

高エネルギー加速器研究機構 殿向け
入射器棟内ネットワーク
2005年夏 Catalyst追加作業
完成図書

平成16年9月26日

住友電設株式会社
情報通信システム事業部

版 履 歴

改版履歴表

版数	日付	変更内容	作成者
1.0	2004/9/26	1.0 版 作成	宮西

1. 概要

本件の概要について以下に示す。

導入場所

〒300-1295 茨城県つくば市大穂1 - 1 文部科学省 高エネルギー加速器研究機構 入射器棟

ご担当者様

古川 様

導入日時

2005年8月3日(水) 8月4日(木) 8月5日(金)

導入機器

CiscoSystems 社製 Catalyst2950-24	× 21 台
SMC 製 SMC-MCMRACK100-J2	× 16 台
SMC 製 SMC-MC201FMSC-J1	× 219 台

納品機器

CiscoSystems 社製 Catalyst2950-24	× 7 台
SMC 製 SMC-MC201FMSC-J1	× 40 台
松下ネットワークオペレーション社製 MNS008F	× 1 台

導入担当

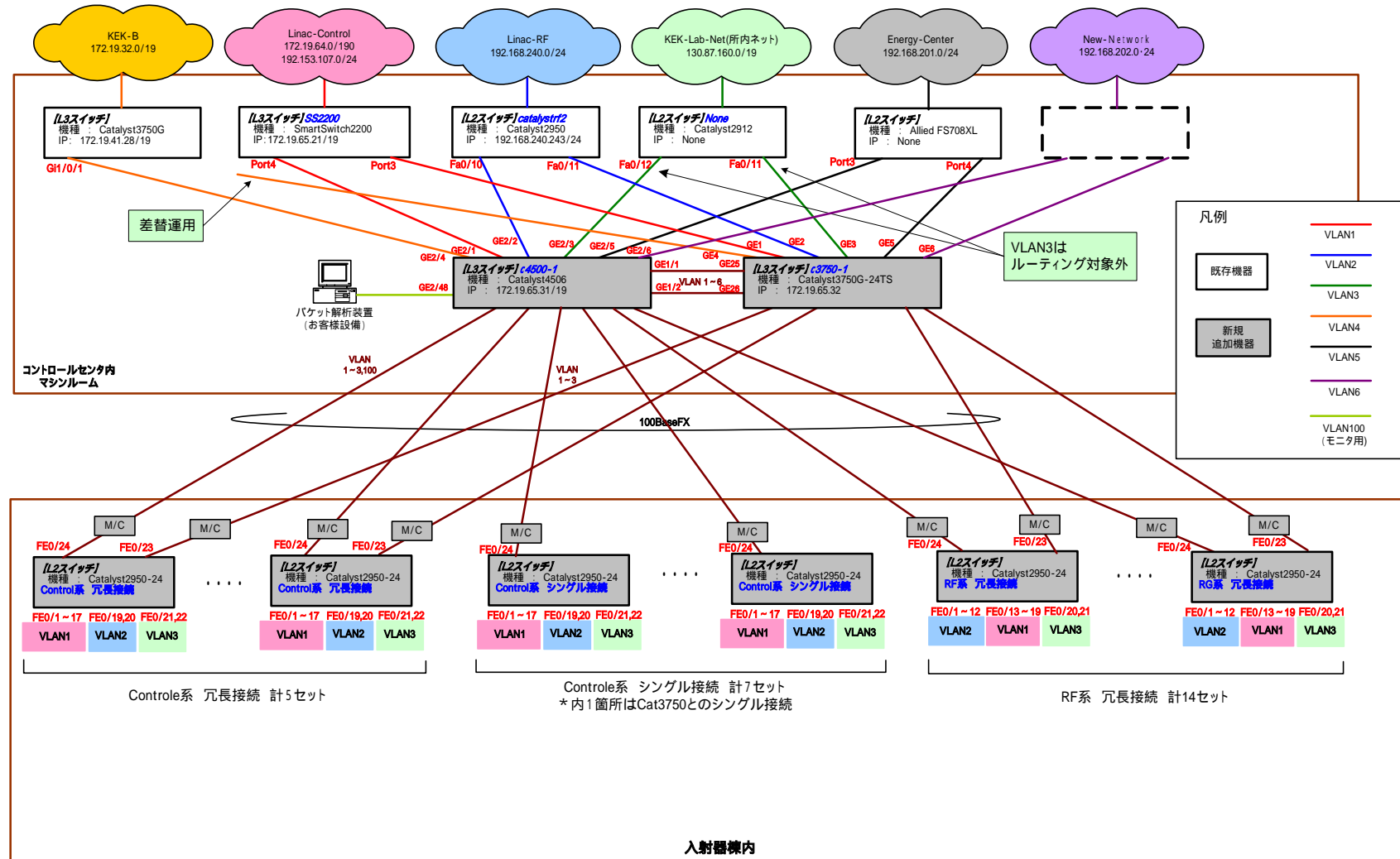
住友電設(株) 情報通信システム事業部 宮西, 宇野

2. 基本ポリシー

構築の基本ポリシーを以下に列記する。

- ・ Catalyst2950-24 21 台を既存ネットワークに追加・接続する。Catalyst2950-24 の内訳は、Controls 系の Catalyst2950 が 7 台 , RF 系の Catalyst2950 が 14 台である。
 - * Controls 系 : Port 1 ~ 17 VLAN1 , Port 19 ~ 20 VLAN2 , Port 21 ~ 22 VLAN3
 - * RF 系 : Port 19 ~ 20 VLAN1 , Port 1 ~ 17 VLAN2 , Port 21 ~ 22 VLAN3
- ・ 光空き芯数の関係で、Control 系の Catalyst は片系接続とする。第一副制御室は Cat3750 のみ接続。その他は Cat4506 のみの接続とする。
- ・ 新たな VLAN を作成し、その VLAN 経由で繋がる新しいネットワークの StaticRoute をコアスイッチ/サブコアスイッチに追記する。

