Physical ports	IP addresses	IP	GW	Device	Switch-Port	Comments
WAFWAPP01	GC8Z1L2	VLAN-ILO	428	1	1	10.221.2.196	10.221.2.195	iDRAC		
		VLAN-MGT	429	2	1			bond0(em1, p1p1)		
		SS7FW1_P2P_EXTERNAL	442	1	3	10.219.10.90 92.60.135.194 92.60.135.196	10.219.10.89	em3		
		SS7FW1_P2P_EXTERNAL	441	1	3	10.219.210.90 92.60.135.210 92.60.135.212	10.219.210.89	p1p3		
		VLAN-INTERNAL (L2)	440		1	10.10.0.1	N/A	bond1(em2, p2p1)		trunk
		VLAN-BACKEND	419	2	1	10.222.8.228	10.222.8.227			
		SS7FW1_A_IO	420	1	10	10.219.10.82 31.0.186.13	10.219.10.81	em4		
		SS7FW1_B_IO	430	1	10	10.219.210.82 31.0.186.19	10.219.210.81	p1p4		
		DIAMETER_A	450	1	1	10.219.10.114	10.219.10.113	p1p2		
		SS7FW_SIGTRAN_A_APP	438		1	10.219.10.66	10.219.10.65			
		DIAMETER_B	451	1	1	10.219.210.114	10.219.210.113	p2p2		
		SS7FW_SIGTRAN_B_APP	439		1	10.219.210.66	10.219.210.65			
WAFWAPP02	GC6Y1L2	VLAN-ILO	428	1	1	10.221.2.197	10.221.2.195	iDRAC		
		VLAN-MGT	429	2	1			bond0(em1, p1p1)		
		SS7FW2_P2P_EXTERNAL	444	1	3	10.221.2.213 10.219.10.94 92.60.135.195 92.60.135.197	10.219.10.93	em3		
		SS7FW2_P2P_EXTERNAL	443	1	3	10.219.210.94 92.60.135.211 92.60.135.213	10.219.210.93	p1p3		
		VLAN-INTERNAL (L2)	440		1	10.10.0.2	N/A	bond1(em2, p2p1)		trunk
		VLAN-BACKEND	419	2	1	10.222.8.229	10.222.8.227			
		SS7FW2_A_IO	422	1	10	10.219.10.82 31.0.186.17	10.219.10.81	em4		
		SS7FW2_B_IO	432	1	10	10.219.210.82 31.0.186.15	10.219.210.81	p2p1		
		DIAMETER_A	450	1	1	10.219.10.115	10.219.10.113	p1p2		
		SS7FW_SIGTRAN_A_APP	438		1	10.219.10.67	10.219.10.65			
		DIAMETER_B	451	1	1	10.219.210.115	10.219.210.113	p2p2		
		SS7FW_SIGTRAN_B_APP	439		1	10.219.210.67	10.219.210.65			
WAFWAPP03	GC5Y1L2	VLAN-ILO	428	1	1	10.221.2.198	10.221.2.195	iDRAC		
		VLAN-MGT	429	2	1			bond0(em1, p1p1)		
		SS7FW3_P2P_EXTERNAL	446	1	5	10.219.10.98 31.0.187.2	10.219.10.97	em3		
		SS7FW3_P2P_EXTERNAL	445	1	4	10.219.210.98 31.0.187.18	10.219.210.97	p1p3		
		VLAN-INTERNAL (L2)	440		1	10.10.0.3	N/A	bond1(em2, p2p1)		trunk
		VLAN-BACKEND	419	2	1	10.222.8.230	10.222.8.227			
		SS7FW3_A_IO	424	1	10	10.219.10.82 10.3.148.2	10.219.10.81	em4		
		SS7FW3_B_IO	434	1	9	10.219.210.82 10.219.232.92	10.219.210.81	p2p1		
		DIAMETER_A	450	1	1	10.219.10.116	10.219.10.113	p1p2		
		SS7FW_SIGTRAN_A_APP	438		1	10.219.10.68	10.219.10.65			
		DIAMETER_B	451	1	1	10.219.210.116	10.219.210.113	p2p2		
		SS7FW_SIGTRAN_B_APP	439		1	10.219.210.68	10.219.210.65			
WAFWAPP04	GC9Q1L2	VLAN-ILO	428	1	1	10.221.2.199	10.221.2.195	iDRAC		
		VLAN-MGT	429	2	1			bond0(em1, p1p1)		
		SS7FW4_P2P_EXTERNAL	448	1	4	10.221.2.215 10.219.10.102 92.60.135.199 10.219.10.148 10.219.10.157	10.219.10.101	em3		
		SS7FW4_P2P_EXTERNAL	447	1	3	10.219.210.102 92.60.135.215 10.219.210.148	10.219.210.101	p1p3		
		VLAN-INTERNAL (L2)	440		1	10.10.0.4	N/A	bond1(em2, p2p1)		trunk
		VLAN-BACKEND	419	2	1	10.222.8.231	10.222.8.227			
		SS7FW4_A_IO	426	1	8	10.219.10.82 10.3.149.2	10.219.10.81	em4		
		SS7FW4_A_IO	436	1	7	10.219.210.82 10.219.232.92	10.219.210.81	p2p1		
		DIAMETER_A	450	1	1	10.219.10.117	10.219.10.113	p1p2		
		SS7FW_SIGTRAN_A_APP	438		1	10.219.10.69	10.219.10.65			
		DIAMETER_B	451	1	1	10.219.210.117	10.219.210.113	p2p2		
		SS7FW_SIGTRAN_B_APP	439		1	10.219.210.69	10.219.210.65			
WAFWOAM01	GC7Q1L2	VLAN-ILO	428	1	1	10.221.2.200	10.221.2.195	iDRAC		
		VLAN-MGT	429	2	1			bond0(em1, p1p1)		
		VLAN-INTERNAL (L2)	440		1	10.10.0.5	N/A	bond1(em2, p1p2)		trunk
		VLAN-BACKEND	419	2	1	10.222.8.232	10.222.8.227			
WAFWOAM02	GC5Q1L2	VLAN-ILO	428	1	1	10.221.2.201	10.221.2.195	iDRAC		
		VLAN-MGT	429	2	1			bond0(em1, p1p1)		
		VLAN-INTERNAL (L2)	440		1	10.10.0.6	N/A	bond1(em2, p1p2)		trunk
		VLAN-BACKEND	419	2	1	10.222.8.233	10.222.8.227			
WAFWAPP05	JFVJ344	VLAN-ILO	428	1	1	10.221.2.202	10.221.2.195	iDRAC		
		VLAN-MGT	429	2	1			bond0(eno12399, ens3f0)		
		VLAN-INTERNAL (L2)	440		1	10.10.0.9	N/A	bond1(eno12409, ens3f1)		
		VLAN-BACKEND	419	2	1	10.222.8.234	10.222.8.227			
		SIP_EXTERNAL	452	2	1	10.219.111.100 10.219.111.101	10.219.111.99	bond2(eno12419, ens3f2)		
		SIP_INTERNAL	453	2	1	10.219.111.116 10.219.111.117	10.219.111.115	bond3(eno12429, ens3f3)		
WAFWAPP06	4GVJ344	VLAN-ILO	428	1	1	10.221.2.203	10.221.2.195	iDRAC		
		VLAN-MGT	429	2	1			bond0(eno12399, ens3f0)		
		VLAN-INTERNAL (L2)	440		1	10.10.0.10	N/A	bond1(eno12409, ens3f1)		
		VLAN-BACKEND	419	2	1	10.222.8.235	10.222.8.227			
		SIP_EXTERNAL	452	2	1	10.219.111.102 10.219.111.103	10.219.111.99	bond2(eno12419, ens3f2)		
		SIP_INTERNAL	453	2	1	10.219.111.118 10.219.111.119	10.219.111.115	bond3(eno12429, ens3f3)		
WAFWAPP07	3GVJ344	VLAN-ILO	428	1	1	10.221.2.204	10.221.2.195	iDRAC		
		VLAN-MGT	429	2	1			bond0(eno12399, ens3f0)		
		VLAN-INTERNAL (L2)	440		1	10.10.0.11	N/A	bond1(eno12409, ens3f1)		
		VLAN-BACKEND	419	2	1	10.222.8.236	10.222.8.227			
		SIP_EXTERNAL	452	2	1	10.219.111.104 10.219.111.105	10.219.111.99	bond2(eno12419, ens3f2)		
		SIP_INTERNAL	453	2	1	10.219.111.120 10.219.111.121	10.219.111.115	bond3(eno12429, ens3f3)		
WAFWAPP08	1GVJ344	VLAN-ILO	428	1	1	10.221.2.205	10.221.2.195	iDRAC		
		VLAN-MGT	429	2	1			bond0(eno12399, ens3f0)		
		VLAN-INTERNAL (L2)	440		1	10.10.0.12	N/A	bond1(eno12409, ens3f1)		
		VLAN-BACKEND	419	2	1	10.222.8.237	10.222.8.227			
		SIP_EXTERNAL	452	2	1	10.219.111.106 10.219.111.107	10.219.111.99	bond2(eno12419, ens3f2)		
		SIP_INTERNAL	453	2	1	10.219.111.122 10.219.111.123	10.219.111.115	bond3(eno12429, ens3f3)		

