



CHAPTER 8

Features and Services

Revised: July 24, 2009, OL-3743-42

This chapter defines features and services and their associated tables for customers.



Note

In this chapter, an asterisk preceding a token name means the token is mandatory. A token without an asterisk is optional.



Caution

Feature tokens are always entered in uppercase, or you will receive the following message: “Reply: Database is void of entries.” For example, enter AC_ACT, not ac_act. Also, feature tokens must be typed with an underscore “_” or you will receive the following message: “Reply: Database is void of entries.” For example, enter AC_ACT, not AC-ACT.

Application Server (Release 4.5)

The Application Server (app-server) table is used for Voice Mail and Privacy Manager features.

Table Name: APP-SERVER

Table Containment Area: Call Agent, FSPTC

Command Types

Show, add, change, and delete

Examples

```
show app-server id=vm01;
add app-server id=vm01;app-server-dn=469-255-0001; app-server-access-number=469-255-0001;
description=Voice Mail ID 1;
change app-server id=vm01; app-server-dn=469-255-0000; app-server-access-dn=469-255-0000;
delete app-server id=vm01;
```

Usage Guidelines

Primary Key Token(s): id

Add Rules: None

Change Rules: None

Delete Rules: None

Syntax Description

* ID	Primary key. The application server id. VARCHAR(16): 1–16 ASCII characters.
* APP-SERVER-DN	Specifies whether to forward calls to an application server. For POTS subscribers, this token specifies a directory number (DN); for Centrex subscribers, this token specifies an extension. VARCHAR(14): 1–14 digits.
APP-SERVER-ACCESS-DN	Specifies the application server access DN if the DN is different from the application server DN. This DN is used by the Call Agent when a user dials a star code to access the application server. VARCHAR(14): 1–14 digits. Note If this token is not provisioned, this token defaults to the app-server-dn.
APP-SERVER-TYPE	Application server type. Example: Voice Mail, Privacy Manager. VARCHAR(16): 1–16 ASCII characters. Permitted values are: VM—Voice Mail PM—Privacy Manager
AUTO-REFRESH	Specifies whether to display cached data on the screen. Valid only for the show command. CHAR(1): Y/N (Default = Y). Y—Queries the database for the most current data. N—Queries the database for the most current data only if the cached data is unavailable.
DESCRIPTION (EMS-only field)	Described by the service provider. VARCHAR(64): 1–64 ASCII characters.
DISPLAY	Specifies what token information to display on the screen. Valid only for the show command. VARCHAR(1024): 1–1024 (Default = all tokens are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
LIMIT	Specifies the number of rows to display on the screen. Valid only for the show command. INTEGER: 1–100000000 (Default = 100000000). Note The actual maximum number of rows displayed is currently lower than 100000000 due to software limitations.

ORDER	Specifies whether to display data on the screen in a sorted order. Valid only for the show command. VARCHAR(1024): 1–1024 (Default = all rows are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
START-ROW	Specifies to begin displaying data on the screen at a specific row. Valid only for the show command. INTEGER: 1–100000000 (Default = 1).

Class of Service Restriction

Class of service (COS) screening allows subscribers, or a group of subscribers, to have different collections of privileges and features assigned to them.

The COS Restrict (cos-restrict) table identifies the restrictions on a subscriber's class of service, including restrictions on the calls the subscriber can make (screening).

Call type and casual call screening are not performed for North American Numbering Plan (NANP¹) and international operator calls, even though NANP or casual call restrictions are requested for a calling party.

Account codes are not collected for:

- 0+, NANP operator calls
- 01+, international operators calls
- local calls

Table Name: COS-RESTRICT

Table Containment Area: FSPTC

Command Types

Show, add, change, and delete

Examples

```
show cos-restrict id=basic;
add cos-restrict id=basic;
change cos-restrict id=basic; acct-code-allow=y; auth-code-length=10;
auth-code-grp-id=cisco;
delete cos-restrict id=basic;
```

Usage Guidelines

Primary Key Token(s): id

Foreign Key Token(s): auth-code-grp-id

Add Rules: None.

Change Rules: None.

Delete Rules:

- ID does not exist in any casual-wb-list::cos-restrict-id.

