



NX-API Response Codes

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The following are the possible NX-API errors, error codes, and messages of an NX-API response.



Note The standard HTTP error codes are at the Hypertext Transfer Protocol (HTTP) Status Code Registry (<http://www.iana.org/assignments/http-status-codes/http-status-codes.xhtml>).

Table 1: NX-API Response Codes

NX-API Response	Code	Message
SUCCESS	200	Success.
CUST_OUTPUT_PIPED	204	Output is piped elsewhere due to request.
BASH_CMD_ERR	400	Input Bash command error.
CHUNK_ALLOW_ONE_CMD_ERR	400	Chunking only allowed to one command.
CLI_CLIENT_ERR	400	CLI execution error.
CLI_CMD_ERR	400	Input CLI command error.
EOC_NOT_ALLOWED_ERR	400	The <code>EOC</code> value is not allowed as session Id in the request.
IN_MSG_ERR	400	Request message is invalid.
MSG_VER_MISMATCH	400	Message version mismatch.
NO_INPUT_CMD_ERR	400	No input command.
SID_NOT_ALLOWED_ERR	400	Invalid character that is entered as a session ID.
PERM_DENY_ERR	401	Permission denied.

CONF_NOT_ALLOW_SHOW_ERR	405	Configuration mode does not allow show .
SHOW_NOT_ALLOW_CONF_ERR	405	Show mode does not allow configuration.
EXCEED_MAX_SHOW_ERR	413	Maximum number of consecutive show commands exceeded. The maximum is 10.
MSG_SIZE_LARGE_ERR	413	Response size too large.
RESP_SIZE_LARGE_ERR	413	Response size stopped processing because it exceeded the maximum message size. The maximum is 200 MB.
EXCEED_MAX_INFLIGHT_CHUNK_REQ_ERR	429	Maximum number of concurrent chunk requests is exceeded. The maximum is 2.
OBJ_NOT_EXIST	432	Requested object does not exist.
BACKEND_ERR	500	Backend processing error.
CREATE_CHECKPOINT_ERR	500	Error creating a checkpoint.
DELETE_CHECKPOINT_ERR	500	Error deleting a checkpoint.
FILE_OPER_ERR	500	System internal file operation error.
LIBXML_NS_ERR	500	System internal LIBXML NS error.
LIBXML_PARSE_ERR	500	System internal LIBXML parse error.
LIBXML_PATH_CTX_ERR	500	System internal LIBXML path context error.
MEM_ALLOC_ERR	500	System internal memory allocation error.
ROLLBACK_ERR	500	Error executing a rollback.
SERVER_BUSY_ERR	500	Request is rejected because the server is busy.
USER_NOT_FOUND_ERR	500	User not found from input or cache.
VOLATILE_FULL	500	Volatile memory is full. Free up memory space and retry.
XML_TO_JSON_CONVERT_ERR	500	XML to JSON conversion error.
BASH_CMD_NOT_SUPPORTED_ERR	501	Bash command not supported.
CHUNK_ALLOW_XML_ONLY_ERR	501	Chunking allows only XML output.
CHUNK_ONLY_ALLOWED_IN_SHOW_ERR	501	Response chunking allowed only in <code>show</code> commands.
CHUNK_TIMEOUT	501	Timeout while generating chunk response.
CLI_CMD_NOT_SUPPORTED_ERR	501	CLI command not supported.

JSON_NOT_SUPPORTED_ERR	501	JSON not supported due to large amount of output.
MALFORMED_XML	501	Malformed XML output.
MSG_TYPE_UNSUPPORTED_ERR	501	Message type not supported.
OUTPUT_REDIRECT_NOT_SUPPORTED_ERR	501	Output redirection is not supported.
PIPE_OUTPUT_NOT_SUPPORTED_ERR	501	Pipe operation not supported.
PIPE_XML_NOT_ALLOWED_IN_INPUT	501	Pipe XML is not allowed in input.
PIPE_NOT_ALLOWED_IN_INPUT	501	Pipe is not allowed for this input type.
RESP_BIG_USE_CHUNK_ERR	501	Response is greater than the allowed maximum. The maximum is 10 MB. Use XML or JSON output with chunking enabled.
RESP_BIG_JSON_NOT_ALLOWED_ERR	501	Response has large amount of output. JSON not supported.
STRUCT_NOT_SUPPORTED_ERR	501	Structured output unsupported.
ERR_UNDEFINED	600	Undefined.