3. ネットワーク構成図



4. ネットワーク接続表

1次側接続			2次側接続					
機器ホスト名	インターフェース	光パッチパネル	コンバータ名	インターフェース	機器ホスト名	機器IPアドレス	VLANタイプ	設置位置
c4500-1	fa3/1	6-A 7,8	MCR-01	Fa0/24	c2950-1	172.19.65.41	Controle	Monitor 6-A
c3750-1	Gi1/0/7	6-A 5,6		Fa0/23				
c4500-1	fa3/2	5-B 23,24	MCR-02	Fa0/24	c2950-2	172.19.65.42	Controle	Monitor 5-B
c3750-1	Gi1/0/8	5-B 21,22		Fa0/23				
c4500-1	fa3/3	RA 23,24	MCR-03	Fa0/24	c2950-3	172.19.65.43	Controle	Monitor R-A
c3750-1	Gi1/0/9	RA 21,22		Fa0/23				
c4500-1	fa3/4	ATS7,8	MCR-04	Fa0/24	c2950-4	172.19.65.44	Controle	Monitor ATS
c3750-1	Gi1/0/10	ATS5,6		Fa0/23				
c4500-1	fa3/14	C-A **,**	??	Fa0/24	c2950-5	172.19.65.45	RF	RF C-2
c3750-1	Fa2/0/11	C-A **,**		Fa0/23				
c4500-1	fa3/5	A-1 3,4	MC142	Fa0/24	c2950-6	172.19.65.46	Controle	Monitor A-A
c3750-1		A-1 5,6	MC143	Fa0/23				
c4500-1	fa3/6	A-B 23,24	MC144	Fa0/24	c2950-7	172.19.65.47	Controle	Monitor A-B
c3750-1				Fa0/23				
c4500-1	fa3/7	B-A 23,24	MC145	Fa0/24	c2950-8	172.19.65.48	Controle	Monitor B-A
c3750-1				Fa0/23				
c4500-1	fa3/8	B-B 23,24	MC146	Fa0/24	c2950-9	172.19.65.49	Controle	Monitor B-B
c3750-1				Fa0/23				
c4500-1	fa3/9	C-A 23,24	MC147	Fa0/24	c2950-10	172.19.65.50	Controle	Monitor C-A
c3750-1				Fa0/23				
c4500-1	fa3/10	C-B 23,24	MC148	Fa0/24	c2950-11	172.19.65.51	Controle	Monitor C-B
c3750-1				Fa0/23				
c4500-1				Fa0/24	c2950-12	172.19.65.52	Controle	第一副制御室
c3750-1	Fa2/0/7	1-1,1-2	MC149	Fa0/23				
c4500-1	fa3/11	A-A 19,20	MCR-07	Fa0/24	c2950-13	172.19.65.53	RF	RF A-2
c3750-1	Fa2/0/8	A-A 21,22		Fa0/23				
c4500-1	fa3/12	B-A 19,20	MCR-08	Fa0/24	c2950-14	172.19.65.54	RF	RF B-2
c3750-1	Fa2/0/9	B-A 21,22		Fa0/23				
c4500-1	fa3/13	B-B 19,20	MCR-09	Fa0/24	c2950-15	172.19.65.55	RF	RF B-6
c3750-1	Fa2/0/10	B-B 21,22		Fa0/23				
c4500-1	fa3/15	C-B 19,20	MCR-10	Fa0/24	c2950-16	172.19.65.56	RF	RF C-6
c3750-1	Fa2/0/12	C-B 21,22		Fa0/23				

1次側接続			2次側接続					
機器ホスト名	インターフェース	光パッチパネル	コンバータ名	インターフェース	機器ホスト名	機器IPアドレス	VLANタイプ	設置位置
c4500-1	fa3/16	1-A 19,20	MCR-11	Fa0/24	c2950-17	172.19.65.57	RF	RF 1-2
c3750-1	Fa2/0/13	1-A 21,22		Fa0/23				
c4500-1	fa3/17	1-B 19,20	MCR-12	Fa0/24	c2950-18	172.19.65.58	RF	RF 1-6
c3750-1	Fa2/0/14	1-B 21,22		Fa0/23				
c4500-1	fa3/18	1-B 19,20	MCR-13	Fa0/24	c2950-19	172.19.65.59	RF	RF 2-2
c3750-1	Fa2/0/15	1-B 21,22		Fa0/23				
c4500-1	fa3/19	2-A 19,20	MCR-14	Fa0/24	c2950-20	172.19.65.60	RF	RF 2-6
c3750-1	Fa2/0/16	2-A 21,22		Fa0/23				
c4500-1	fa3/20	3-A 19,20	MCR-15	Fa0/24	c2950-21	172.19.65.61	RF	RF 3-2
c3750-1	Fa2/0/17	3-A 21,22		Fa0/23				
c4500-1	fa3/21	3-B 19,20	MCR-16	Fa0/24	c2950-22	172.19.65.62	RF	RF 3-6
c3750-1	Fa2/0/18	3-B 21,22		Fa0/23				
c4500-1	fa3/22	4-A 19,20	MCR-17	Fa0/24	c2950-23	172.19.65.63	RF	RF 4-2
c3750-1	Fa2/0/19	4-A 21,22		Fa0/23				
c4500-1	fa3/23	4-B 19,20	MCR-18	Fa0/24	c2950-24	172.19.65.64	RF	RF 4-6
c3750-1	Fa2/0/20	4-B 21,22		Fa0/23				
c4500-1	fa3/24	5-A 19,20	MCR-19	Fa0/24	c2950-25	172.19.65.65	RF	RF 5-2
c3750-1	Fa2/0/21	5-A 21,22		Fa0/23				
c4500-1	fa3/25	5-B 13,14	MCR-20	Fa0/24	c2950-26	172.19.65.66	RF	RF 5-6
c3750-1	Fa2/0/22	5-B 15,16		Fa0/23				
				Fa0/24	c2950-27	172.19.65.67	Controle	未設置 (第二副制御室)
				Fa0/23				
				Fa0/24	c2950-28	172.19.65.68	Controle	未設置 (第三副制御室)
				Fa0/23				
				Fa0/24	c2950-29	172.19.65.69	Controle	未設置 (第四副制御室)
				Fa0/23				
				Fa0/24	c2950-30	172.19.65.70	Controle	未設置 (第五副制御室)
				Fa0/23				
				Fa0/24	c2950-31	172.19.65.71	Controle	未設置 (ABC副制御室)
				Fa0/23				
				Fa0/24	c2950-32	172.19.65.72	Controle	未設置 (Monitor 1-A)
				Fa0/23				
				Fa0/24	c2950-33	172.19.65.73	Controle	未設置 (Monitor 1-B)
				Fa0/23				