1. In North America, national calls may be referred to as NANP calls.

- ID does not exist in any intl-wb-list::cos-restrict-id.
- ID does not exist in any national-wp-wb-list::cos-restrict-id.
- ID does not exist in any subscriber::cos-restrict-id.
- ID does not exist in any subscriber-profile::cos-restrict-id.
- ID does not exist in any ani::cos-restrict-id.
- ID does not exist in any trunk-grp::cos-restrict-id.

**Note**

The auth-code is not collected if block-da or block-intl are used.

Syntax Description

* ID	Primary key. Class of service screening for a subscriber or trunk group. ID assigned to subscriber/trunk group by service provider. VARCHAR(16): 1–16 ASCII characters.
ACCT-CODE-ALLOW	Indicates whether the user must dial an account code. CHAR(1): Y/N (Default = N).
ACCT-CODE-LENGTH	Number of digits in account code. Determined by customer request. SMALLINT: 2–12.
ALLOW-CALLS-ON-IVR-FAILURE (Release 4.5)	Specifies whether to allow calls that fail to connect to the IVR during authorization code collection to go through. CHAR(1): Y/N (Default = N). Y—Call is allowed. N—Call is not allowed. Note This token can only be set to Y if prompt-method=IVR.
AUTH-CODE-ALLOW	Mandatory if acct-code-allow=Y. Indicates whether dialing party must enter a code to be connected. CHAR(1): Y/N (Default = N).
AUTH-CODE-GRP-ID	Mandatory if auth-code-allow=Y. Foreign key: Authorization Code Group table. ID number assigned in the Authorization Code Group table. Determined by customer request. VARCHAR(16): 1–16 ASCII characters.
AUTH-CODE-LENGTH	Mandatory if auth-code-allow=Y. Number of digits in authorization code. Determined by customer request. SMALLINT: 3–23.
AUTO-REFRESH	Specifies whether to display cached data on the screen. Valid only for the show command. CHAR(1): Y/N (Default = Y). Y—Queries the database for the most current data. N—Queries the database for the most current data only if the cached data is unavailable.
BLOCK-900	Used to block 900 calls. CHAR(1): Y/ N (Default = N).

BLOCK-976	Used to block 976 calls. CHAR(1): Y/ N (Default = N).
BLOCK-DA	Used to block calls to Directory Assistance. CHAR(1): Y/ N (Default = N).
BLOCK-INFO	Used to block calls to information services. CHAR(1): Y/ N (Default = N).
BLOCK-INTL	Used to block International Calls CHAR(1): Y/ N (Default = N).
BLOCK-INTL-OPER-ASSIST	Used to block International Operator assistance. CHAR(1): Y/ N (Default = N).
BLOCK-NANP-OPER-ASSIST	Use to block Operator assistance with calls to NANP numbers. The restriction applies to both 0- and 0+ calls. CHAR(1): Y/ N (Default = N).
BLOCK-TW	Used to block calls to Time and Weather. CHAR(1): Y/ N (Default = N).
CASUAL-RESTRICT-TYPE	Specifies the 101XXXX (casual call) restriction type. VARCHAR(16): 1–16 ASCII characters. Permitted values are: ALL-CICS-ALLOWED (Default)—All casual calls are allowed. NO-CICS-ALLOWED—No casual calls are allowed. USE-WHITE-LIST—Calls to carriers appearing on the White List are allowed. USE-BLACK-LIST—Calls to carriers not appearing on the Black List are allowed.
DISPLAY	Specifies what token information to display on the screen. Valid only for the show command. VARCHAR(1024): 1–1024 (Default = all tokens are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
II-RESTRICT	Specifies originating line information (OLI) White Black List screening type. Used for Tandem call screening. VARCHAR(5): 1–5 ASCII characters. Permitted values are: NONE (Default)—No OLI screening. WHITE—Use screening list as a White List. BLACK—Use screening list as a Black List.
INTL-RESTRICT-TYPE	International restriction type. Determines level of restriction for international calls by country code. VARCHAR(16): 1–16 ASCII characters. Permitted values are: ALL-CC-ALLOWED (Default)—Calls to all countries allowed. NO-CC-ALLOWED—Restrict international calls. USE-WHITE-LIST—Use as a White List. USE-BLACK-LIST—Use as a Black List.