ss7fw-app01-idrac switch1-port-01	WAFWAPP01(IDRAC)
ss7fw-app01-em1 switch1-port-04	WAFWAPP01(em1)
ss7fw-app01-p1p1 switch2-port-04	WAFWAPP01(p1p1)
ss7fw-app01-em2 switch1-port-05	WAFWAPP01(em2)
ss7fw-app01-p1p2 switch2-port-05	WAFWAPP01(p1p2)
ss7fw-app01-em3 patchpanel-port-01	WAFWAPP01(patch)
ss7fw-app01-p2p1 switch2- port-34	WAFWAPP01(p2p1)
ss7fw-app01-p2p2 switch1- port-34	WAFWAPP01(p2p2)
ss7fw-app01-p1p3 patchpanel-port-09	WAFWAPP01(patch)
ss7fw-app01-em4 patchpanel-port-02	WAFWAPP01(patch)
ss7fw-app01-p1p4 patchpanel-port-10	WAFWAPP01(p1p4)
ss7fw-app02-idrac switch1-port-02	WAFWAPP02(IDRAC)
ss7fw-app02-em1 switch1-port-06	WAFWAPP02(em1)
ss7fw-app02-p1p1 switch2-port-06	WAFWAPP02(p1p1)
ss7fw-app02-em2 switch1-port-07	WAFWAPP02(em2)
ss7fw-app02-p1p2 switch2-port-07	WAFWAPP02(p1p2)
ss7fw-app02-em3 patchpanel-port-03	WAFWAPP02(patch)
ss7fw-app02-p2p1 switch2- port-35	WAFWAPP02(p2p1)
ss7fw-app02-p2p2 switch1- port-35	WAFWAPP02(p2p2)
ss7fw-app02-p1p3 patchpanel-port-11	WAFWAPP02(patch)
ss7fw-app02-em4 patchpanel-port-04	WAFWAPP02(patch)
ss7fw-app02-p1p4 patchpanel-port-12	WAFWAPP02(patch)
ss7fw-app03-idrac switch2-port-01	WAFWAPP03(IDRAC)
ss7fw-app03-em1 switch1-port-08	WAFWAPP03(em1)
ss7fw-app03-p1p1 switch2-port-08	WAFWAPP03(p1p1)
ss7fw-app03-em2 switch1-port-09	WAFWAPP03(em2)
ss7fw-app03-p1p2 switch2-port-09	WAFWAPP03(p1p2)
ss7fw-app03-em3 patchpanel-port-05	WAFWAPP03(patch)
ss7fw-app03-p2p1 switch2- port-36	WAFWAPP03(p2p1)
ss7fw-app03-p2p2 switch1- port-36	WAFWAPP03(p2p2)
ss7fw-app03-p1p3 patchpanel-port-13	WAFWAPP03(patch)
ss7fw-app03-em4 patchpanel-port-06	WAFWAPP03(patch)
ss7fw-app03-p1p4 patchpanel-port-14	WAFWAPP03(patch)
ss7fw-app04-idrac switch2-port-02	WAFWAPP04(IDRAC)
ss7fw-app04-em1 switch1-port-10	WAFWAPP04(em1)
ss7fw-app04-p1p1 switch2-port-10	WAFWAPP04(p1p1)
ss7fw-app04-em2 switch1-port-11	WAFWAPP04(em2)
ss7fw-app04-p1p2 switch2-port-11	WAFWAPP04(p1p2)
ss7fw-app04-em3 patchpanel-port-07	WAFWAPP04(patch)
ss7fw-app04-p1p3 patchpanel-port-15	WAFWAPP04(patch)
ss7fw-app04-p2p1 switch2- port-37	WAFWAPP04(p2p1)
ss7fw-app04-p2p2 switch1- port-37	WAFWAPP04(p2p2)
ss7fw-app04-em4 patchpanel-port-08	WAFWAPP04(patch)
ss7fw-app04-p1p4 patchpanel-port-16	WAFWAPP04(patch)
ss7fw-cam01-idrac switch1-port-3	WAFWOAM01(IDRAC)
ss7fw-cam01-em1 switch1-port-12	WAFWOAM01(em1)
ss7fw-cam01-p1p1 switch2-port-12	WAFWOAM01(p1p1)
ss7fw-cam01-em2 switch1-port-13	WAFWOAM01(em2)
ss7fw-cam01-p1p2 switch2-port-13	WAFWOAM01(p1p2)
ss7fw-cam02-em1 switch1-port-14	WAFWOAM02(em1)
ss7fw-cam02-p1p1 switch2-port-14	WAFWOAM02(p1p1)
ss7fw-cam02-em2 switch1-port-15	WAFWOAM02(em2)
ss7fw-cam02-p1p2 switch2-port-15	WAFWOAM02(p1p2)
ss7fw-app05-idrac switch1-port-16	WAFWAPP05(IDRAC)
ss7fw-app05-eno12399 switch1-port-17	WAFWAPP05(eno12399)
ss7fw-app05-ena30 switch2-port-16	WAFWAPP05(ena30)
ss7fw-app05-eno12409 switch1-port-18	WAFWAPP05(eno12409)
ss7fw-app05-ena31 switch2-port-17	WAFWAPP05(ena31)
ss7fw-app05-eno12419 switch1-port-19	WAFWAPP05(eno12419)
ss7fw-app05-ena32 switch2-port-18	WAFWAPP05(ena32)
ss7fw-app05-eno12429 switch1-port-20	WAFWAPP05(eno12429)
ss7fw-app05-ena33 switch2-port-19	WAFWAPP05(ena33)
ss7fw-app06-idrac switch3-port-20	WAFWAPP06(IDRAC)
ss7fw-app06-eno12399 switch1-port-21	WAFWAPP06(eno12399)
ss7fw-app06-ena30 switch2-port-21	WAFWAPP06(ena30)
ss7fw-app06-eno12409 switch1-port-22	WAFWAPP06(eno12409)
ss7fw-app06-ena31 switch2-port-22	WAFWAPP06(ena31)
ss7fw-app06-eno12419 switch1-port-23	WAFWAPP06(eno12419)
ss7fw-app06-ena32 switch2-port-23	WAFWAPP06(ena32)
ss7fw-app06-eno12429 switch1-port-24	WAFWAPP06(eno12429)
ss7fw-app06-ena33 switch2-port-24	WAFWAPP06(ena33)
ss7fw-app07-idrac switch1-port-25	WAFWAPP07(IDRAC)
ss7fw-app07-eno12399 switch1-port-26	WAFWAPP07(eno12399)
ss7fw-app07-ena30 switch2-port-25	WAFWAPP07(ena30)
ss7fw-app07-eno12409 switch1-port-27	WAFWAPP07(eno12409)
ss7fw-app07-ena31 switch2-port-26	WAFWAPP07(ena31)
ss7fw-app07-eno12419 switch1-port-28	WAFWAPP07(eno12419)
ss7fw-app07-ena32 switch2-port-27	WAFWAPP07(ena32)
ss7fw-app07-eno12429 switch1-port-29	WAFWAPP07(eno12429)
ss7fw-app07-ena33 switch2-port-28	WAFWAPP07(ena33)
ss7fw-app08-idrac switch2-port-29	WAFWAPP08(IDRAC)
ss7fw-app08-eno12399 switch1-port-30	WAFWAPP08(eno12399)
ss7fw-app08-ena30 switch2-port-30	WAFWAPP08(ena30)
ss7fw-app08-eno12409 switch1-port-31	WAFWAPP08(eno12409)
ss7fw-app08-ena31 switch2-port-31	WAFWAPP08(ena31)
ss7fw-app08-eno12419 switch1-port-32	WAFWAPP08(eno12419)
ss7fw-app08-ena32 switch2-port-32	WAFWAPP08(ena32)
ss7fw-app08-eno12429 switch1-port-33	WAFWAPP08(eno12429)
ss7fw-app08-ena33 switch2-port-33	WAFWAPP08(ena33)