5 . 機器管理表

Switchingハブ

2005/3/11作成

機器管理番号	設置場所	機器名称	機器型番	Serial No.	Software Version	Host Name	備考
---	---	Catalyst2950-24	WS-C2950-24	FOC0903Z2UL	12.1(22)EA1b	c2950-6	VLAN1 : Port1 ~ 17 VLAN2 : Port19,20 VLAN3 : Port21,22
---	---	Catalyst2950-24	WS-C2950-24	FOC0902Y0P9	12.1(22)EA1b	c2950-7	VLAN1 : Port1 ~ 17 VLAN2 : Port19,20 VLAN3 : Port21,22
---	---	Catalyst2950-24	WS-C2950-24	FOC0902Y0KU	12.1(22)EA1b	c2950-8	VLAN1 : Port1 ~ 17 VLAN2 : Port19,20 VLAN3 : Port21,22
---	---	Catalyst2950-24	WS-C2950-24	FOC0902Z0MT	12.1(22)EA1b	c2950-9	VLAN1 : Port1 ~ 17 VLAN2 : Port19,20 VLAN3 : Port21,22
---	---	Catalyst2950-24	WS-C2950-24	FOC0902Z09T	12.1(22)EA1b	c2950-10	VLAN1 : Port1 ~ 17 VLAN2 : Port19,20 VLAN3 : Port21,22
---	---	Catalyst2950-24	WS-C2950-24	FOC0902Z1QB	12.1(22)EA1b	c2950-11	VLAN1 : Port1 ~ 17 VLAN2 : Port19,20 VLAN3 : Port21,22
---	---	Catalyst2950-24	WS-C2950-24	FOC0902Y0KX	12.1(22)EA1b	c2950-12	VLAN1 : Port1 ~ 17 VLAN2 : Port19,20 VLAN3 : Port21,22
---	---	Catalyst2950-24	WS-C2950-24	FOC0902Z1FA	12.1(22)EA1b	c2950-13	VLAN1 : Port1 ~ 17 VLAN2 : Port19,20 VLAN3 : Port21,22
---	---	Catalyst2950-24	WS-C2950-24	FOC0902Y0K2	12.1(22)EA1b	c2950-14	VLAN1 : Port1 ~ 17 VLAN2 : Port19,20 VLAN3 : Port21,22
---	---	Catalyst2950-24	WS-C2950-24	FOC0902Y0P6	12.1(22)EA1b	c2950-15	VLAN1 : Port1 ~ 17 VLAN2 : Port19,20 VLAN3 : Port21,22
---	---	Catalyst2950-24	WS-C2950-24	FOC0902Y0PZ	12.1(22)EA1b	c2950-16	VLAN1 : Port19,20 VLAN2 : Port1 ~ 17 VLAN3 : Port21,22

Switchingハブ

2005/3/11作成

機器管理番号	設置場所	機器名称	機器型番	Serial No.	Software Version	Host Name	備考
---	---	Catalyst2950-24	WS-C2950-24	FOC0902Z0MU	12.1(22)EA1b	c2950-17	VLAN1:Port19,20 VLAN2:Port1~17 VLAN3:Port21,22
---	---	Catalyst2950-24	WS-C2950-24	FOC0902Z0RP	12.1(22)EA1b	c2950-18	VLAN1:Port19,20 VLAN2:Port1~17 VLAN3:Port21,22
---	---	Catalyst2950-24	WS-C2950-24	FOC0903T0FL	12.1(22)EA1b	c2950-19	VLAN1:Port19,20 VLAN2:Port1~17 VLAN3:Port21,22
---	---	Catalyst2950-24	WS-C2950-24	FOC0903S0CP	12.1(22)EA1b	c2950-20	VLAN1:Port19,20 VLAN2:Port1~17 VLAN3:Port21,22
---	---	Catalyst2950-24	WS-C2950-24	FOC0902Z0SH	12.1(22)EA1b	c2950-21	VLAN1:Port19,20 VLAN2:Port1~17 VLAN3:Port21,22
---	---	Catalyst2950-24	WS-C2950-24	FOC0903T0GG	12.1(22)EA1b	c2950-22	VLAN1:Port19,20 VLAN2:Port1~17 VLAN3:Port21,22
---	---	Catalyst2950-24	WS-C2950-24	FOC0902Y0PV	12.1(22)EA1b	c2950-23	VLAN1:Port19,20 VLAN2:Port1~17 VLAN3:Port21,22
---	---	Catalyst2950-24	WS-C2950-24	FOC0902Z0PJ	12.1(22)EA1b	c2950-24	VLAN1:Port19,20 VLAN2:Port1~17 VLAN3:Port21,22
---	---	Catalyst2950-24	WS-C2950-24	FOC0903Z2RL	12.1(22)EA1b	c2950-25	VLAN1:Port19,20 VLAN2:Port1~17 VLAN3:Port21,22
---	---	Catalyst2950-24	WS-C2950-24	FOC0902Z0MS	12.1(22)EA1b	c2950-26	VLAN1:Port19,20 VLAN2:Port1~17 VLAN3:Port21,22

メディアコンバータ・ラック

機器管理番号	設置場所	機器名称	機器型番	Serial No.	Software Version	Host Name	備考
MCR-06		SMC MediaConverter Rack(16slot)	SMC-MCMRACK100-J2	052MC20501B3	---	---	
MCR-07		SMC MediaConverter Rack(16slot)	SMC-MCMRACK100-J2	052MC20508B3	---	---	
MCR-08		SMC MediaConverter Rack(16slot)	SMC-MCMRACK100-J2	052MC20509B3	---	---	
MCR-09		SMC MediaConverter Rack(16slot)	SMC-MCMRACK100-J2	052MC20507B3	---	---	
MCR-10		SMC MediaConverter Rack(16slot)	SMC-MCMRACK100-J2	052MC20506B3	---	---	
MCR-11		SMC MediaConverter Rack(16slot)	SMC-MCMRACK100-J2	051MC20517B3	---	---	
MCR-12		SMC MediaConverter Rack(16slot)	SMC-MCMRACK100-J2	052MC20503B3	---	---	
MCR-13		SMC MediaConverter Rack(16slot)	SMC-MCMRACK100-J2	051MC20512B3	---	---	
MCR-14		SMC MediaConverter Rack(16slot)	SMC-MCMRACK100-J2	052MC20505B3	---	---	
MCR-15		SMC MediaConverter Rack(16slot)	SMC-MCMRACK100-J2	052MC20502B3	---	---	
MCR-16		SMC MediaConverter Rack(16slot)	SMC-MCMRACK100-J2	052MC20504B3	---	---	

メディアコンバータ(コンバータラック組み込み)