LIMIT	Specifies the number of rows to display on the screen. Valid only for the show command. INTEGER: 1–100000000 (Default = 100000000). Note The actual maximum number of rows displayed is currently lower than 100000000 due to software limitations.
NATIONAL-WB-LIST	National White Black List. Restricts access to lines according to White List, Black List, or neither (no restriction). VARCHAR(5): 1–5 ASCII characters. Permitted values are: NONE (Default)—No screening or restrictions on national calls. WHITE—Use as a White List. BLACK—Use as a Black List.
NATIONAL-RESTRICT-TYPE	National restriction type. Determines the level of restriction for national calls. Restriction type all-nanp-calls is specific only to North America. VARCHAR(16): 1–16 ASCII characters. Permitted values are: ALL-NANP-CALLS (Default)—All NANP/national dialed calls are allowed. NATIONAL-ONLY—Only national calls terminating within the country are allowed. INTRASTATE-ONLY—Only intrastate calls are allowed. INTRALATA-ONLY—Only intraLATA calls are allowed (restrict interLATA calls). LOCAL-ONLY—Only local calls are allowed.
NOD-WB-LIST	Specifies nature of dial White Black List screening type. VARCHAR(5): 1–5 ASCII characters. Permitted values are: NONE (Default)—No NOD screening. WHITE—Use screening list as a White List. BLACK—Use screening list as a Black List.
ORDER	Specifies whether to display data on the screen in a sorted order. Valid only for the show command. VARCHAR(1024): 1–1024 (Default = all rows are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
PROMPT-METHOD (Release 4.5)	Specifies whether to use a tone or IVR to prompt for an authorization or account code. VARCHAR(16): 1–16 ASCII characters. TONE (Default)—Use a tone to prompt for an authorization or account code. IVR—Use IVR to prompt for an authorization or account code.
START-ROW	Specifies to begin displaying data on the screen at a specific row. Valid only for the show command. INTEGER: 1–100000000 (Default = 1).

Feature

The Feature (feature) table defines characteristics for the features supported by the Cisco BTS 10200 Softswitch.



Note

To define features, you must specify a type/value pair. Therefore, to change the values for a feature, issue the **change** command according to the following example:

```
change feature fname=OCB; type1=pin-len; value1=5; type2=to; value2=2-; type3=fail-cnt;
value3=4; type4=lock-out; value4=60;
```

Table Name: FEATURE

Table Containment Area: FSPTC, FSAIN

Command Types

Show, add, change, and delete

Examples

```
show feature fname=CFU;
add feature fname=cfu; tdp1=termination-attempt-authorized;
tid1=termination-attempt-authorized; ttype1=R; tdp2=collected-information;
tid2=vertical-service-code; ttype2=R; feature-server-id=FSPTC203; fname1=cfua;
fname2=cfud;
change feature fname=cfu; type1=mcf; value1=n;
delete feature fname=cfu;
```

Usage Guidelines

Primary Key Token(s): fname

Foreign Key Token(s): tdp1, tid1, feature-server-id, f-name

Add Rules: Both type/value tokens are required as a pair.

Change Rules: Both type/value tokens are required as a pair.

Delete Rules: fname cannot exist in any service::fnameⁿ where n = 1 to 10.

Syntax Description

* FNAME	Primary key. Foreign key: Feature Profile Base table. Feature name. See Appendix B, “Valid Features,” for valid feature names. VARCHAR(16): 1–16 ASCII characters.
* FEATURE-SERVER-ID	Foreign key: Feature Server table. Identifies the Feature Server. VARCHAR(8): 1–8 ASCII characters.
AUTO-REFRESH	Specifies whether to display cached data on the screen. Valid only for the show command. CHAR(1): Y/N (Default = Y). Y—Queries the database for the most current data. N—Queries the database for the most current data only if the cached data is unavailable.