ws-c2960x-48ts-4 master																																													
1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	45	47																						
idrac1	idrac 5	em2	em2	em2	em2	em2	em2	eno12399	eno12419	eno12399	eno12419	eno12399	eno12419	eno12399	eno12419	eno12399	eno12419	WAFWAPP02(p2p2)	WAFWAPP04(p2p2)																										
idrac1	em1	em1	em1	em1	em1	em1	idrac6(app5)	eno12409	eno12429	eno12409	eno12429	eno12399	eno12419	eno12399	eno12419	WAFWAPP01(p2p2)	WAFWAPP03(p2p2)																												
2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48																						

ws-c2960x-48ts-4																																													
1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	45	47																						
idrac3	idrac 6	p1p2	p1p2	p1p2	p1p2	p1p2	p1p2	ena3f1	ena3f3	ena3f0	ena3f2	ena3f0	ena3f2	idrac10(app8)	ena3f1	ena3f3	WAFWAPP02(p2p1)	WAFWAPP04(p2p1)																											
2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48																						
idrac 4	p1p1	p1p1	p1p1	p1p1	p1p1	p1p1	ena3f0	ena3f2	idrac6(app6)	ena3f1	ena3f3	ena3f1	ena3f3	ena3f0	ena3f2	WAFWAPP01(p2p2)	WAFWAPP03(p2p1)																												

ws-c2960x-48ts-4 master																																													
1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	45	47																						
idrac1	idrac 5	em2	em2	em2	em2	em2	em2	eno12399	eno12419	eno12399	eno12419	idrac1(app7)	eno12409	eno12409	eno12409	eno12409	WAFWAPP02(p2p2)	WAFWAPP04(p2p2)																											
idrac1	em1	em1	em1	em1	em1	em1	idrac7(app5)	eno12409	eno12429	eno12409	eno12429	eno12399	eno12419	eno12399	eno12419	WAFWAPP01(p2p2)	WAFWAPP03(p2p2)																												
2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48																						

ws-c2960x-48ts-4																																																		
1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	45	47																											
idrac3	idrac 6	p1p2	p1p2	p1p2	p1p2	p1p2	p1p2	ena3f1	ena3f3	ena3f0	ena3f2	ena3f0	ena3f2	idrac10(app8)	ena3f1	ena3f3	WAFWAPP02(p2p1)	WAFWAPP04(p2p1)																																
2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48																											
idrac 4	p1p1	p1p1	p1p1	p1p1	p1p1	p1p1	ena3f0	ena3f2	idrac8(app6)	ena3f1	ena3f3	ena3f1	ena3f3	ena3f0	ena3f2	WAFWAPP01(p2p2)	WAFWAPP03(p2p1)																																	

