/agent/<agent_id>/log/<transaction_id>

Overview

The /agent/<agent_id>/log/<transaction_id> call is used to list a specific transaction log and for Agents to update a transaction log with new entries.

GET /agent/<agent_id>/log/<transaction_id>

This call will return the list of log entries for the <transaction_id> transaction for the <agent_id> agent.

Request

Parameters: none

Response

Headers

Status:

- 200 OK - API was successful
- 400 Bad Request - You included information that the server could not process (a query string, missing headers, etc.)
- 401 Unauthorized - The username/password was incorrect.
- 403 Forbidden - You are not authorized to make this API call.
- 404 Not Found - The resource you were looking for was not found.
- 500 Internal Server Error - A problem in the server prevented completion of the request.
- 503 Service Unavailable - A resource or capacity problem prevented completion of the request.

Body

A JSON document listing log entries for the transaction.

```
{
    "parent": "/api/v1/agent/a001/log",
    "transactions":
    [
        {
            "status": "SUCCESS",
            "timestamp": "2015-05-12T19:03:53",
            "message": "Transaction log initiated",
            "stage": "AGENT_INIT"
        },
        {
             "status": "SUCCESS",
             "timestamp": "2015-05-12T19:04:02",
             "message": "Dumped 39904321 bytes",
             "stage": "AGENT_DUMP"
        }
    ]
}
```

POST /agent/<agent_id>/log/<transaction_id>

This call allows an Agent to create a new transaction log entry. The combination of timestamp, stage and status must be unique.

Request

Parameters:

- timestamp - (string, required) The client-side time stamp to initialize the transaction log with. Note: the server the Agent runs on uses the timezone for the location.
- stage - (string, required) The operational statge being reported on. Valid stages are:

- AGENT_INIT - This stage is reserved for creating the transaction log and cannot be specified by the Agent. It gets created when the /agent/<agent_id>/log API is used.
- AGENT_DUMP - This stage represents the extraction of data from the Cloud Control database and validation.
- AGENT_COMPRESS - This stage represents the compression of the extracted data. This is an optional processing step and log entries for this stage may not exist.
- AGENT_ENCRYPT - This stage represents the encryption of the extracted data. This is an optional processing step and log entries for this stage may not exist.
- AGENT_TRANSFER - This stage represents the transfer of the extracted data to the central staging area.
- AGENT_END - This state represents the end of the Agent-portion transaction.
- status - (string, required) The status of the operation. Valid values include:
    - SUCCESS - The operation completed successfully.
    - WARNING - The operation was partially successful. Any problems encountered are not fatal to the entire operation.
    - FAIL - The operation failed but will be repeated.
    - FATAL - The operation failed and cannot be repeated.
- message - (string, optional) This is a free-form message giving additional information regarding the operation. There is a limit of 1024 bytes.

Response

Headers

Status:

- 200 OK - API was successful
- 201 Created - The entry in the transaction log was created.
- 400 Bad Request - You included information that the server could not process (missing parameters, missing headers, etc.)
- 401 Unauthorized - The username/password was incorrect.
- 403 Forbidden - You are not authorized to make this API call.
- 404 Not Found - The resource you were looking for was not found.
- 500 Internal Server Error - A problem in the server prevented completion of the request.
- 503 Service Unavailable - A resource or capacity problem prevented completion of the request

Body

This call returns no body in the response.