DESCRIPTION (EMS-only field)	Described by the service provider. VARCHAR(64): 1–64 ASCII characters.
DISPLAY	Specifies what token information to display on the screen. Valid only for the show command. VARCHAR(1024): 1–1024 (Default = all tokens are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
FNAME1	Feature name 1. Additional feature associated with FNAME. VARCHAR(16): 1–16 ASCII characters.
FNAME2	Feature name 2. Additional feature associated with FNAME. VARCHAR(16): 1–16 ASCII characters.
FNAME3	Feature name 3. Additional feature associated with FNAME. VARCHAR(16): 1–16 ASCII characters.
FNAME4	Feature name 4. Additional feature associated with FNAME. VARCHAR(16): 1–16 ASCII characters.
FNAME5 (Release 4.5)	Foreign key: Feature Profile Base table. Feature Name 5. Additional feature associated with FNAME. VARCHAR(16): 1–16 ASCII characters.
FS-SWITCH OVER-ON- CA-CONN- LOSS	Used when the Feature Server detects a connectivity loss with all associated Call Agents. This token determines if the Feature Server will switch over to its mate or keep trying for connection to Call Agent. CHAR(1): Y (Default = Y). Note Only the value of Y is allowed.
GRP- FEATURE	Specifies if this is a group feature. All members of a group have access to a feature by default. CHAR(1): Y/N (Default = N). Y—This is a group feature. N—This is not a group feature.
LIMIT	Specifies the number of rows to display on the screen. Valid only for the show command. INTEGER: 1–100000000 (Default = 100000000). Note The actual maximum number of rows displayed is currently lower than 100000000 due to software limitations.
ORDER	Specifies whether to display data on the screen in a sorted order. Valid only for the show command. VARCHAR(1024): 1–1024 (Default = all rows are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
SK (Not used)	Service key. SMALLINT: 1–255.

START- ROW	Specifies to begin displaying data on the screen at a specific row. Valid only for the show command. INTEGER: 1–100000000 (Default = 1).
TDP1 (EMS-only field)	Foreign key: TDP table. Trigger detection point. VARCHAR(32): 1–32 ASCII characters.
TDP2 (EMS-only field)	Additional trigger detection point if required. VARCHAR(32): 1–32 ASCII characters.
TDP3 (EMS-only field)	Additional trigger detection point if required. VARCHAR(32): 1–32 ASCII characters.
TID1 (EMS-only field)	Foreign key: TID table. Trigger ID. VARCHAR(32): 1–32 ASCII characters.
TID2 (EMS-only field)	Additional trigger ID if required. VARCHAR(32): 1–32 ASCII characters.
TID3 (EMS-only field)	Additional trigger ID if required. VARCHAR(32): 1–32 ASCII characters.
TTYTYPE1 (EMS-only field)	Trigger type. Reports an occurrence of an event in the Call Agent. Specifies whether a response regarding an event is required from the Feature Server. CHAR(1): R/N. R—Request. A response is required from the Feature Server. N—Notify. No response is required from the Feature Server.
TTYTYPE2 (EMS-only field)	Additional trigger type if required. Reports an occurrence of an event in the Call Agent. Specifies whether a response regarding an event is required from the Feature Server. CHAR(1): R/N. R—Request. A response is required from the Feature Server. N—Notify. No response is required from the Feature Server.
TTYTYPE3 (EMS only field)	Additional trigger type if required. Reports an occurrence of an event in the Call Agent. Specifies whether a response regarding an event is required from the Feature Server. CHAR(1): R/N. R—Request. A response is required from the Feature Server. N—Notify. No response is required from the Feature Server.

TYPE1 Defines feature-specific default values.

VARCHAR(8): 1–8 ASCII characters. Permitted values are:

0—Lock out indefinitely.

180—The service is locked out for activation or deactivation for the lockout period after the fail-cnt reaches the specified threshold. The lockout period begins after the last failed attempt.

CC—Courtesy call.

AN—Make courtesy call during call forwarding activation. Answer on CC is required to activate call forwarding.

NOANS—Make courtesy call during call forwarding activation. Answer on CC is not required to activate call forwarding.

N—No courtesy call during call forwarding activation.

Y—Make courtesy call during call forwarding activation.

FAIL-CNT—Number of consecutive failures allowed before service is locked.

FDT—Final dial tone.

N—Do not provide final dial tone

Y—Provide final dial tone

NO-TONE (Release 4.5)

DIAL-TONE (Release 4.5)

STUTTER-DIAL-TONE (Release 4.5)

CONFIRMATION-TONE (Release 4.5)

CONFIRMATION-DIAL-TONE (Release 4.5)

**Caution**

As of Release 4.5, no validation is performed on the FDT values. Invalid values may be accepted, but the feature will not work correctly.

INTL—Specifies whether international call forwarding is allowed. Applies to CFUA, CFNAVA and CBVA features.

LOCK-OUT—Lockout period, in minutes, for the OCB feature. Range is 1–180 (Default = 30).

MCF—Multiple call forwarding. It determines if multiple call forwarding is allowed when call forwarding unconditional is encountered. By default, only one call at a time can be forwarded from any subscriber. If MCF is set to Y, multiple simultaneous calls can be forwarded.

PIN-LEN—Pin length for OCB feature. Range is 1–8 (Default = 4 digits).