Node	Serial No.	Network Name	VLAN No.	Physical ports	IP addresses	IP	GW	Device	Switch-Port	Comments
POFWAPP01	GC8W1L2	VLAN-ILO	428	1	1	10.222.162.196	10.222.162.195	iDRAC		
		VLAN-MGT	429	2	1	10.222.162.212	10.222.162.211	bond0(em1, p1p1)		
		SS7FW1_P2P_EXTERNAL ") SS7FW4_B_IO	442	1	3	10.219.30.90	10.219.30.89/30	em3	SW30310NX105 port1	
						92.60.135.226				
		SS7FW1_P2P_EXTERNAL	441	1	3	92.60.135.230	10.219.30.89/30	p1p3	SW30310NX106 port1	
						10.219.230.90				
						92.60.135.242				
		VLAN-INTERNAL (L2)	440	2	1	10.10.1.1	N/A	bond1(em2, p2p1)		trunk
		VLAN-BACKEND	419		1	10.222.168.228	10.222.168.227			
		SS7FW1_A_IO	420	1	10	10.219.30.82	10.219.30.81	em4	SW30310NX105 port2	
		SS7FW1_B_IO	430	1	10	31.0.186.17		p1p4	SW30310NX106 port2	
						10.219.230.82	10.219.230.81			
POFWAPP02	GC8Y1L2	DIAMETER_A	450	1	1	10.219.30.114	10.219.30.113	p1p2	SW30310NX105 port9	
		SS7FW_SIGTRAN_A_APP	438	1	1	10.219.30.66	10.219.30.65			
		DIAMETER_B	451	1	1	10.219.230.114	10.219.230.113	p2p2	SW30310NX106 port9	
		SS7FW_SIGTRAN_B_APP	439	1	1	10.219.230.66	10.219.230.65			
		VLAN-ILO	428	1	1	10.222.162.197	10.222.162.195	iDRAC		
		VLAN-MGT	429	2	1	10.222.162.213	10.222.162.211	bond0(em1, p1p1)		
		SS7FW2_P2P_EXTERNAL	444	1	3	10.219.30.94		em3	SW30310NX105 port3	
						92.60.135.227				
						92.60.135.231				
		SS7FW2_P2P_EXTERNAL	443	1	3	10.219.230.94		p1p3	SW30310NX106 port3	
						92.60.135.243				
						92.60.135.247				
		VLAN-INTERNAL (L2)	440	2	1	10.10.1.2	N/A	bond1(em2, p2p1)		trunk
		VLAN-BACKEND	419		1	10.222.168.229	10.222.168.227			
		SS7FW2_A_IO	422	1	10	10.219.30.82	10.219.30.81	em4	SW30310NX105 port4	
		SS7FW2_B_IO	432	1	10	31.0.186.13		p1p4	SW30310NX106 port4	
POFWAPP03	GC9R1L2					10.219.230.82	10.219.230.81			
		DIAMETER_A	450	1	1	10.219.30.115	10.219.30.113	p1p2	SW30310NX105 port10	
		SS7FW_SIGTRAN_A_APP	438	1	1	10.219.30.67	10.219.30.65			
		DIAMETER_B	451	1	1	10.219.230.115	10.219.230.113	p2p2	SW30310NX106 port10	
		SS7FW_SIGTRAN_B_APP	439	1	1	10.219.230.67	10.219.230.65			
		VLAN-ILO	428	1	1	10.222.162.198	10.222.162.195	iDRAC		
		VLAN-MGT	429	2	1	10.222.162.214	10.222.162.211	bond0(em1, p1p1)		
		SS7FW3_P2P_EXTERNAL	446	1	5	10.219.30.98		em3	SW30310NX105 port5	
						92.60.135.228				
						31.0.187.34				
						10.219.30.7				
		SS7FW3_P2P_EXTERNAL	445	1	3	10.219.30.9	10.219.230.97	p1p3	SW30310NX106 port5	
						10.219.230.98				
						92.60.135.244				
						31.0.187.50				
		VLAN-INTERNAL (L2)	440	2	1	10.10.1.3	N/A	bond1(em2, p2p1)		trunk
		VLAN-BACKEND	419		1	10.222.168.230	10.222.168.227			
		SS7FW3_A_IO	424	1	10	10.219.30.82	10.219.30.81	em4	SW30310NX105 port6	
POFWAPP04	GC8X1L2					10.3.148.2		p1p4	SW30310NX106 port6	
		SS7FW3_B_IO	434	1	9	10.219.232.92	10.219.230.81			
		DIAMETER_A	450	1	1	10.219.30.116	10.219.30.113	p1p2	SW30310NX105 port11	
		SS7FW_SIGTRAN_A_APP	438	1	1	10.219.30.68	10.219.30.65			
		DIAMETER_B	451	1	1	10.219.230.116	10.219.230.113	p2p2	SW30310NX106 port11	
		SS7FW_SIGTRAN_B_APP	439	1	1	10.219.230.68	10.219.230.65			
		VLAN-ILO	428	1	1	10.222.162.199	10.222.162.195	iDRAC		
		VLAN-MGT	429	2	1	10.222.162.215	10.222.162.211	bond0(em1, p1p1)		
