### sonar-set-ip-address

Synchronizes specified field values from an input record to the internal IP asset database.

#### Syntax

sonar-set-ip-address fields=FIELDS [batchsize=INT] [company=GUID]

#### Parameters

**fields=FIELDS**

List of fields to be synchronized, separated by a comma with a following space. See the [Input Fields](https://docs.logpresso.com/en/query/sonar-set-ip-address-command) below for a detailed description.

Input Fields

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field | Name | Type | Length | Description |
| priority | Priority | 32-bit Integer |  | 3 (High), 2 (Medium), 1 (Low) |
| category\_name | Device type | String | 255 char. | Uncategorized if names are not matched |
| hostname | Host name | String | 255 char. | Computer name or host name |
| workgroup | Work group | String | 255 char. | NT domain or work group |
| emp\_key | Admin(MAIN) employee key | String | 255 char. | Input ignored if keys not matched |
| emp\_key2 | Admin(SUB) employee key | String | 255 char. | Input ignored if keys not matched |
| description | Description | String | 2000 char. |  |
| os\_name | OS | String | 50 char. |  |
| os\_ver | OS version | String | 20 char. |  |
| mac | MAC address | String | 20 char. |  |
| location | Install location | String | 255 char. |  |
| installed | Install date | Date |  |  |
| ext0 | Extended field #0 | String | 255 char. |  |
| ext1 | Extended field #1 | String | 255 char. |  |
| ext2 | Extended field #2 | String | 255 char. |  |
| ext3 | Extended field #3 | String | 255 char. |  |
| ext4 | Extended field #4 | String | 255 char. |  |
| ext5 | Extended field #5 | String | 255 char. |  |
| ext6 | Extended field #6 | String | 255 char. |  |
| ext7 | Extended field #7 | String | 255 char. |  |
| ext8 | Extended field #8 | String | 255 char. |  |
| ext9 | Extended field #9 | String | 255 char. |  |

1. category\_name: The device type is labeled as 'Uncategorized' if the device type value from the input record does not match the device type value in the database.
2. emp\_key, emp\_key2: The input is ignored if the employee key value in the input record does not match the employee key value in the database.
3. You can customize the IP asset database by applying global setting on sonar as follows: logpresso> sonar.setGlobalOption ip\_custom\_fields "0=Manufacturer,1=Model name"

**batchsize=INT**

Number of records to process per commit. The valid range for INT is from 1 to 5000. Specifying this parameter is particulaly useful when processing a large amount of IP address data, as it improves by reducing the number of transactions. However, if an error occurs during synchronization, the process fails for the entire batch.

**company=COMPANY**

Company (tenant) GUID identifier. If not specified, the GUID of the the company assigned to the user account is used as default. When running a query in a system account, you must specify the tenant GUID using this option.

#### Description

This command matches the ip field value from the input record to the IP values in the database. If a match is found, the corresponding object in the database is updated for the field values specified by the 'fields' option. If no match is found, a new entry is added to the database.

Input record must contain a valid IP address value in the ip field. The ip value can be either a string or an IP address. If any value of other type is provided, the synchronization fails and an invalid ip error code is generated to the \_error field. When the ip value is null, an ip is null error code is output to the \_error field.

When the fields option is used, any field that does not exist in the input record will be assigned a null value in the database. On the other hand, When the fields option is not specified, the field values will not be synced, even if the input record contains fields with the same names.

Output Fields

This query command returns all fields from the input record as is. If any error occurs, this query command returns an \_error field in addition to the fields from input record.

|  |  |  |
| --- | --- | --- |
| Field | Type | Description |
| \_error | String | Error description |

#### Usage

Sync the Genian NAC asset data to the internal IP asset database.

The following example is using the app-extended command [genian-nac-nodes](https://logpresso.store/ko/apps/genian-nac/commands/genian-nac-nodes). Users can synchronize the entire Genian NAC IP asset information to the Logpresso Sonar IP asset database.

genian-nac-nodes | rename nt\_domain as workgroup, first\_seen as installed, platform as os\_name, nic\_vendor as ext0, type as category\_name | eval priority = if(category\_name != "PC", 2, 1) | sonar-set-ip-address batchsize=10 fields="priority, category\_name, hostname, workgroup, emp\_key, emp\_key2, description, os\_name, os\_ver, mac, location, installed, ext0"