RR (Default)—Ring reminder for call forwarding unconditional feature.

SDT—Provides a second dial tone after the access code.

N—Do not provide second dial tone.

Y—Provide second dial tone.

NO-TONE (Release 4.5)

DIAL-TONE (Release 4.5)

STUTTER-DIAL-TONE (Release 4.5)

CONFIRMATION-TONE (Release 4.5)

CONFIRMATION-DIAL-TONE (Release 4.5)

**Caution**

As of Release 4.5, no validation is performed on the SDT values. Invalid values may be accepted, but the feature will not work correctly.

TO—Feature dependent. (1) Specifies default timeout period for call forwarding no answer feature. A timeout is the number of seconds to ring a phone before forwarding. Six seconds is equivalent to one ring. (2) Specifies the number of seconds for dial tone timeout for warmline feature. (3) Specifies the number of minutes before the OCB service is unlocked for activation and deactivation. (4) Specifies the default timeout period for call waiting feature. If call is not answered within the value, the incoming call is disconnected.

VALUE1 = 0 means features are ignored.

VALUE1 = 1–180 tracks the number of consecutive failures within the TO time span. The time span begins with the first failure.

VALUE2 = 0 means no service lockout.

VALUE2 = 1–10 is the number of unsuccessful attempts to activate or deactivate OCB before service is locked out.

TYPE2	Feature-specific data type2. VARCHAR(8): 1–8 ASCII characters.
TYPE3	Feature-specific data type3. VARCHAR(8): 1–8 ASCII characters.
TYPE4	Feature-specific data type4. VARCHAR(8): 1–8 ASCII characters.
VALUE1	Value for data type1. VARCHAR(5): 1–5 ASCII characters. VARCHAR(32): 1–32 ASCII characters. (Release 4.5) If this field is set to Y for RR, and the subscriber is SIP, there is no effect.
VALUE2	Value for data type2. VARCHAR(5): 1–5 ASCII characters. VARCHAR(32): 1–32 ASCII characters. (Release 4.5)
VALUE3	Value for data type3. VARCHAR(5): 1–5 ASCII characters. VARCHAR(32): 1–32 ASCII characters. (Release 4.5)
VALUE4	Value for data type4. VARCHAR(5): 1–5 ASCII characters. VARCHAR(32): 1–32 ASCII characters. (Release 4.5)

Table 8-1 lists the supported trigger detection points (TDPs) and trigger IDs (TIDs).

Table 8-1 Trigger Detection Points and Trigger IDs to Feature Mapping Tokens

Trigger Detection Point (TDP)	Trigger ID (TID)	Features
ANALYZED_INFORMATION		Not used
CALL_ACCEPTED	CALL_ACCEPTED	CFC, CFNA, VM
CALL_ACCEPTED	CALL_ACCEPTED_NOTIFY	ALERT_NOTIFY
COLLECTED_INFORMATION	911_TRIGGER	911
COLLECTED_INFORMATION	COS_TRIGGER	COS, OCB
COLLECTED_INFORMATION	CUSTOMIZE_DIALING_PLAN	CDP, DND_ACT, DND_DEACT
COLLECTED_INFORMATION	LCD_TRIGGER	LCD, LNP
COLLECTED_INFORMATION	LNP_TRIGGER	LNP
COLLECTED_INFORMATION	SC1D_TRIGGER	GSC1D, SC1D
COLLECTED_INFORMATION	SC2D_TRIGGER	GSC2D, SC2D
COLLECTED_INFORMATION	SPECIFIC_DIGIT_STRING	8XX

Table 8-1 Trigger Detection Points and Trigger IDs to Feature Mapping Tokens (continued)