		SS7FW4_P2P_EXTERNAL	448	1	4	10.219.30.102	10.219.30.101	em3	SW30310NX105 port7	
						92.60.135.229				
						10.219.30.8				
						10.219.30.14				
		SS7FW4_P2P_EXTERNAL	447	1	3	10.219.230.102	10.219.230.101	p1p3	SW30310NX106 port7	
						92.60.135.245				
						10.219.230.8				
		VLAN-INTERNAL (L2)	440	2	1	10.10.1.4	N/A	bond1(em2, p2p1)		trunk
		VLAN-BACKEND	419		1	10.222.168.231	10.222.168.227			
		SS7FW4_A_IO	426	1	8	10.219.30.82	10.219.30.81	em4	SW30310NX105 port8	
		SS7FW4_B_IO	436	1	7	10.3.149.2		p1p4	SW30310NX106 port8	
POFWOAM01	GC6Y1L2					10.219.232.92	10.219.230.81			
		DIAMETER_A	450	1	1	10.219.30.117	10.219.30.113	p1p2	SW30310NX105 port12	
		SS7FW_SIGTRAN_A_APP	438	1	1	10.219.30.69	10.219.30.65			
		DIAMETER_B	451	1	1	10.219.230.117	10.219.230.113	p2p2	SW30310NX106 port12	
		SS7FW_SIGTRAN_B_APP	439	1	1	10.219.230.69	10.219.230.65			
		VLAN-ILO	428	1	1	10.222.162.200	10.222.162.195	iDRAC		
		VLAN-MGT	429	2	1	10.222.162.216	10.222.162.211	bond0(em1, p1p1)		
		VLAN-INTERNAL (L2)	440	2	1	10.10.1.5	N/A	bond1(em2, p1p2)		trunk
		VLAN-BACKEND	419		1	10.222.168.232	10.222.168.227			
		VLAN-ILO	428	1	1	10.222.162.201	10.222.162.195	iDRAC		
		VLAN-MGT	429	2	1	10.222.162.217	10.222.162.211	bond0(em1, p1p1)		
		VLAN-INTERNAL (L2)	440	2	1	10.10.1.6	N/A	bond1(em2, p1p2)		trunk
POFWAPP05	5GVJ344	VLAN-BACKEND	419		1	10.222.168.233	10.222.168.227			
		VLAN-ILO	428	1	1	10.222.162.202	10.222.162.195	iDRAC		
		VLAN-MGT	429	2	1	10.222.162.20	10.222.162.19	bond0(eno12399, ens3f0)		
		VLAN-INTERNAL (L2)	440	2	1	10.10.1.9	N/A	bond1(eno12409, ens3f1)		
		VLAN-BACKEND	419		1	10.222.168.234	10.222.168.227			
		SIP_EXTERNAL	452	2	1	10.219.112.100	10.219.112.99	bond2(eno12419, ens3f2)		
POFWAPP06	2GVJ344	SIP_INTERNAL	453	2	1	10.219.112.116	10.219.112.115	bond3(eno12429, ens3f3)		
		VLAN-ILO	428	1	1	10.219.112.117	10.219.112.115	bond3(eno12429, ens3f3)		
		VLAN-MGT	429	2	1	10.222.162.203	10.222.162.195	iDRAC		
		VLAN-INTERNAL (L2)	440	2	1	10.222.162.21	10.222.162.19	bond0(eno12399, ens3f0)		
		VLAN-BACKEND	419		1	10.10.1.10	N/A	bond1(eno12409, ens3f1)		
		SIP_EXTERNAL	452	2	1	10.222.168.235	10.222.168.227	bond2(eno12419, ens3f2)		
POFWAPP07	7GVJ344	SIP_INTERNAL	453	2	1	10.219.112.102	10.219.112.99	bond2(eno12419, ens3f2)		
		VLAN-ILO	428	1	1	10.219.112.104	10.219.112.105	bond3(eno12429, ens3f3)		
		VLAN-MGT	429	2	1	10.219.112.105	10.219.112.115	bond3(eno12429, ens3f3)		
		VLAN-INTERNAL (L2)	440	2	1	10.219.112.106	10.219.112.120	bond0(eno12399, ens3f0)		
		VLAN-BACKEND	419		1	10.10.1.11	N/A	bond1(eno12409, ens3f1)		
		SIP_EXTERNAL	452	2	1	10.222.168.236	10.222.168.227	bond2(eno12419, ens3f2)		
POFWAPP08	6GVJ344	SIP_INTERNAL	453	2	1	10.219.112.107	10.219.112.106	bond2(eno12419, ens3f2)		
		VLAN-ILO	428	1	1	10.219.112.121	10.219.112.121	bond3(eno12429, ens3f3)		
		VLAN-MGT	429	2	1	10.222.162.205	10.222.162.195	iDRAC		
		VLAN-INTERNAL (L2)	440	2	1	10.222.162.23	10.222.162.19	bond0(eno12399, ens3f0)		
		VLAN-BACKEND	419		1	10.10.1.12	N/A	bond1(eno12409, ens3f1)		
		SIP_EXTERNAL	452	2	1	10.222.168.237	10.222.168.227	bond2(eno12419, ens3f2)		