機器管理番号	設置場所	機器名称	機器型番	Serial No.	Software Version	Host Name	備考
MC93		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14605C1	---	---	MCR-12に組込済
MC94		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14601C1	---	---	MCR-12に組込済
MC95		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14619C1	---	---	MCR-12に組込済
MC96		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14620C1	---	---	MCR-12に組込済
MC97		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14607C1	---	---	MCR-13に組込済
MC98		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14608C1	---	---	MCR-13に組込済
MC99		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14609C1	---	---	MCR-13に組込済
MC100		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14610C1	---	---	MCR-13に組込済
MC101		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14793C1	---	---	MCR-13に組込済
MC102		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14794C1	---	---	MCR-13に組込済
MC103		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14792C1	---	---	MCR-13に組込済
MC104		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14791C1	---	---	MCR-13に組込済
MC105		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14786C1	---	---	MCR-14に組込済
MC106		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14787C1	---	---	MCR-14に組込済
MC107		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14796C1	---	---	MCR-14に組込済
MC108		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14797C1	---	---	MCR-14に組込済
MC109		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14795C1	---	---	MCR-14に組込済
MC110		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14798C1	---	---	MCR-14に組込済
MC111		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14799C1	---	---	MCR-14に組込済
MC112		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14800C1	---	---	MCR-14に組込済
MC113		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14783C1	---	---	MCR-15に組込済
MC114		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14784C1	---	---	MCR-15に組込済
MC115		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14785C1	---	---	MCR-15に組込済
MC116		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14781C1	---	---	MCR-15に組込済
MC117		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14782C1	---	---	MCR-15に組込済
MC118		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14788C1	---	---	MCR-15に組込済
MC119		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14789C1	---	---	MCR-15に組込済
MC120		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14790C1	---	---	MCR-15に組込済
MC121		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14677C1	---	---	MCR-16に組込済
MC122		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14676C1	---	---	MCR-16に組込済
MC123		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14674C1	---	---	MCR-16に組込済
MC124		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14675C1	---	---	MCR-16に組込済
MC125		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14678C1	---	---	MCR-16に組込済
MC126		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14673C1	---	---	MCR-16に組込済
MC127		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14672C1	---	---	MCR-16に組込済
MC128		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14671C1	---	---	MCR-16に組込済

メディアコンバータ(単体)

機器管理番号	設置場所	機器名称	機器型番	Serial No.	Software Version	Host Name	備考
MC129		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14679C1	---	---	
MC130		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14680C1	---	---	
MC131		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14661C1	---	---	
MC132		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14662C1	---	---	
MC133		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14663C1	---	---	
MC134		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14664C1	---	---	
MC135		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14670C1	---	---	
MC136		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14665C1	---	---	
MC137		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14668C1	---	---	
MC138		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14669C1	---	---	
MC139		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14666C1	---	---	
MC140		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14667C1	---	---	
MC141		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14772C1	---	---	
MC142		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14771C1	---	---	
MC143		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14773C1	---	---	
MC144		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14774C1	---	---	
MC145		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14776C1	---	---	
MC146		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14775C1	---	---	
MC147		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14777C1	---	---	
MC148		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14778C1	---	---	
MC149		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14779C1	---	---	
MC150		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14780C1	---	---	
MC151		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14767C1	---	---	
MC152		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14766C1	---	---	
MC153		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14768C1	---	---	
MC154		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14769C1	---	---	
MC155		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14770C1	---	---	
MC156		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14765C1	---	---	
MC157		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14763C1	---	---	
MC158		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14764C1	---	---	
MC159		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14761C1	---	---	
MC160		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	051MC14762C1	---	---	

メディアコンバータ・ラック

機器管理番号	設置場所	機器名称	機器型番	Serial No.	Software Version	Host Name	備考
MCR-17		SMC MediaConverter Rack(16slot)	SMC-MCMRACK100-J2	052MC20515B3	---	---	
MCR-18		SMC MediaConverter Rack(16slot)	SMC-MCMRACK100-J2	052MC20514B3	---	---	
MCR-19		SMC MediaConverter Rack(16slot)	SMC-MCMRACK100-J2	052MC20522B3	---	---	
MCR-20		SMC MediaConverter Rack(16slot)	SMC-MCMRACK100-J2	052MC20511B3	---	---	
MCR-21		SMC MediaConverter Rack(16slot)	SMC-MCMRACK100-J2	052MC20517B3	---	---	

メディアコンバータ(コンバータラック組み込み)

機器管理番号	設置場所	機器名称	機器型番	Serial No.	Software Version	Host Name	備考
MC161		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14626C1	---	---	MCR-17に組込済
MC162		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14616C1	---	---	MCR-17に組込済
MC163		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	053MC14628C1	---	---	MCR-17に組込済
MC164		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	053MC14627C1	---	---	MCR-17に組込済
MC165		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	053MC14626C1	---	---	MCR-17に組込済
MC166		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14620C1	---	---	MCR-17に組込済
MC167		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14646C1	---	---	MCR-17に組込済
MC168		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	053MC14621C1	---	---	MCR-17に組込済
MC169		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	053MC14635C1	---	---	MCR-18に組込済
MC170		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	053MC14639C1	---	---	MCR-18に組込済
MC171		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	053MC14630C1	---	---	MCR-18に組込済
MC172		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	053MC14629C1	---	---	MCR-18に組込済
MC173		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	053MC14638C1	---	---	MCR-18に組込済
MC174		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	053MC15637C1	---	---	MCR-18に組込済
MC175		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	053MC14636C1	---	---	MCR-18に組込済
MC176		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	053MC14640C1	---	---	MCR-18に組込済
MC177		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14696C1	---	---	MCR-19に組込済
MC178		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14695C1	---	---	MCR-19に組込済
MC179		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	053MC14634C1	---	---	MCR-19に組込済
MC180		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	053MC14633C1	---	---	MCR-19に組込済
MC181		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14692C1	---	---	MCR-19に組込済
MC182		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14694C1	---	---	MCR-19に組込済
MC183		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	053MC14632C1	---	---	MCR-19に組込済
MC184		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	053MC14631C1	---	---	MCR-19に組込済
MC185		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14691C1	---	---	MCR-20に組込済
MC186		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14698C1	---	---	MCR-20に組込済
MC187		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14699C1	---	---	MCR-20に組込済
MC188		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14686C1	---	---	MCR-20に組込済
MC189		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14689C1	---	---	MCR-20に組込済
MC190		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14681C1	---	---	MCR-20に組込済
MC191		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14690C1	---	---	MCR-20に組込済
MC192		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14687C1	---	---	MCR-20に組込済
MC193		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14682C1	---	---	MCR-21に組込済
MC194		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14683C1	---	---	MCR-21に組込済
MC195		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14700C1	---	---	MCR-21に組込済
MC196		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14693C1	---	---	MCR-21に組込済
MC197		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14697C1	---	---	MCR-21に組込済
MC198		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14688C1	---	---	MCR-21に組込済
MC199		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14684C1	---	---	MCR-21に組込済
MC200		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14685C1	---	---	MCR-21に組込済

