Interface name	Getting controller log
Method	GET

Optional parameters	type	required	overview	remarkss
log_type	string	-	Type of log to be acquired	"Api_access": access log "Processing": processing log When an access log is specified, logs can be acquired only from MFC logs in a multi-cluster configuration and FC from single cluster configurations. If not specified, "processing" is targeted for acquisition.
log_level	string	-	Log level to be acquired	"Error": error "Warning": warning "Info": information To specify more than one, connect with "+" Example: log_level = error + warning If not specified, "error" is targeted for acquisition.
controller	string	-	Controller to be acquired	It can be specified only when the log type is processing log. "Fc": FC "Ec": EC "Em": EM To specify more than one, connect with "+" Example: controller = fc + ec + em If not specified, all controllers are targeted for acquisition.
cluster	string	-	Obtain target SW cluster	It can be specified only when the log type is processing log. Specify the ID of the SW cluster to be acquired To specify multiple clusters, connect with "+" Example: cluster = 1 + 2 If not specified, all clusters are to be acquired. Also, when MFC only is specified as the option parameter of "controller to be acquired", designation of this parameter is invalid.
start_date	string	-	Start date of log acquisition target period	It can be specified on a daily basis. Format is "YYYYMMDD" Example: start_date = 20170101 Obtain logs from the time 00: 00: 00.000 on the specified day If not specified, the start date will be the current day
end_date	string	-	End date of log acquisition target period	It can be specified on a daily basis. Format is "YYYYMMDD" Example: end_date = 20170101 Retrieve the logs up to the time 23: 59: 59.999 on the specified day If not specified, the end date is the current day.
limit_number	int	-	Maximum number of acquired logs (number of lines) upper limit	If the log that is the acquisition target exceeds the specified number of acquisitions, it responds from the most recent time of the acquisition target log to the specified number of logs. In the case of logs at the same time, the order of controllers (MFC → FC → EC → EM) is followed, and in the case of a multi-cluster configuration, further in the ascending order of the cluster ID, from the beginning to the number specified. Specification example: limit_number = 100 Depending on the value of "log merging type", the acquisition upper limit number is defined as follows. In case of "separating" logs: Respond up to 100 logs per MFC log and each controller of each cluster. When "merge" the log: Respond up to 100 items in the merged log. If not specified, 1000 is the upper limit. In addition, when a value exceeding the maximum number of acquisitions that the MSF controller can respond is specified, the number of acquired logs is assumed to be the number of responsible upper limit of the MSF controller.
search_string	string	-	Search target character string	Specify a character string included in the log to be searched. This parameter must be URL-encoded. In addition, it is assumed that multiple designation of the search target character string is prohibited, and uppercase and lowercase letters are distinguished. Regular expressions can not be used. Example: Original string: "Controller start" Specification example: search_string = Controller% 20start
merge_type	string	-	Log merging type	Specify whether to separate the logs of each controller (MFC / FC / EC / EM) separately and to respond or to merge them all in chronological order and respond as one log. "Separate": to separate "Merge": to merge If not specified, separate and respond to the log.