5GVJ344	RYM443WWYHKY	10.0.0.21
2GVJ344	NWMFAWXMKPYH	10.0.0.24
7GVJ344	KEVNR3EVH3NK	10.0.0.22
6GVJ344	N4HKREXNKPFE	10.0.0.240

ss7fw-app01-idrac switch1-port-01	POFWAPP01(IDRAC)
ss7fw-app01-em1 switch1-port-04	POFWAPP01(em1)
ss7fw-app01-p1p1 switch2-port-04	POFWAPP01(p1p1)
ss7fw-app01-em2 switch1-port-05	POFWAPP01(em2)
ss7fw-app01-p1p2 switch2-port-05	POFWAPP01(p1p2)
ss7fw-app01-em3 patchpanel-port-01	POFWAPP01(patch)
ss7fw-app01-p1p3 patchpanel-port-09	POFWAPP01(patch)
ss7fw-app01-em4 patchpanel-port-02	POFWAPP01(patch)
ss7fw-app01-p1p4 patchpanel-port-10	POFWAPP01(patch)
ss7fw-app02-idrac switch1-port-02	POFWAPP02(IDRAC)
ss7fw-app02-em1 switch1-port-06	POFWAPP02(em1)
ss7fw-app02-p1p1 switch2-port-06	POFWAPP02(p1p1)
ss7fw-app02-em2 switch1-port-07	POFWAPP02(em2)
ss7fw-app02-p1p2 switch2-port-07	POFWAPP02(p1p2)
ss7fw-app02-em3 patchpanel-port-03	POFWAPP02(patch)
ss7fw-app02-p1p3 patchpanel-port-11	POFWAPP02(patch)
ss7fw-app02-em4 patchpanel-port-04	POFWAPP02(patch)
ss7fw-app02-p1p4 patchpanel-port-12	POFWAPP02(patch)
ss7fw-app03-idrac switch2-port-01	POFWAPP03(IDRAC)
ss7fw-app03-em1 switch1-port-08	POFWAPP03(em1)
ss7fw-app03-p1p1 switch2-port-08	POFWAPP03(p1p1)
ss7fw-app03-em2 switch1-port-09	POFWAPP03(em2)
ss7fw-app03-p1p2 switch2-port-09	POFWAPP03(p1p2)
ss7fw-app03-em3 patchpanel-port-05	POFWAPP03(patch)
ss7fw-app03-p1p3 patchpanel-port-13	POFWAPP03(patch)
ss7fw-app03-em4 patchpanel-port-06	POFWAPP03(patch)
ss7fw-app03-p1p4 patchpanel-port-14	POFWAPP03(patch)
ss7fw-app04-idrac switch2-port-02	POFWAPP04(IDRAC)
ss7fw-app04-em1 switch1-port-10	POFWAPP04(em1)
ss7fw-app04-p1p1 switch2-port-10	POFWAPP04(p1p1)
ss7fw-app04-em2 switch1-port-11	POFWAPP04(em2)
ss7fw-app04-p1p2 switch2-port-11	POFWAPP04(p1p2)
ss7fw-app04-em3 patchpanel-port-07	POFWAPP04(patch)
ss7fw-app04-p1p3 patchpanel-port-15	POFWAPP04(patch)
ss7fw-app04-em4 patchpanel-port-08	POFWAPP04(patch)
ss7fw-app04-p1p4 patchpanel-port-16	POFWAPP04(patch)
ss7fw-oam01-idrac switch1-port-3	POFWOAM01(IDRAC)
ss7fw-oam01-em1 switch1-port-12	POFWOAM01(em1)
ss7fw-oam01-p1p1 switch2-port-12	POFWOAM01(p1p1)
ss7fw-oam01-em2 switch1-port-13	POFWOAM01(em2)
ss7fw-oam01-p1p2 switch2-port-13	POFWOAM01(p1p2)
ss7fw-oam02-idrac switch2-port-3	POFWOAM02(IDRAC)
ss7fw-oam02-em1 switch1-port-14	POFWOAM02(em1)
ss7fw-oam02-p1p1 switch2-port-14	POFWOAM02(p1p1)
ss7fw-oam02-em2 switch1-port-15	POFWOAM02(em2)
ss7fw-oam02-p1p2 switch2-port-15	POFWOAM02(p1p2)
ss7fw-app05-idrac switch1-port-16	POFWAPP05(IDRAC)
ss7fw-app05-em12399 switch1-port-17	POFWAPP05(eno12399)
ss7fw-app05-ens3f0 switch2-port-16	POFWAPP05(ens3f0)
ss7fw-app05-eno12409 switch1-port-18	POFWAPP05(eno12409)
ss7fw-app05-ens3f1 switch2-port-17	POFWAPP05(ens3f1)
ss7fw-app05-eno12419 switch1-port-19	POFWAPP05(eno12419)
ss7fw-app05-ens3f2 switch2-port-18	POFWAPP05(ens3f2)
ss7fw-app05-eno12429 switch1-port-20	POFWAPP05(eno12429)
ss7fw-app05-ens3f3 switch2-port-19	POFWAPP05(ens3f3)
ss7fw-app06-idrac switch2-port-20	POFWAPP06(IDRAC)
ss7fw-app06-eno12399 switch1-port-21	POFWAPP06(eno12399)
ss7fw-app06-ens3f0 switch2-port-21	POFWAPP06(ens3f0)
ss7fw-app06-eno12409 switch1-port-22	POFWAPP06(eno12409)
ss7fw-app06-ens3f1 switch2-port-22	POFWAPP06(ens3f1)
ss7fw-app06-eno12419 switch1-port-23	POFWAPP06(eno12419)
ss7fw-app06-ens3f2 switch2-port-23	POFWAPP06(ens3f2)
ss7fw-app06-eno12429 switch1-port-24	POFWAPP06(eno12429)
ss7fw-app06-ens3f3 switch2-port-24	POFWAPP06(ens3f3)
ss7fw-app07-idrac switch1-port-25	POFWAPP07(IDRAC)
ss7fw-app07-eno12399 switch1-port-26	POFWAPP07(eno12399)
ss7fw-app07-ens3f0 switch2-port-25	POFWAPP07(ens3f0)
ss7fw-app07-eno12409 switch1-port-27	POFWAPP07(eno12409)
ss7fw-app07-ens3f1 switch2-port-26	POFWAPP07(ens3f1)
ss7fw-app07-eno12419 switch1-port-28	POFWAPP07(eno12419)
ss7fw-app07-ens3f2 switch2-port-27	POFWAPP07(ens3f2)
ss7fw-app07-eno12429 switch1-port-29	POFWAPP07(eno12429)
ss7fw-app07-ens3f3 switch2-port-28	POFWAPP07(ens3f3)
ss7fw-app08-idrac switch2-port-29	POFWAPP08(IDRAC)
ss7fw-app08-eno12399 switch1-port-30	POFWAPP08(eno12399)
ss7fw-app08-ens3f0 switch2-port-30	POFWAPP08(ens3f0)
ss7fw-app08-eno12409 switch1-port-31	POFWAPP08(eno12409)
ss7fw-app08-ens3f1 switch2-port-31	POFWAPP08(ens3f1)
ss7fw-app08-eno12419 switch1-port-32	POFWAPP08(eno12419)
ss7fw-app08-ens3f2 switch2-port-32	POFWAPP08(ens3f2)
ss7fw-app08-eno12429 switch1-port-33	POFWAPP08(eno12429)
ss7fw-app08-ens3f3 switch2-port-33	POFWAPP08(ens3f3)