メディアコンバータ(単体)

機器管理番号	設置場所	機器名称	機器型番	Serial No.	Software Version	Host Name	備考
MC201		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14660C1	---	---	
MC202		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14650C1	---	---	
MC203		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14628C1	---	---	
MC204		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14624C1	---	---	
MC205		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	052MC14635C1	---	---	

Switchingハブ

機器管理番号	設置場所	機器名称	機器型番	Serial No.	Software Version	Host Name	備考
SSW01		EZ Switch 10/100 108F	SMC-EZ108F	037EZ10015	---	---	
SSW02		EZ Switch 10/100 108F	SMC-EZ108F	037EZ10016	---	---	
SSW03		EZ Switch 10/100 108F	SMC-EZ108F	037EZ10017	---	---	
SSW04		EZ Switch 10/100 108F	SMC-EZ108F	037EZ10018	---	---	
SSW05		EZ Switch 10/100 108F	SMC-EZ108F	037EZ10019	---	---	
SSW06		EZ Switch 10/100 108F	SMC-EZ108F	037EZ10020	---	---	
SSW07		EZ Switch 10/100 108F	SMC-EZ108F	037EZ10021	---	---	
SSW08		EZ Switch 10/100 108F	SMC-EZ108F	037EZ10022	---	---	
SSW09		EZ Switch 10/100 108F	SMC-EZ108F	037EZ10023	---	---	
SSW10		EZ Switch 10/100 108F	SMC-EZ108F	037EZ10024	---	---	
SSW11		EZ Switch 10/100 108F	SMC-EZ108F	037EZ10025	---	---	
SSW12		EZ Switch 10/100 108F	SMC-EZ108F	037EZ10026	---	---	
SSW13		EZ Switch 10/100 108F	SMC-EZ108F	037EZ10027	---	---	
SSW14		EZ Switch 10/100 108F	SMC-EZ108F	037EZ10028	---	---	
SSW15		EZ Switch 10/100 108F	SMC-EZ108F	03BEZ10015	---	---	
SSW16		EZ Switch 10/100 108F	SMC-EZ108F	03BEZ10016	---	---	
SSW17		EZ Switch 10/100 108F	SMC-EZ108F	03BEZ10017	---	---	
SSW18		EZ Switch 10/100 108F	SMC-EZ108F	03BEZ10018	---	---	
SSW19		EZ Switch 10/100 108F	SMC-EZ108F	03BEZ10019	---	---	

メディアコンバータ(単体)

機器管理番号	設置場所	機器名称	機器型番	Serial No.	Software Version	Host Name	備考
MC260		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	057MC06006C2	---	---	
MC261		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	057MC06007C2	---	---	
MC262		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	057NC06008C2	---	---	
MC263		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	057MC06009C2	---	---	
MC264		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	057MC06010C2	---	---	
MC265		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	057MC06001C2	---	---	
MC266		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	057MC06002C2	---	---	
MC267		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	057MC06003C2	---	---	
MC268		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	057MC06004C2	---	---	
MC269		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	057MC06005C2	---	---	
MC270		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	057MC06011C2	---	---	
MC271		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	057MC06012C2	---	---	
MC272		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	057MC06013C2	---	---	
MC273		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	057MC06014C2	---	---	
MC274		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	057MC06015C2	---	---	
MC275		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	057MC06016C2	---	---	
MC276		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	057MC06017C2	---	---	
MC277		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	057MC06018C2	---	---	
MC278		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	057MC06019C2	---	---	
MC279		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	057MC06020C2	---	---	
MC280		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	045MC06018B2	---	---	
MC281		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	057MC06050C2	---	---	
MC282		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	057MC06049C2	---	---	
MC283		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	045MC06003B2	---	---	
MC284		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	045MC06012B2	---	---	
MC285		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	045MC06004B2	---	---	
MC286		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	045MC06011B2	---	---	
MC287		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	057MC06048C2	---	---	
MC288		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	045MC06013B2	---	---	
MC289		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	045MC06016B2	---	---	
MC290		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	045MC06009B2	---	---	
MC291		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	045MC06008B2	---	---	
MC292		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	045MC06006B2	---	---	
MC293		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	045MC06005B2	---	---	
MC294		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	045MC06014B2	---	---	
MC295		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	045MC06010B2	---	---	
MC296		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	045MC06001B2	---	---	
MC297		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	045MC06020B2	---	---	
MC298		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	045MC06017B2	---	---	
MC299		SMC MediaConverter(100FX/10・100TX)	SMC-MC201FMSC-J1	045MC06019B2	---	---	

Switchingハブ

2005/3/11作成

IPアドレス	設置場所	機器名称	機器型番	Serial No.	Software Version	Host Name	備考
172.19.65.67	SubControl 2	Catalyst2950-24	WS-C2950-24	FOC0923X0RK	12.1(22)EA4	c2950-27	VLAN1: Port1 ~ 17 VLAN2: Port19,20 VLAN3: Port21,22
172.19.65.68	SubControl 3	Catalyst2950-24	WS-C2950-24	FOC0923W0TR	12.1(22)EA4	c2950-28	VLAN1: Port1 ~ 17 VLAN2: Port19,20 VLAN3: Port21,22
172.19.65.69	SubControl 4	Catalyst2950-24	WS-C2950-24	FOC0923X0R6	12.1(22)EA4	c2950-29	VLAN1: Port1 ~ 17 VLAN2: Port19,20 VLAN3: Port21,22
172.19.65.70	SubControl 5	Catalyst2950-24	WS-C2950-24	FOC0923W0SH	12.1(22)EA4	c2950-30	VLAN1: Port1 ~ 17 VLAN2: Port19,20 VLAN3: Port21,22
172.19.65.71	SubControl ABC	Catalyst2950-24	WS-C2950-24	FOC0923X0RR	12.1(22)EA4	c2950-31	VLAN1: Port1 ~ 17 VLAN2: Port19,20 VLAN3: Port21,22
172.19.65.72	Monitor 1-A	Catalyst2950-24	WS-C2950-24	FOC0923W0SP	12.1(22)EA4	c2950-32	VLAN1: Port1 ~ 17 VLAN2: Port19,20 VLAN3: Port21,22
172.19.65.73	Monitor 1-B	Catalyst2950-24	WS-C2950-24	FOC0925Y01X	12.1(22)EA4	c2950-33	VLAN1: Port19,20 VLAN2: Port1 ~ 17 VLAN3: Port21,22

