type	group	interface	Identification ID	client	Server	Method	synchronous/asynchronous	URI	URI example
0 common	1 Processing request	2 Getting list of operational state	000102	host system	MFC/FC	GET	synchronous	/v1/operations	/v1/operations
		3 Getting information of detailed operation state	000103	host system	MFC/FC	GET	synchronous	/v1/operations/[operation_id]	/v1/operations/1234567890123
	2 Controller status confirmation	1 Getting controller state	000201	host system	MFC/FC	GET	synchronous	/v1/MSFcontroller/status	/v1/MSFcontroller/status
	3 Controller log	1 Getting controller log	000301	host system	MFC/FC	GET	synchronous	/v1/operations/log	/v1/operations/log
1 Underlay Management	1 Equipment-type information management	1 Registering equipment information	010101	host system	MFC/FC	POST	synchronous	/v1/equipment-types	/v1/equipment-types
		2 Getting equipment list in switch cluster	010102	host system	MFC/FC	GET	synchronous	/v1/equipment-types	/v1/equipment-types
		3 Getting equipment information	010103	host system	MFC/FC	GET	synchronous	/v1/equipment-types/[equipment_type_id]	/v1/equipment-types/10
		4 Deleting equipment information	010104	host system	MFC/FC	DELETE	synchronous	/v1/equipment-types/[equipment_type_id]	/v1/equipment-types/10
	2 Switch-cluster management	1 Adding Switch-cluster	010201	host system	MFC	POST	asynchronous	/v1/clusters	/v1/clusters
		2 Getting list of Switch-cluster	010202	host system	MFC/FC	GET	synchronous	/v1/clusters	/v1/clusters
		3 Getting information of Switch-cluster	010203	host system	MFC/FC	GET	synchronous	/v1/clusters/[cluster_id]	/v1/clusters/1
		4 Deleting Switch-cluster	010204	host system	MFC	DELETE	asynchronous	/v1/clusters/[cluster_id]	/v1/clusters/1
	3 Node information	1 Getting list of nodes	010301	host system	MFC/FC	GET	synchronous	/v1/clusters/[cluster_id]/nodes	/v1/clusters/1/nodes
	4 Leaf management	1 Adding Leaf- node	010401	host system	MFC/FC	POST	asynchronous	/v1/clusters/[cluster_id]/nodes/leafs	/v1/clusters/1/nodes/leafs
		2 Getting List of Leaf-nodes	010402	host system	MFC/FC	GET	synchronous	/v1/clusters/[cluster_id]/nodes/leafs	/v1/clusters/1/nodes/leafs
		3 Getting information of Leaf-node	010403	host system	MFC/FC	GET	synchronous	/v1/clusters/[cluster_id]/nodes/leafs/[node_id]	/v1/clusters/1/nodes/leafs/1
		4 Deleting Leaf-node	010404	host system	MFC/FC	DELETE	asynchronous	/v1/clusters/[cluster_id]/nodes/leafs/[node_id]	/v1/clusters/1/nodes/leafs/1
		5 Updating Leaf-node	010405	host system	MFC/FC	PUT	asynchronous	/v1/clusters/[cluster_id]/nodes/leafs/[node_id]	/v1/clusters/1/nodes/leafs/1
	5 Spine management	1 Adding Spine-node	010501	host system	MFC/FC	POST	asynchronous	/v1/clusters/[cluster_id]/nodes/spines	/v1/clusters/1/nodes/spines
		2 Getting list of Spine-nodes	010502	host system	MFC/FC	GET	synchronous	/v1/clusters/[cluster_id]/nodes/spines	/v1/clusters/1/nodes/spines
		3 Getting information of Spine-node	010503	host system	MFC/FC	GET	synchronous	/v1/clusters/[cluster_id]/nodes/spines/[node_id]	/v1/clusters/1/nodes/spines/1
		4 Deletting Spine-node	010504	host system	MFC/FC	DELETE	asynchronous	/v1/clusters/[cluster_id]/nodes/spines/[node_id]	/v1/clusters/1/nodes/spines/1
	6 RR (BGP Route Reflector) management	4 Getting list of RR-node	010604	host system	MFC/FC	GET	synchronous	/v1/clusters/[cluster_id]/nodes/rrs	/v1/clusters/1/nodes/rrs
		5 Getting infromation of RR-node	010605	host system	MFC/FC	GET	synchronous	/v1/clusters/[cluster_id]/nodes/rrs/[node_id]	/v1/clusters/1/nodes/rrs/1
	7 Interface information	1 Getting list of interfaces	010701	host system	MFC/FC	GET	synchronous	/v1/clusters/[cluster_id]/nodes/[fabric_type]/[node_id]/interfaces	/v1/clusters/1/nodes/leafs/1/interfaces