ws-c2960x-48ts-l-master																																															
1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	45	47																								
ldrac1	ldrac 5	em2	em2	em2	em2	em2	em2	eno12399	eno12419	eno12399	eno12419	ldrac9(app7)	eno12409	eno12429	eno12409	eno12429	POFWAPP3	POFWAPP04	cp2p2																												
ldrac2	em1	em1	em1	em1	em1	em1	ldrac7(app5)	eno12409	eno12429	eno12409	eno12429	eno12399	eno12419	eno12399	eno12419	eno12399	POFWAPP3	POFWAPP03	p3p2																												
2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48																								

ws-c2960x-48ts-l																																															
1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	45	47																								
ldrac3	ldrac 6	p1p2	p1p2	p1p2	p1p2	p1p2	p1p2	ens3f1	ens3f3	ens3f0	ens3f2	ens3f0	ens3f2	ldrac10(app8)	ens3f1	ens3f3	POFWARP	POFWARP04(p2p1)																													
ldrac 4	p1p1	p1p1	p1p1	p1p1	p1p1	p1p1	ens3f0	ens3f2	ldrac8(app6)	ens3f1	ens3f3	ens3f1	ens3f3	ens3f0	ens3f2	POFWARP	POFWARP03(p2p1)																														
2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48																								

ws-c2960x-48ts-l master																																															
1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	45	47																								
ldrac1	ldrac 5	em2	em2	em2	em2	em2	em2	eno12399	eno12419	eno12399	eno12419	ldrac9(app7)	eno12409	eno12429	eno12409	eno12429	POFWAR	POFWARPP03(p28)	POFWARPP04(p29)																												
ldrac2	em1	em1	em1	em1	em1	em1	ldrac7(app5)	eno12409	eno12429	eno12409	eno12429	eno12399	eno12419	eno12399	eno12419	eno12399	POFWAR	POFWARPP03(p28)	POFWARPP04(p29)																												
2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48																								

ws-c2960x-48ts-l																																															
1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	45	47																								
ldrac3	ldrac 6	p1p2	p1p2	p1p2	p1p2	p1p2	p1p2	ens3f1	ens3f3	ens3f0	ens3f2	ens3f0	ens3f2	ldrac10(app8)	ens3f1	ens3f3	POFWAPP	POFWAPP04(p2p1)																													
ldrac 4	p1p1	p1p1	p1p1	p1p1	p1p1	p1p1	ens3f0	ens3f2	ldrac8(app6)	ens3f1	ens3f3	ens3f1	ens3f3	ens3f0	ens3f2	POFWAPP	POFWAPP03(p2p1)																														
2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48																								