100FX切替スイッチングHUB

機器管理番号	設置場所	機器名称	機器型番	Serial No.	Software Version	Host Name	備考
		Switch-S8F 光ポート(100base-FX)付 10/100Mbps8Portスイッチ	MNS008F	2307C001317	---	---	

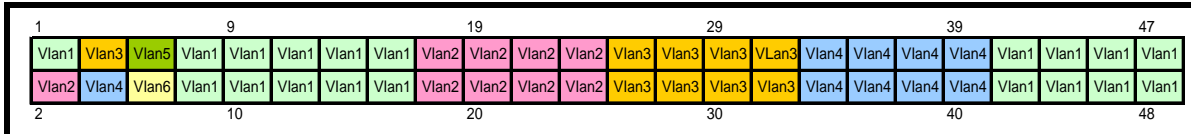
6. コアスイッチ VLAN アサイン表

高エネルギー加速器研究機構様向けCatalyst4506モジュール情報
Slot1:Supervisor Engine4

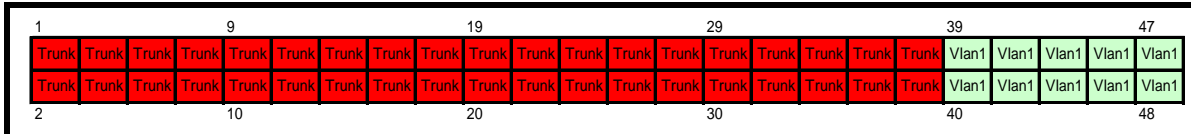


- Vlan1
- Vlan2
- Vlan3
- Vlan4
- Vlan5
- Vlan6

Slot2:48Port 10/100/1000BaseTX



Slot3:48Port 100BaseFX



更新内容
新規にVLAN6を作成

高エネルギー加速器研究機構様向けCatalyst3750ポートVLAN情報

ポート VLAN アサイン表

機設置		Catalyst3750G-24TS-S																													
機器番号	Management IP Address	Port No.	Trunk	VLAN No.																											
		01																													
SEM管理用		02																													
		03																													
		04																													
		05																													
		06																													
		07																													
		08																													
		09																													
		10																													
		11																													
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		19																													
		20																													
		21																													
		22																													
		23																													
		24																													
		1000SX-SFP	25																												
	1000SX-SFP	26																													
		27																													
		28																													

Catalyst3750G-24TS-S VLAN		
VLAN ID	Name	Network Address
01	default	192.153.107.10 /24secondary 172.19.65.32 255.255.224.0
02		192.168.240.232/24
03		not assign
04		172.19.57.101/19
05		192.168.201.32/24
06		192.168.202.3/24

Catalyst3750G-24TS-S Config	
hostname	c3750-1
Enable Password	controls
Console Password	controls
Telnet Password	controls
Routing Protocol	Direct connected Routing
Verison	12.1(19)EA1c

7 . Config 情報

7 - 1 . c4500-1

----- show version -----

```
Cisco Internetwork Operating System Software
IOS (tm) Catalyst 4000 L3 Switch Software (cat4000-I9S-M), Version
12.1(20)EW1, EARLY DEPLOYMENT REL
EASE SOFTWARE (fc1)
TAC Support: http://www.cisco.com/tac
Copyright (c) 1986-2003 by cisco Systems, Inc.
Compiled Mon 01-Dec-03 19:59 by eaarmas
Image text-base: 0x00000000, data-base: 0x00F57254

ROM: 12.1(12r)EW
Dagobah Revision 86, Swamp Revision 28

c4500-1 uptime is 51 weeks, 2 days, 17 hours, 18 minutes
System returned to ROM by reload
System restarted at 17:48:01 JST Tue Aug 10 2004
System image file is "bootflash:cat4000-i9s-mz.121-20.EW1.bin"

cisco WS-C4506 (XPC8245) processor (revision 7) with 524288K bytes of
memory.
Processor board ID FOX075000C8
Last reset from Reload
7 Ethernet/IEEE 802.3 interface(s)
49 FastEthernet/IEEE 802.3 interface(s)
50 Gigabit Ethernet/IEEE 802.3 interface(s)
403K bytes of non-volatile configuration memory.

Configuration register is 0x102
```