	8 Interface management (Physical interface)	1 Getting list of physical interfaces	010801	host system	MFC/FC	GET	synchronous	/v1/clusters/[cluster_id]/nodes/[fabric_type]/[node_id]/interfaces/physical-ifs	/v1/clusters/1/nodes/leafs/1/interfaces/physical-ifs
		2 Getting information of physical interface	010802	host system	MFC/FC	GET	synchronous	/v1/clusters/[cluster_id]/nodes/[fabric_type]/[node_id]/interfaces/physical-ifs/[if_id]	/v1/clusters/1/nodes/leafs/1/interfaces/physical-ifs/1
		3 Updating physical interface	010803	host system	MFC/FC	PATCH	synchronous	/v1/clusters/[cluster_id]/nodes/[fabric_type]/[node_id]/interfaces/physical-ifs/[if_id]	/v1/clusters/1/nodes/leafs/1/interfaces/physical-ifs/1
	9 Interface management (Breakout interface)	1 Creating or deleting breakout interface	010901	host system	MFC/FC	PATCH	asynchronous	/v1/clusters/[cluster_id]/nodes/[fabric_type]/[node_id]/interfaces/breakout-ifs	/v1/clusters/1/nodes/leafs/1/interfaces/breakout-ifs
		2 Getting list of breakout interfaces	010902	host system	MFC/FC	GET	synchronous	/v1/clusters/[cluster_id]/nodes/[fabric_type]/[node_id]/interfaces/breakout-ifs	/v1/clusters/1/nodes/leafs/1/interfaces/breakout-ifs
		3 Getting information of breakout interface	010903	host system	MFC/FC	GET	synchronous	/v1/clusters/[cluster_id]/nodes/[fabric_type]/[node_id]/interfaces/breakout-ifs/[breakout_if_id]	/v1/clusters/1/nodes/leafs/1/interfaces/breakout-ifs/1-1
	10 Interface management (Internal-link interface)	1 Getting list of internal-link interfaces	011001	host system	MFC/FC	GET	synchronous	/v1/clusters/[cluster_id]/nodes/[fabric_type]/[node_id]/interfaces/internal-link-ifs	/v1/clusters/1/nodes/leafs/1/interfaces/internal-link-ifs
		2 Getting information of internal-link interface	011002	host system	MFC/FC	GET	synchronous	/v1/clusters/[cluster_id]/nodes/[fabric_type]/[node_id]/interfaces/internal-link-ifs/[internal_link_if_id]	/v1/clusters/1/nodes/leafs/1/interfaces/internal-link-ifs/1
	11 Interface management (Link aggregation interface)	1 Creating Link-aggregation interface	011101	host system	MFC/FC	POST	asynchronous	/v1/clusters/[cluster_id]/nodes/[fabric_type]/[node_id]/interfaces/lag-ifs	/v1/clusters/1/nodes/leafs/1/interfaces/lag-ifs
		2 Getting list of Link-aggregation interfaces	011102	host system	MFC/FC	GET	synchronous	/v1/clusters/[cluster_id]/nodes/[fabric_type]/[node_id]/interfaces/lag-ifs	/v1/clusters/1/nodes/leafs/1/interfaces/lag-ifs
		3 Getting information of Link-aggregation interface	011103	host system	MFC/FC	GET	synchronous	/v1/clusters/[cluster_id]/nodes/[fabric_type]/[node_id]/interfaces/lag-ifs/[lag_if_id]	/v1/clusters/1/nodes/leafs/1/interfaces/lag-ifs/1
		5 Deleting Link-aggregation interface	011105	host system	MFC/FC	DELETE	asynchronous	/v1/clusters/[cluster_id]/nodes/[fabric_type]/[node_id]/interfaces/lag-ifs/[lag_if_id]	/v1/clusters/1/nodes/leafs/1/interfaces/lag-ifs/1
	12 Interface management (Inter-cluster link interface)	1 Creating inter-cluster link interface	011201	host system	MFC/FC	POST	asynchronous	/v1/clusters/[cluster_id]/interfaces/cluster-link-ifs	/v1/clusters/1/points/cluster-link-ifs
		2 Getting list of inter-cluster link interfaces	011202	host system	MFC	GET	synchronous	/v1/clusters/[cluster_id]/interfaces/cluster-link-ifs	/v1/clusters/1/points/cluster-link-ifs
		3 Getting information of inter-cluster link interface	011203	host system	MFC	GET	synchronous	/v1/clusters/[cluster_id]/interfaces/cluster-link-ifs/ [cluster_link_if_id]	/v1/clusters/1/points/cluster-link-ifs/1
		4 Deleting inter-cluster link interface	011204	host system	MFC/FC	DELETE	asynchronous	/v1/clusters/[cluster_id]/interfaces/cluster-link-ifs/ [cluster_link_if_id]	/v1/clusters/1/points/cluster-link-ifs/1