Production Environment

No.	Network name	Purpose	Needed IP addresses per site	Site: Warszawa				Site: Poznań			
				VLAN Number	Network/Netmask	Gateway address	IP for hosts	VLAN Number	Network/Netmask	Gateway address	IP for hosts
1	VLAN-MGT	O&M, OSS, EDR	8	429	10.221.2.208/28	10.221.2.211	10.221.2.212-222	421	10.222.162.208/28	10.222.162.211	10.222.162.212-222
2	SS7FW_SIGTRAN_A_APP	SS7FW - HLR - SIGTRAN	4	438	10.219.10.64/28	10.219.10.65	10.219.10.66-78	438	10.219.30.64/28	10.219.30.65	10.219.30.66-78
3	SS7FW_SIGTRAN_B_APP	SS7FW - HLR - SIGTRAN	4	439	10.219.210.64/28	10.219.210.65	10.219.210.66-78	439	10.219.230.64/28	10.219.230.65	10.219.230.66-78
4	SS7FW1_P2P_EXTERNAL	SS7FW -> Carriers	1	442	10.219.10.88/30	10.219.10.89	10.219.10.90	442	10.219.30.88/30	10.219.30.89	10.219.30.90
5	SS7FW1_P2P_EXTERNAL	SS7FW -> Carriers	1	441	10.219.210.88/30	10.219.210.89	10.219.210.90	441	10.219.230.88/30	10.219.230.89	10.219.230.90
6	SS7FW2_P2P_EXTERNAL	SS7FW -> Carriers	1	444	10.219.10.92/30	10.219.10.93	10.219.10.94	444	10.219.30.92/30	10.219.30.93	10.219.30.94
7	SS7FW2_P2P_EXTERNAL	SS7FW -> Carriers	1	443	10.219.210.92/30	10.219.210.93	10.219.210.94	443	10.219.230.92/30	10.219.230.93	10.219.230.94
8	SS7FW3_P2P_EXTERNAL	SS7FW -> Carriers	1	446	10.219.10.96/30	10.219.10.97	10.219.10.98	446	10.219.30.96/30	10.219.30.97	10.219.30.98
9	SS7FW3_P2P_EXTERNAL	SS7FW -> Carriers	1	445	10.219.210.96/30	10.219.210.97	10.219.210.98	445	10.219.230.96/30	10.219.230.97	10.219.230.98
10	SS7FW4_P2P_EXTERNAL	SS7FW -> Carriers	1	448	10.219.10.100/30	10.219.10.101	10.219.10.102	448	10.219.30.100/30	10.219.30.101	10.219.30.102
11	SS7FW4_P2P_EXTERNAL	SS7FW -> Carriers	1	447	10.219.210.100/30	10.219.210.101	10.219.210.102	447	10.219.230.100/30	10.219.230.101	10.219.230.102
12	FWSS7APP1_SIG_A	SS7FW -> STP	1	420	10.219.10.80/30	10.219.10.81	10.219.10.82	420	10.219.30.80/30	10.219.30.81	10.219.30.82
13	FWSS7APP1_SIG_B	SS7FW -> STP	1	430	10.219.210.80/30	10.219.210.81	10.219.210.82	430	10.219.230.80/30	10.219.230.81	10.219.230.82
14	FWSS7APP2_SIG_A	SS7FW -> STP	1	422	10.219.10.80/30	10.219.10.81	10.219.10.82	422	10.219.30.80/30	10.219.30.81	10.219.30.82
15	FWSS7APP2_SIG_B	SS7FW -> STP	1	432	10.219.210.80/30	10.219.210.81	10.219.210.82	432	10.219.230.80/30	10.219.230.81	10.219.230.82
16	FWSS7APP3_SIG_A	SS7FW -> STP	1	424	10.219.10.80/30	10.219.10.81	10.219.10.82	424	10.219.30.80/30	10.219.30.81	10.219.30.82
17	FWSS7APP3_SIG_B	SS7FW -> STP	1	434	10.219.210.80/30	10.219.210.81	10.219.210.82	434	10.219.230.80/30	10.219.230.81	10.219.230.82
18	FWSS7APP4_SIG_A	SS7FW -> STP	1	426	10.219.10.80/30	10.219.10.81	10.219.10.82	426	10.219.30.80/30	10.219.30.81	10.219.30.82
19	FWSS7APP4_SIG_B	SS7FW -> STP	1	436	10.219.210.80/30	10.219.210.81	10.219.210.82	436	10.219.230.80/30	10.219.230.81	10.219.230.82
20	VLAN-BACKEND	SS7FW external communication	8	419	10.222.8.224/28	10.222.8.227	10.222.8.228-238	419	10.222.168.224/28	10.222.168.227	10.222.168.228-238
21	VLAN-ILO	iLO	6	428	10.221.2.192/28	10.221.2.195	10.221.2.196-206	420	10.222.162.192/28	10.222.162.195	10.222.162.196-206
22	VLAN-INTERNAL	Internal SS7FW communication	8	440	10.10.0.0/24		10.10.0.1-254	440	10.10.1.0/24		10.10.1.1-254
23	DIAMETER_A	Diameter	4								
24	DIAMETER_B	Diameter	4								
25	SIP_EXTERNAL	SIP	4								
26	SIP_INTERNAL	SIP	4								
27	VLAN-MGT (secondary)	O&M, OSS, EDR (APP5-8)	4	429	10.221.2.16/28	10.221.2.19	10.221.2.20-30	421	10.222.162.16/28	10.222.162.19	10.222.162.20-30

? - number of IP addresses depend on integration design that should be agreed during the project

Node	Serial No.	Network Name	VLAN No.	Physical ports	IP addresses	IP	GW	Device	Comments
ss7fwt1	4B4KZG2	ILO	850	1	1	10.218.23.68	10.218.23.65	iLO	
		MGMT	851	1	1	10.218.23.84	10.218.23.81	em1	/28
		INTERNAL	856	1	1	10.218.23.116	10.218.23.113	em2	/28
		SIP EXTERNAL	877	1	3	10.219.100.52	10.219.100.49	em3	/28
						10.219.100.54			/28
						10.219.100.55			/28
		SIP INTERNAL	878	1	3	10.219.110.68	10.219.110.65	em4	/28
						10.219.110.70			/28
			10.219.110.71				/28		
ss7fwt2	4B3KZG2	ILO	850	1	1	10.218.23.69	10.218.23.65	iLO	
		MGMT	851	1	1	10.218.23.85	10.218.23.81	em1	
		INTERNAL	856	1	1	10.218.23.117	10.218.23.113	em2	
		SIGTRAN DIAMETER A	875	1	1	10.219.0.234	10.219.0.233	em3	
		SIGTRAN SS7 A	852	1	2	10.219.0.82	10.219.0.81	em4	internal SS7 signaling path A
		SIGTRAN SS7 A	854			10.219.0.66	10.219.0.65		external SS7 signaling path A
		SIGTRAN DIAMETER B	876	1	1	10.219.200.234	10.219.200.233	p1p1	
		SIGTRAN SS7 B	853	1	2	10.219.200.82	10.219.200.81	p1p2	internal SS7 signaling path B
		SIGTRAN SS7 B	855			10.219.200.66	10.219.200.65		external SS7 signaling path B
		Total:				12	18		

[illegible]