Trigger Detection Point (TDP)	Trigger ID (TID)	Features
COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	AC, AR, AC_ACT, AC_DEACT, ACRA, ACR_ACT, ACRD, ACR_DEACT, AR_ACT, AR_DEACT, CBLK, CCW, CFBI, CFBVA, CFBVD, CFC_ACT, CFC_DEACT, CFC_DN_CHG_ACT, CFCI, CFCI_NO_DN_VRFY, CFNAI, CFNAVA, CFNAVD, CFUA, CFUD, CFUI, CFVABBG, CIDSD, CIDSS, CNAB, CNDB, COT, CWDA, CWDD, CWDI, DPN, DPU, DRCW_ACT, HOTVD, HOTVI, NSA_ACT, OCBA, OCB, OCBI, PS_MANAGE, PS_O, RACF_PIN, SC1D_ACT, SC2D_ACT, SCA_ACT, SCF_ACT, SCR_ACT, SLE, VM_ACCESS, VM_ACT, VM_DEACT, VMA_ACT, VMA_DEACT
FACILITY_SELECTED_AND_AVAILABLE	TERMINATION_RESOURCE_AVAILABLE	CNAM, CND
O_ABANDON		Not used
O_ANSWER		Not used
O_ATTEMPT	ORIGINATION_ATTEMPT	Not used
O_ATTEMPT_AUTHORIZED	O_ATTEMPT_AUTHD	HOTLINE, HOTV, WARMLINE
O_CALLED_PARTY_BUSY		Not used
O_DISCONNECT		Not used
O_EXCEPTION		Not used
O_MID_CALL	O_SWITCH_HOOK_FLASH_IMMEDIATE	CCW, CHD, CPRK, CT, TWC, TWCD, USTWC
O_MID_CALL	REFER_TRIGGER	REFER
O_NO_ANSWER		Not used
O_NOT_REACHABLE		Not used
O_NULL		Not used
O_RE_ANSWER		Not used
O_SUSPEND		Not used
O_TERM_SEIZED		Not used
ROUTE_SELECT_FAILURE		Not used
ROUTE_SELECTED	ROUTE_SELECTED	OSFG
T_ABANDON_DP	T_ABANDON_DP	Not used
T_ANSWER	T_ANSWER	IVR, RACF, RACF_PIN, SLE
T_BUSY	T_BUSY	CFB, CFC, CIDCW, CW, CWD, VM
T_DISCONNECT	T_DISCONNECT	Not used

Table 8-1 Trigger Detection Points and Trigger IDs to Feature Mapping Tokens (continued)

Trigger Detection Point (TDP)	Trigger ID (TID)	Features
T_EXCEPTION	ACCOUNT_CODE	Not used
T_EXCEPTION	D_OF_TRIGGER	Not used
T_EXCEPTION	T_EXCEPTION	Not used
T_EXCEPTION	T_NOT_REACHABLE	CFB
T_MID_CALL	T_SWITCH_HOOK_FLASH_IMMEDIATE	CCW, CHD, CT, TWC, USTWC, CPRK
T_MID_CALL	REFER_TRIGGER	REFER
T_NO_ANSWER	T_NO_ANSWER	Not used
T_NOT_REACHABLE	T_NOT_REACHABLE	Not used
T_NULL		Not used
T_REANSWER	T_REANSWER	Not used
T_SUSPEND	T_SUSPEND	Not used
TERMINATION_ATTEMPT	TERMINATION_ATTEMPT	BLV
TERMINATION_ATTEMPT_AUTHORIZED	TERMINATION_ATTEMPT_AUTHORIZED	ACR, CFU, CFVBBG, DACWI, DND, DRCW, ISFG, MDN, NSA, PS, , RCF, SCA, SCF, SCR, VMA

Feature Configuration (Release 4.5)

The Feature Configuration (feature-config) table defines feature-specific configurable parameters. Valid parameters for this table are defined in the Feature Configuration Base table.

Table Name: FEATURE-CONFIG

Table Containment Area: FSPTC, FSAIN

Command Types

Show, add, change, and delete

Examples

```
show feature-config fname=ar;
add feature-config fname=ar; type=ARAC-NAME-VOICEBACK-OPTION; datatype=BOOLEAN; value=N;
change feature-config fname=ar; type=ARAC-NAME-VOICEBACK-OPTION; value=Y;
delete feature-config fname=ar; type=ARAC-NAME-VOICEBACK-OPTION;
```

Usage Guidelines

Primary Key Token(s): id, type

Foreign Key Token(s): id

Add Rules: None.

Change Rules: None.

Delete Rules: None.