	14 Edge point management	1 Creating edge-point	011401	host system	MFC/FC	POST	synchronous	/v1/clusters/[cluster_id]/points/edge-points	/v1/clusters/1/points/edge-points
		2 Getting list of edge-points	011402	host system	MFC/FC	GET	synchronous	/v1/clusters/[cluster_id]/points/edge-points	/v1/clusters/1/points/edge-points
		3 Getting information of edge-point	011403	host system	MFC/FC	GET	synchronous	/v1/clusters/[cluster_id]/points/edge-points/[edge_point_id]	/v1/clusters/1/points/edge-points/1
		4 Deleting edge-point	011404	host system	MFC/FC	DELETE	synchronous	/v1/clusters/[cluster_id]/points/edge-points/[edge_point_id]	/v1/clusters/1/points/edge-points/1
2 Overlay Management	1 Slice	1 Creating Slice	020101	host system	MFC/FC	POST	synchronous	/v1/slices/[slice_type]	/v1/slices/l2vpn /v1/slices/l3vpn
		2 Changing Slice	020102	host system	MFC/FC	PUT	asynchronous	/v1/slices/[slice_type]/[slice_id]	/v1/slices/l2vpn/1 /v1/slices/l3vpn/100
		3 Deleting Slice	020103	host system	MFC/FC	DELETE	synchronous	/v1/slices/[slice_type]/[slice_id]	/v1/slices/l2vpn/1 /v1/slices/l3vpn/100
		4 Getting information of Slice	020104	host system	MFC/FC	GET	synchronous	/v1/slices/[slice_type]/[slice_id]	/v1/slices/l2vpn/1 /v1/slices/l3vpn/100
		5 Getting list of Slices	020105	host system	MFC/FC	GET	synchronous	/v1/slices/[slice_type]	/v1/slices/l2vpn /v1/slices/l3vpn
	2 CP	1 Creating or deleting CP	020201	host system	MFC/FC	PATCH	asynchronous	/v1/slices/[slice_type]/[slice_id]/cps	/v1/slices/l2vpn/1/cps /v1/slices/l3vpn/100/cps
		2 Creating CP	020202	host system	MFC/FC	POST	asynchronous	/v1/slices/[slice_type]/[slice_id]/cps	/v1/slices/l2vpn/1/cps /v1/slices/l3vpn/100/cps
		3 Changing CP	020203	host system	MFC/FC	PUT	asynchronous	/v1/slices/[slice_type]/[slice_id]/cps/[cp_id]	/v1/slices/l2vpn/1/cps/1 /v1/slices/l3vpn/100/cps/10
		4 Deleting CP	020204	host system	MFC/FC	DELETE	asynchronous	/v1/slices/[slice_type]/[slice_id]/cps/[cp_id]	/v1/slices/l2vpn/1/cps/1 /v1/slices/l3vpn/100/cps/10
		5 Getting CP information	020205	host system	MFC/FC	GET	synchronous	/v1/slices/[slice_type]/[slice_id]/cps/[cp_id]	/v1/slices/l2vpn/1/cps/1
		6 Getting lists of CP	020206	host system	MFC/FC	GET	synchronous	/v1/slices/[slice_type]/[slice_id]/cps/	/v1/slices/l2vpn/1/cps /v1/slices/l3vpn/100/cps
		7 Creating or deleting static route	020207	host system	MFC/FC	PATCH	asynchronous	/v1/slices/[slice_type]/[slice_id]/cps/	/v1/slices/l3vpn/100/cps/1
3 Traffic Management	1 Traffic information	2 Getting list of IF traffic	030102	host system	MFC/FC	GET	synchronous	/v1/traffic/clusters/[cluster_id]/nodes/[fabric_type]/[node_id]/interfaces	/v1/traffic/clusters/1/nodes/1/interfaces
		3 Getting IF traffic	030103	host system	MFC/FC	GET	synchronous	/v1/traffic/clusters/[cluster_id]/nodes/[fabric_type]/[node_id]/interfaces/[if_type]/[if_id]	/v1/traffic/clusters/1/nodes/1/interfaces/physical-ifs/1
		4 Getting list of CP traffic	030104	host system	MFC/FC	GET	synchronous	/v1/traffic/slices/[slice_type]/[slice_id]/cps	/v1/traffic/slices/l3vpn/1/cps
		5 Getting CP traffic	030105	host system	MFC/FC	GET	synchronous	/v1/traffic/slices/[slice_type]/[slice_id]/cps/[cp_id]	/v1/traffic/slices/l3vpn/1/cps/1
5 Fault Management	1 Failure detection	1 Getting Failure Information List	050101	host system	MFC/FC	GET	synchronous	/v1/failures/failure_status	/v1/failures/failure_status
6 Priority route Management	1 Internal-link priority	1 Changing internal-link interface priority	060101	host system	MFC/FC	PUT	asynchronous	/v1/priority_routes/clusters/[cluster_id]/nodes/[fabric_type]/[node_id]/interfaces/internal-link-ifs/[internal_link_if_id]	/v1/priority_routes/clusters/1/nodes/leafs/1/interfaces/internal-link-ifs/1