URI	/v1/operations/log

request	code	body				type	required	Allow null	Allow empty array	overview	remarkss
request	–	–				–	–	–		–	–
response	200	msf_log				object	Y	N		Log information to respond	–
			conditions			object	Y	N		Acquisition condition information on logs to respond	–
				log_type		string	Y	N		Response log type	Either "api_access" or "processing" is included in the response value
				log_levels		string[ ]	Y	N	N	Log level to respond	One or more of the following are stored in the response list. "Error", "warning", "info"
				controllers		string[ ]	Y	N	N	List of controllers subject to acquisition	One or more of the following are stored in the response list. "Mfc", "fc", "ec", "em"
				clusters		string[ ]	Y	N	Y	List of IDs of clusters to be acquired	When the acquisition target controller is MFC only, it responds with an empty array
				start_date		string	Y	Y		Start date of specified log acquisition target period	Format is "YYYYMMDD" If no condition is specified, a null value is stored.
				end_date		string	Y	Y		End date of specified log acquisition target period	"Format is" YYYYMMDD " If no condition is specified, a null value is stored. "
				limit_number		int	Y	Y		Maximum number of acquisition log entries (number of rows) specified	When the condition is not specified, the upper limit value of the number of logs that the MSF controller can respond is set
				search_string		string	Y	Y		Specified search target character string	If no condition is specified, a null value is stored. If the specified character string contains characters that need to be escaped, it is escaped by the ¥ mark.
				merge_type		string	Y	N		Log merging type	The response value is either "separate" or "merge"
			merged_log			object	N	Y		Merged controller log information	Required when the log merge type is "merge". In the case of "separating", this parameter does not respond. Log information that logs of all controllers matching the specified condition are merged in chronological order.
				data_number		int	Y	N		Number of logs	Store the number of acquired logs.
				over_limit_number		boolean	Y	N		Whether the number of logs to be acquired exceeds the upper limit	It stores whether the number of logs to respond exceeds the specified upper limit number. Example: If there are 1001 acquisition subjects when there are 1,000 acquisition limit number, the number of logs to be responded (data_number) is 1000 and over_limit_number returns true. 1000 cases When getting exactly, the number of responses is 1000, over_limit_number returns false.
				log_data		object[ ]	Y	N	Y	List of log information	If the number of acquired logs is 0, respond with an empty array.
					cluster_id	string	N	Y		Cluster ID of the cluster in which the log occurred	If the controller in which the log occurred is MFC, this parameter is not responded.
					contoller	string	Y	N		The controller that generated the log	–
					server_name	string	Y	N		The host name of the server where the log occurred	–
					occurred_time	string	Y	N		time of occurrence	–
					log_level	string	Y	N		Log level	–
					thread_id	string	Y	N		Thread ID of log generation location	–
					class_name	string	Y	N		Class name of log output location	–
					method_name	string	Y	N		Method name of log output part	–
					line_number	int	Y	N		Number of lines of log output location	–
					message	string	Y	N		Log message	–
			mfc_logs			object[ ]	N	Y	N	MFC log information	Required when the access log is specified as the log type, or when the log type is processing log and MFC is specified for the acquisition target controller and the log merging type is "separate". If it does not meet the above conditions, it will not respond.
				data_number		int	Y	N		Number of logs	Store the number of acquired logs.
				over_limit_number		boolean	Y	N		Whether the number of logs to be acquired exceeds the upper limit	It stores whether the number of logs to respond exceeds the specified upper limit number. Example: If there are 1001 acquisition subjects when there are 1,000 acquisition limit number, the number of logs to be responded (data_number) is 1000 and over_limit_number returns true. 1000 cases When getting exactly, the number of responses is 1000, over_limit_number returns false.
				server_name		string	Y	N		The host name of the server where the log occurred	–
				log_data		object[ ]	Y	N	Y	List of log information	If the number of acquired logs is 0, respond with an empty array.
					occurred_time	string	Y	N		time of occurrence	–
					log_level	string	Y	N		Log level	–
					thread_id	string	Y	N		Thread ID of log generation location	–
					class_name	string	Y	N		Class name of log output location	–
					method_name	string	Y	N		Method name of log output part	–
					line_number	int	Y	N		Number of lines of log output location	–
					message	string	Y	N		Log message	–
			cluster_logs			object[ ]	N	Y	N	List of in-cluster log information	Required when log merging type is "separate". It does not respond when merge type "merge". Responds to the specified cluster ID min parameter.
				cluster_id		string	N	N		Cluster ID of the log acquisition target cluster	–
				fc_log		object	×	Y		FC log information	Required if FC is specified for the controller to be acquired.
					The same structure as the parameter (data_number, log_data) in "mfc_log"						
				ec_log		object	N	Y		EC log information	Required if EC is specified for the controller to be acquired.
					The same structure as the parameter (data_number, log_data) in "mfc_log"						
				em_log		object	N	Y		EM log information	Required if EM is specified for the controller to be acquired.
					The same structure as the parameter (data_number, log_data) in "mfc_log"						
		Refer to the "Error response format" sheet for error response										

Body uses JSON format.