Syntax Description

* FNAME	Primary key. Foreign key: Feature table. Feature Name. VARCHAR(16): 1–16 ASCII characters.
* TYPE	Primary key. Feature type. VARCHAR(50): 1–50 ASCII characters.
* VALUE	Feature value. VARCHAR(64): 1–64 ASCII characters.
AUTO-REFRESH	Specifies whether to display cached data on the screen. Valid only for the show command. CHAR(1): Y/N (Default = Y). Y—Queries the database for the most current data. N—Queries the database for the most current data only if the cached data is unavailable.
DATATYPE	Not provisionable. Populated from the Feature Configuration Base table. VARCHAR(16): 1–16 ASCII characters. Permitted values are: BOOLEAN INTEGER STRING DIGITS
DESCRIPTION	Described by the service provider. VARCHAR(64): 1–64 ASCII characters.
DISPLAY	Specifies what token information to display on the screen. Valid only for the show command. VARCHAR(1024): 1–1024 (Default = all tokens are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
LIMIT	Specifies the number of rows to display on the screen. Valid only for the show command. INTEGER: 1–100000000 (Default = 100000000). Note The actual maximum number of rows displayed is currently lower than 100000000 due to software limitations.
ORDER	Specifies whether to display data on the screen in a sorted order. Valid only for the show command. VARCHAR(1024): 1–1024 (Default = all rows are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
START-ROW	Specifies to begin displaying data on the screen at a specific row. Valid only for the show command. INTEGER: 1–100000000 (Default = 1).

Feature Configuration Base (Release 4.5)

The Feature Configuration Base (feature-config-base) table is a nonprovisionable table that performs constraint checks. This table is provisioned from the Feature Configuration table. See [Appendix B, “Feature Configuration Base Types and Values \(Release 4.5\)”](#) for the specific parameters of this table.

Table Name: FEATURE-CONFIG-BASE

Command Types

Show

Examples

```
show feature-config-base; fname=SLE; TYPE=T1-TIMER;
```

Usage Guidelines

Primary Key Token(s): id, type

Syntax Description

* FNAME	Primary key. Feature name. VARCHAR(16): 1–16 ASCII characters.
* TYPE	Primary key. Specifies the type of data. VARCHAR(50): 1 - 50 ASCII characters.
* DATATYPE	Specifies the data for the defined type. VARCHAR(8): 1–8 ASCII characters. Permitted values are: BOOLEAN—Value is BOOLEAN (Y, N, YES, NO). INTEGER—Value is an integer. STRING—Value is a character string. DIGITS—Value is a digit string.
AUTO-REFRESH	Specifies whether to display cached data on the screen. Valid only for the show command. CHAR(1): Y/N (Default = Y). Y—Queries the database for the most current data. N—Queries the database for the most current data only if the cached data is unavailable.
CHK-POS-VAL	Specifies whether the EMS validates the to-value against one of the values provisioned in Table 8-2 . CHAR(1): Y/N (Default = N).
DEFAULT-VALUE	The default value associated with data type defined in the type token. VARCHAR(64): 1–64 ASCII characters.
DISPLAY	Specifies what token information to display on the screen. Valid only for the show command. VARCHAR(1024): 1–1024 (Default = all tokens are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.

FROM-VALUE	Beginning value of the range for the type. Valid only if datatype=INTEGER. See Appendix B, “Feature Configuration Base Types and Values (Release 4.5).”
LIMIT	Specifies the number of rows to display on the screen. Valid only for the show command. INTEGER: 1–100000000 (Default = 100000000). Note The actual maximum number of rows displayed is currently lower than 100000000 due to software limitations.
ORDER	Specifies whether to display data on the screen in a sorted order. Valid only for the show command. VARCHAR(1024): 1–1024 (Default = all rows are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
START-ROW	Specifies to begin displaying data on the screen at a specific row. Valid only for the show command. INTEGER: 1–100000000 (Default = 1).
TO-VALUE	Ending value of the range for the type. Valid only if datatype=INTEGER. See Appendix B, “Feature Configuration Base Types and Values (Release 4.5).”

[Table 8-2](#) lists the permitted values for the chk-pos-val token and the Feature Configuration Base Possible Value table.

Table 8-2 Feature Configuration Base Possible Values

Fname	Type	Value
SLE	LIST-EDITING-RETURN-KEY	*
SLE	LIST-EDITING-RETURN-KEY	#
SLE	LIST-EDITING-RETURN-KEY	*#
PS	PRIVACY-UNKNOWN-TREATMENT	PUBLIC
PS	PRIVACY-UNKNOWN-TREATMENT	ANONYMOUS
ACR	PRIVACY-UNKNOWN-TREATMENT	PUBLIC
ACR	PRIVACY-UNKNOWN-TREATMENT	ANONYMOUS

Feature Configuration Base Possible Value (Release 4.5)

The Feature Configuration Base Possible Value (feature-config-base-pos-val) table is a nonprovisionable table that performs constraint checks on any possible value for any particular feature-config parameter.

