

# Configure FieldIdMapping on BroadWorks AS

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## Introduction

This document describes the actions to perform to disable Fields from the CDRs (Call Detail Record) created by the BroadWorks Application Server (AS).

## Prerequisites

### Requirements

- Basic AS knowledge
- Basic BW bwcli knowledge

### Components Used

- Cisco BW AS

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

## Problem

When new features are introduced in the AS, it can be also necessary to introduce new CDR fields, which are used for accounting and billing purposes.

This could cause some Mediation Systems to reject the CDRs or to throw errors or alarms, because the new fields cannot be understood or recognised.

The problem can be often seen following the patching (up to Release 24) or upgrade (starting from Release 25) of the BroadWorks (BW) AS, as these are both actions that could introduce new features.

## Solution

The solution for this problem is to disable the fields, so that the AS does not populate the new fields in the CDRs.

To perform this, navigate to **AS\_CLI/Interface/Accounting/FieldIdMapping** and run the **get** command to

show the current field settings (showing a partial output for brevity):

```
AS_CLI> cd /Interface/Accounting/FieldIdMapping
AS_CLI/Interface/Accounting/FieldIdMapping> get
```

Internal Id	External Id	Description
...		
473	473	stirShaken.attestationLevel
474	474	stirShaken.origUUID
475	475	publicNetworkAddress
476	476	visitedNetworkId
477	477	groupCallQueuePut.invocationTime
...		

You have already identified, from the error on your Mediation System, that the problem is caused by Field 475 publicNetworkAddress.

Run the **clear** command to disable the field, like in this example:

```
AS_CLI/Interface/Accounting/FieldIdMapping> clear 475 externalId
A restart is required for the change to take effect.
```

Run the **get** again, to review the change:

```
AS_CLI> cd /Interface/Accounting/FieldIdMapping
AS_CLI/Interface/Accounting/FieldIdMapping> get
```

Internal Id	External Id	Description
...		
473	473	stirShaken.attestationLevel
474	474	stirShaken.origUUID
475		publicNetworkAddress
476	476	visitedNetworkId
477	477	groupCallQueuePut.invocationTime
...		

Now that the External Id in field 475 is blank, the AS does not populate it in the CDRs.

Note that the field is still present, and the number of fields can grow in the CDR when new features are added. The Mediation System must just discard excess fields or be updated to account for the new fields.

It is also important to note that, as per the warning in the bwcli after running the clear command, the BW processes need to be restarted for the changes to take effect.

In order to do this, from the AS bwcli run this command as **bwadmin**:

```
bwadmin@AS01$ restartbw
```

The restart of the BW processes must always be performed during a maintenance window.

For further information on BW AS Accounting and CDRs, you can check the [Cisco BroadWorksAccounting Call Detail Record Interface Specification](#).