----- show running-config -----

```
Building configuration...

Current configuration : 18615 bytes
!
! Last configuration change at 11:07:25 JST Fri Aug 5 2005
! NVRAM config last updated at 11:08:02 JST Fri Aug 5 2005
!
version 12.1
no service pad
service timestamps debug datetime msec localtime show-timezone
service timestamps log datetime msec localtime show-timezone
service password-encryption
service compress-config
!
hostname c4500-1
!
enable password 7 0605002F585C061516
!
clock timezone JST 9
ip subnet-zero
no ip domain-lookup
ip host c2950-5 172.19.65.45
ip host c3750-1 172.19.65.32
ip host c2950-1 172.19.65.41
ip host c2950-2 172.19.65.42
ip host c2950-3 172.19.65.43
ip host c2950-4 172.19.65.44
!
!
no spanning-tree optimize bpdu transmission
spanning-tree extend system-id
spanning-tree vlan 1-6,100 priority 24576
!
!
interface Port-channel1
switchport
switchport trunk encapsulation dot1q
switchport trunk allowed vlan 1-6
switchport mode trunk
!
interface GigabitEthernet1/1
```

```
switchport trunk encapsulation dot1q
switchport trunk allowed vlan 1-6
switchport mode trunk
logging event link-status
logging event trunk-status
channel-group 1 mode on
!
interface GigabitEthernet1/2
switchport trunk encapsulation dot1q
switchport trunk allowed vlan 1-6
switchport mode trunk
logging event link-status
logging event trunk-status
channel-group 1 mode on
!
interface GigabitEthernet2/1
switchport mode access
logging event link-status
logging event trunk-status
storm-control broadcast level 50.00
spanning-tree vlan 1 cost 10
!
interface GigabitEthernet2/2
switchport access vlan 2
switchport mode access
logging event link-status
logging event trunk-status
storm-control broadcast level 50.00
!
interface GigabitEthernet2/3
switchport access vlan 3
switchport mode access
logging event link-status
logging event trunk-status
storm-control broadcast level 50.00
!
interface GigabitEthernet2/4
switchport access vlan 4
switchport mode access
logging event link-status
logging event trunk-status
storm-control broadcast level 50.00
no cdp enable
!
interface GigabitEthernet2/5
switchport access vlan 5
switchport mode access
logging event link-status
logging event trunk-status
storm-control broadcast level 50.00
!
interface GigabitEthernet2/6
switchport access vlan 6
switchport mode access
logging event link-status
logging event trunk-status
storm-control broadcast level 50.00
!
interface GigabitEthernet2/7
switchport mode access
logging event link-status
logging event trunk-status
!
interface GigabitEthernet2/8
switchport mode access
logging event link-status
logging event trunk-status
!
interface GigabitEthernet2/9
switchport mode access
logging event link-status
logging event trunk-status
!
interface GigabitEthernet2/10
switchport mode access
logging event link-status
logging event trunk-status
!
interface GigabitEthernet2/11
switchport mode access
```



```

logging event link-status
logging event trunk-status
duplex full
!
interface FastEthernet3/38
switchport trunk encapsulation dot1q
switchport trunk allowed vlan 1-3,100
switchport mode trunk
logging event link-status
logging event trunk-status
duplex full
!
interface FastEthernet3/39
switchport trunk encapsulation dot1q
switchport trunk allowed vlan 1-3,100
switchport mode trunk
logging event link-status
logging event trunk-status
duplex full
!
interface FastEthernet3/40
switchport trunk encapsulation dot1q
switchport trunk allowed vlan 1-3,100
switchport mode trunk
logging event link-status
logging event trunk-status
duplex full
!
interface FastEthernet3/41
switchport mode access
logging event link-status
logging event trunk-status
duplex full
!
interface FastEthernet3/42
switchport mode access
logging event link-status
logging event trunk-status
duplex full
!
interface FastEthernet3/43
switchport mode access
logging event link-status
logging event trunk-status
duplex full
!
interface FastEthernet3/44
switchport mode access
logging event link-status
logging event trunk-status
duplex full
!
interface FastEthernet3/45
switchport mode access
logging event link-status
logging event trunk-status
duplex full
!
interface FastEthernet3/46
switchport mode access
logging event link-status
logging event trunk-status
duplex full
!
interface FastEthernet3/47
switchport mode access
logging event link-status
logging event trunk-status
duplex full
!
interface FastEthernet3/48
switchport mode access
logging event link-status
logging event trunk-status
duplex full
!
interface Vlan1
description **Linac-Control**
ip address 192.153.107.9 255.255.255.0 secondary
ip address 172.19.65.31 255.255.224.0
ip broadcast-address 172.19.95.255
no ip redirects
no ip route-cache
no ip mroute-cache

```

```

standby 8 ip 172.19.64.1
standby 8 preempt
standby 16 ip 192.153.107.1
standby 16 preempt
!
interface Vlan2
description **Linac-RF**
ip address 192.168.240.231 255.255.255.0
no ip redirects
no ip route-cache
no ip mroute-cache
standby 24 ip 192.168.240.1
standby 24 preempt
!
interface Vlan3
description **KEK-LabNet**
no ip address
no ip route-cache
no ip mroute-cache
!
interface Vlan4
description **KEK-B**
ip address 172.19.57.99 255.255.224.0
no ip redirects
no ip route-cache
no ip mroute-cache
standby 48 ip 172.19.57.100
standby 48 preempt
!
interface Vlan5
description **Energy-Center**
ip address 192.168.201.31 255.255.255.0
ip helper-address 192.153.107.2
ip helper-address 192.153.107.3
ip helper-address 192.153.107.16
no ip redirects
no ip route-cache
no ip mroute-cache
standby 56 ip 192.168.201.46
standby 56 preempt
!
interface Vlan6
ip address 192.168.202.2 255.255.255.0
no ip redirects
no ip route-cache
no ip mroute-cache
standby 64 ip 192.168.202.1
standby 64 preempt
!
ip classless
ip forward-protocol sdns
no ip forward-protocol udp bootpc
no ip forward-protocol udp tftp
no ip forward-protocol udp nameserver
no ip forward-protocol udp domain
no ip forward-protocol udp time
no ip forward-protocol udp netbios-ns
no ip forward-protocol udp netbios-dgm
no ip forward-protocol udp tacacs
ip forward-protocol udp 8001
ip route 172.19.28.0 255.255.255.0 192.168.202.101
ip http server
!
snmp-server community public RO
!
banner exec ^C
*****
HW : Catalyst4506
Host Name : c4500-1
Management IP : 172.16.65.31
*****
^C
!
line con 0
password 7 0110090A4F19090332
login
stopbits 1
line vty 0 4
password 7 0110090A4F19090332
login
!
ntp clock-period 17180048
ntp server 172.19.64.4
ntp server 172.19.64.20

```



```
!  
monitor session 1 destination interface Gi2/48  
monitor session 1 source remote vlan 100  
!  
end
```

7 - 2 . c3750-1

----- show version -----

Cisco IOS Software, C3750 Software (C3750-IPSERVICES-M), Version 12.2(25)SEC, RELEASE SOFTWARE (fc2)
Copyright (c) 1986-2005 by Cisco Systems, Inc.
Compiled Thu 14-Jul-05 21:33 by antonino

ROM: Bootstrap program is C3750 boot loader
BOOTLDR: C3750 Boot Loader (C3750-HBOOT-M) Version 12.1(14r)EA1a, RELEASE SOFTWARE (fc1)

c3750-1 uptime is 1 day, 23 hours, 18 minutes
System returned to ROM by power-on
System restarted at 11:53:40 JST Wed Aug 3 2005
System image file is "flash:c3750-ipservices-mz.122-25.SEC/c3750-ipservices-mz.122-25.SEC.bin"

cisco WS-C3750G-24TS (PowerPC405) processor (revision E0) with 118784K/12280K bytes of memory.
Processor board ID CAT0821N2AE
Last reset from power-on
6 Virtual Ethernet interfaces
24 FastEthernet interfaces
30 Gigabit Ethernet interfaces
The password-recovery mechanism is enabled.

512K bytes of flash-simulated non-volatile configuration memory.