		2 Getting information of internal-link interface priority	060102	host system	MFC/FC	GET	synchronous	/v1/priority_routes/clusters/[cluster_id]/nodes/[fabric_type]/[node_id]/interfaces/internal-link-ifs/[internal_link_if_id]	/v1/priority_routes/clusters/1/nodes/leafs/1/interfaces/internal-link-ifs/1
		3 Getting list of internal-link interface priority	060103	host system	MFC/FC	GET	synchronous	/v1/priority_routes/clusters/[cluster_id]/nodes	/v1/priority_routes/clusters/1/nodes
	2 Switch priority	1 Adding or deleting switch to preffered switch group	060201	host system	MFC/FC	PATCH	asynchronous	/v1/priority_routes/clusters/[cluster_id]/priority_node_group	/v1/priority_routes/clusters/1/priority_node_group
		2 Getting information of preffered switch group	060202	host system	MFC/FC	GET	synchronous	/v1/priority_routes/clusters/[cluster_id]/priority_node_group	/v1/priority_routes/clusters/1/priority_node_group
7 Filter Management	Filter information	4 Creating or Deleting filter by physical interface	070204	host system	FC	PATCH	synchronous	/v1/filter/clusters/[cluster_id]/nodes/[fabric_type]/[node_id]/interfaces/physical-ifs/[physical_if]	/v1/filter/clusters/1/nodes/leafs/1/interfaces/physical-ifs/1
		5 Getting list of filter by physical interface	070205	host system	FC	GET	synchronous	/v1/filter/clusters/[cluster_id]/nodes/[fabric_type]/[node_id]/interfaces/physical-ifs	/v1/filter/clusters/1/nodes/leafs/1/interfaces/physical-ifs
		6 Getting information of filter by physical interface	070206	host system	FC	GET	synchronous	/v1/filter/clusters/[cluster_id]/nodes/[fabric_type]/[node_id]/interfaces/physical-ifs/[physical_if]	/v1/filter/clusters/1/nodes/leafs/1/interfaces/physical-ifs/1
		7 Creating or Deleting filter by Link-aggregation interface	070207	host system	FC	PATCH	synchronous	/v1/filter/clusters/[cluster_id]/nodes/[fabric_type]/[node_id]/interfaces/lag-ifs/[lag_if]	/v1/filter/clusters/1/nodes/leafs/1/interfaces/lag-ifs/1
		8 Getting list of filter by Link-aggregation interface	070208	host system	FC	GET	synchronous	/v1/filter/clusters/[cluster_id]/nodes/[fabric_type]/[node_id]/interfaces/lag-ifs	/v1/filter/clusters/1/nodes/leafs/1/interfaces/lag-ifs
		9 Getting information of filter by Link-aggregation interface	070209	host system	FC	GET	synchronous	/v1/filter/clusters/[cluster_id]/nodes/[fabric_type]/[node_id]/interfaces/lag-ifs/[lag_if]	/v1/filter/clusters/1/nodes/leafs/1/interfaces/lag-ifs/1
8 Switch software Upgrade	1 Bypass traffic to switch	1 Bypass traffic to switch	080101	host system	MFC/FC	PUT	asynchronous	/v1/detour/clusters/[cluster_id]/nodes/[fabric_type]/[node_id]	/v1/detour/clusters/1/nodes/spine/1
		1 Getting information of switch whose traffic is diverted	080103	host system	MFC/FC	GET	synchronous	/v1/detour/clusters/[cluster_id]/nodes	/v1/detour/clusters/1/nodes
	2 Execute Switch OS upgrade	1 Execute Switch OS upgrade	080201	host system	MFC/FC	POST	asynchronous	/v1/upgrade_operations/	/v1/upgrade_operations/
		2 Cancel Switch OS upgrade	080202	host system	MFC/FC	PUT	synchronous	/v1/upgrade_operations/[operation_id]	/v1/operations/1234567890123
9 Controller software Upgrade	1 Software upgrade status check	1 Execute controller construction	090101	host system	MFC/FC	PUT	asynchronous	/v1/manage/renewal	/v1/manage/renewal
		2 Controller construction exe status acquisition	090102	host system	MFC/FC	GET	synchronous	/v1/manage/renewal	/v1/manage/renewal
		3 Controller system switchover	090103	host system	MFC/FC	POST	synchronous	/v1/manage/switchover	/v1/manage/switchover