

Interface name	Execute Switch OS upgrade
Method	POST

Optional parameter	type	required	overview	remarks
notification_address	string	x	Operation completion notification address	Required if at least one "operator_check" flag is true. Refer to "Asynchronous request format" for specification of optional
notification_port	string	x	Operation completion notification destination port	parameters to URL.

URI	/v1/upgrade_operations/
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message	code	body	type	required	Allow	Allow empty	overview	remarks
request	-	reservation_time	string	x	O		Reservation time	format is YYYYMMDD.hhmmss. If null, it is the same as reservation at the current time.
		cluster_id	string	O	x		Cluster ID	-
		nodes	object[]	x	x	x	Node list	-
		fabric_type	string	O	x		Device type	"spine": Spine "leaf": Leaf
		node_id	string	O	x		Device ID	-
		equipment_type_id	string	O	x		Equipment type ID	-
		os_upgrade	string	O	x		Switch OS upgrade information	-
		upgrade_script_path	string	O	x		Upgrade script file path	Specify absolute path on EC server
		ztp_flag	boolean	O	x		Necessity of ZTP implementation	-
		upgrade_complete_msg	string	O	x		Completion judgment message	-
		upgrade_error_msgs	string[]	x	O	O	List of failure judgment messages	-
		operator_check	boolean	O	x		Necessity of operator's confirmation	-
		operation_id	string	O	x			-
response	202	Refer to the "Error response format" sheet for error response						

Body uses JSON format.

Asynchronous response

The result of the asynchronous response is set by being set in "processing result information (status_code)" and "response body part (body)" of "000103 operation detail acquisition" IF.

message	code	body	type	required	Allow	Allow empty	overview	remarks
response	-	cluster_id	string	O	x		cluster ID	-
		nodes	object[]	O	x	x	Node list	-
		fabric_type	string	O	x		Device type	-
		node_id	string	O	x		Device ID	-
		equipment_type_id	string	O	x		Equipment type ID	-
		status	string	O	x		status	"unexecuted": Not executed "detoured": Bypassing "os_upgrading": During OS upgrade "recovering": During service recovery "recovered": Service recovery completed "completed": OS upgrade completed "failed_not_os_upgraded_not_detoured" : Failure (OS not upgraded, non-bypass) "failed_not_os_upgraded_detoured" : Failure (OS not upgraded, bypassing) "failed_not_recovered" : Failure (Service not recovery, bypassing) "failed_recovered_detoured" : Failure (Service recovery completed, bypassing) "failed_unknown_detoured" : Failure (Unknown status, bypassing)
		error_code	string	x	O		Error code	In case of error
		error_message	string	x	O		Error message	In case of error

Body uses JSON format.

The response code is set to 200 when all processing ends normally, and 4XX (depending on the error content) when an error occurs.

Asynchronous operation substate(sub_status)

This interface returns substate of asynchronous operation. Substate is set to "sub_state" of "000103.operation detail acquisition" interface, and notified.

sub_status	type	required	Allow	Allow empty	overview	remarks
cluster_id	string	O	x		cluster ID	
nodes	object[]	O	x	x	Node list	
fabric_type	string	O	x		Device type	
node_id	string	O	x		Device ID	
equipment_type_id	string	O	x		Equipment type ID	
status	string	O	x		status	"unexecuted": Not executed "detoured": Bypassing "os_upgrading": During OS upgrade "recovering": During service recovery "recovered": Service recovery completed "completed": OS upgrade completed "failed_not_os_upgraded_not_detoured" : Failed (OS not upgraded, non-bypass) "failed_not_os_upgraded_detoured" : Failed (OS not upgraded, bypassing) "failed_not_recovered" : Failed (Service not recovery, bypassing) "failed_recovered_detoured" : Failed (Service recovery completed, bypassing) "failed_unknown_detoured" : Failed (Unknown status, bypassing)
operator_check_waiting	boolean	O	x		Operator confirmation waiting flag	