Base ethernet MAC Address : 00:11:21:8C:78:80
Motherboard assembly number : 73-7058-10
Power supply part number : 341-0045-01
Motherboard serial number : CAT08210LV1
Power supply serial number : LIT081801JD
Model revision number : E0
Motherboard revision number : A0
Model number : WS-C3750G-24TS-S
System serial number : CAT0821N2AE
Hardware Board Revision Number : 0x09

Switch	Ports	Model	SW Version	SW Image
* 1	28	WS-C3750G-24TS	12.2(25)SEC	C3750-IPSERVICES-M
2	26	WS-C3750-24TS	12.2(25)SEC	C3750-IPSERVICES-M

Switch 02

Switch Uptime : 1 day, 21 hours, 16 minutes
Base ethernet MAC Address : 00:14:69:39:57:00
Motherboard assembly number : 73-9677-08
Power supply part number : 341-0034-01
Motherboard serial number : CAT09200W23
Power supply serial number : DAB091405WJ
Model revision number : L0
Motherboard revision number : B0
Model number : WS-C3750-24TS-E
System serial number : CAT0920N1M3
Top assembly part number : 800-26382-02
Top assembly revision number : A0
Version ID : V05
CLEI Code Number : CNMV200CRE

Configuration register is 0xF

----- show running-config -----

Building configuration...

Current configuration : 11451 bytes

!
! Last configuration change at 11:07:51 JST Fri Aug 5 2005
! NVRAM config last updated at 11:07:52 JST Fri Aug 5 2005
!

version 12.2
no service pad
service timestamps debug datetime msec localtime show-timezone
service timestamps log datetime msec localtime show-timezone

```
service password-encryption
!
hostname c3750-1
!
enable password 7 02050B551F14002D5F
!
no aaa new-model
clock timezone JST 9
switch 1 provision ws-c3750g-24ts
switch 2 provision ws-c3750-24ts
ip subnet-zero
ip routing
no ip domain-lookup
ip host c2950-5 172.19.65.45
ip host c4500-1 172.19.65.31
ip host c2950-1 172.19.65.41
ip host c2950-2 172.19.65.42
ip host c2950-3 172.19.65.43
ip host c2950-4 172.19.65.44
!
!
!
no file verify auto
!
spanning-tree mode pvst
no spanning-tree optimize bpdu transmission
spanning-tree extend system-id
spanning-tree vlan 1-6 priority 28672
!
vlan internal allocation policy ascending
!
!
interface Port-channel1
 switchport trunk encapsulation dot1q
 switchport trunk allowed vlan 1-6
 switchport mode trunk
!
interface GigabitEthernet1/0/1
 switchport mode access
 no mdix auto
 storm-control broadcast level 50.00
 storm-control multicast level 50.00
!
interface GigabitEthernet1/0/2
 switchport access vlan 2
 switchport mode access
 no mdix auto
 storm-control broadcast level 50.00
 storm-control multicast level 50.00
!
interface GigabitEthernet1/0/3
 switchport access vlan 3
 switchport mode access
 no mdix auto
 storm-control broadcast level 50.00
 storm-control multicast level 50.00
!
interface GigabitEthernet1/0/4
 switchport access vlan 4
 switchport mode access
 no mdix auto
 storm-control broadcast level 50.00
 storm-control multicast level 50.00
 no cdp enable
!
interface GigabitEthernet1/0/5
 switchport access vlan 5
 switchport mode access
 no mdix auto
 storm-control broadcast level 50.00
 storm-control multicast level 50.00
!
interface GigabitEthernet1/0/6
 switchport access vlan 6
 switchport mode access
 no mdix auto
 storm-control broadcast level 50.00
 storm-control multicast level 50.00
!
interface GigabitEthernet1/0/7
 switchport trunk encapsulation dot1q
 switchport trunk allowed vlan 1-3
 switchport mode trunk
```



```

switchport trunk allowed vlan 1-3
switchport mode trunk
duplex full
speed 100
no mdix auto
!
interface FastEthernet2/0/24
switchport trunk encapsulation dot1q
switchport trunk allowed vlan 1-3
switchport mode trunk
duplex full
speed 100
no mdix auto
!
interface GigabitEthernet2/0/1
!
interface GigabitEthernet2/0/2
!
interface Vlan1
description **Linac-Control**
ip address 192.153.107.10 255.255.255.0 secondary
ip address 172.19.65.32 255.255.224.0
ip broadcast-address 172.19.95.255
no ip redirects
standby 8 ip 172.19.64.1
standby 8 priority 95
standby 8 preempt
standby 16 ip 192.153.107.1
standby 16 priority 95
standby 16 preempt
!
interface Vlan2
description **Linac-RF**
ip address 192.168.240.232 255.255.255.0
no ip redirects
standby 24 ip 192.168.240.1
standby 24 priority 95
standby 24 preempt
!
interface Vlan3
description **KEK-LabNet**
no ip address
!
interface Vlan4
description **KEK-B**
ip address 172.19.57.101 255.255.224.0
no ip redirects
standby 48 ip 172.19.57.100
standby 48 priority 95
standby 48 preempt
!
interface Vlan5
description **Energy-Center**
ip address 192.168.201.32 255.255.255.0
ip helper-address 192.153.107.2
ip helper-address 192.153.107.3
ip helper-address 192.153.107.16
no ip redirects
standby 56 ip 192.168.201.46
standby 56 priority 95
standby 56 preempt
!
interface Vlan6
ip address 192.168.202.3 255.255.255.0
no ip redirects
standby 64 ip 192.168.202.1
standby 64 priority 95
standby 64 preempt
!
ip classless
ip forward-protocol sdns
no ip forward-protocol udp tftp
no ip forward-protocol udp nameserver
no ip forward-protocol udp domain
no ip forward-protocol udp time
no ip forward-protocol udp netbios-ns
no ip forward-protocol udp netbios-dgm
no ip forward-protocol udp tacacs
ip forward-protocol udp 8001
ip route 172.19.28.0 255.255.255.0 192.168.202.101
ip http server
!
!
snmp-server community public RO

```

```

!
control-plane
!
banner exec ^C
*****
HW : Catalyst3750G-24TS-E
Host Name : c3750-1
Management IP : 172.16.65.32
*****
^C
!
line con 0
password 7 00071C081049040A1C
login
line vty 0 4
password 7 00071C081049040A1C
login
line vty 5 15
login
!
ntp clock-period 36029163
ntp server 172.19.64.4
ntp server 172.19.64.20
!
end

```