Table Name: FEATURE-CONFIG-BASE-POS-VAL

Command Types

Show

Examples

```
show feature-config-base-pos-val; fname=SLE; type=LIST-EDITING-RETURN-KEY; value=*
```

Usage Guidelines

Primary Key Token(s): id, value

Foreign Key Token(s): fname

Syntax Description

* FNAME	Primary Key. Foreign key: Feature Configuration Base table. The feature name. VARCHAR(16): 1–16 ASCII characters.
* TYPE	The type of data. The value column in Table 8-2 defines the data for the defined type. VARCHAR(50): 1–50 ASCII characters.
* VALUE	Primary key. Defines the value associated with the type. VARCHAR(64): 1–64 ASCII characters. See Table 8-2 for permitted values. These values must be entered in UPPERCASE (Release 4.5.1)
AUTO-REFRESH	Specifies whether to display cached data on the screen. CHAR(1): Y/N (Default = Y). Y—Queries the database for the most current data. N—Queries the database for the most current data only if the cached data is unavailable.
DISPLAY	Specifies what token information to display on the screen. VARCHAR(1024): 1–1024 (Default = all tokens are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
LIMIT	Specifies the number of rows to display on the screen. INTEGER: 1–100000000 (Default = 100000000). Note The actual maximum number of rows displayed is currently lower than 100000000 due to software limitations.
ORDER	Specifies whether to display data on the screen in a sorted order. VARCHAR(1024): 1–1024 (Default = all rows are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
START-ROW	Specifies to begin displaying data on the screen at a specific row. INTEGER: 1–100000000 (Default = 1).

Feature Profile Base (Release 4.5)

The Feature Profile Base (feature-profile-base) table defines all valid type-value pairs that are associated with a feature. The table is not provisionable.

Command Types

Show

Examples

```
show feature-profile-base fname=CFU;
```

Usage Guidelines

Primary Key Token(s): fname

Syntax Description

* FNAME	Primary key. The feature name. VARCHAR(16): 1–16 ASCII characters.
* TYPE	Defines the feature-specific default values. VARCHAR(8): 1–8 ASCII characters.
* DATATYPE	The type of data. VARCHAR(16): 1–16 ASCII characters. Permitted values are: BOOLEAN INTEGER STRING
* DEFAULT-VALUE	The default value of the data type. VARCHAR(5): 1–5 ASCII characters.
AUTO-REFRESH	Specifies whether to display cached data on the screen. Valid only for the show command. CHAR(1): Y/N (Default = Y). Y—Queries the database for the most current data. N—Queries the database for the most current data only if the cached data is unavailable.
DESCRIPTION	Described by the service provider. VARCHAR(64): 1–64 ASCII characters.
DISPLAY	Specifies what token information to display on the screen. Valid only for the show command. VARCHAR(1024): 1–1024 (Default = all tokens are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
FROM-VALUE	Beginning value of the range for the type. Valid only if datatype=INTEGER. See Appendix B, “Feature Configuration Base Types and Values (Release 4.5).”

LIMIT	Specifies the number of rows to display on the screen. Valid only for the show command. INTEGER: 1–100000000 (Default = 100000000). Note The actual maximum number of rows displayed is currently lower than 100000000 due to software limitations.
ORDER	Specifies whether to display data on the screen in a sorted order. Valid only for the show command. VARCHAR(1024): 1–1024 (Default = all rows are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
START-ROW	Specifies to begin displaying data on the screen at a specific row. Valid only for the show command. INTEGER: 1–100000000 (Default = 1).
TO-VALUE	Ending value of the range for the type. Valid only if datatype=INTEGER. See Appendix B, “Feature Configuration Base Types and Values (Release 4.5).”

Nature of Dial Restrict List

The Nature of Dial Restrict List (nod-restrict-list) table defines feature specific restrictions list based on the nature of dial (NOD). If a NOD exists in the table, the feature activation is denied. This table is checked during activation by the following features:

- HOTVA—Hotline Variable Activation
- CFUA—Call Forwarding Unconditional Activation
- CFNAVA—Call Forwarding No Answer Variable Activation
- CFBVA—Call Forwarding Busy Variable Activation

Table Name: NOD-RESTRICT-LIST

Table Containment Area: FSPTC

Command Types

Show, add, and delete

Examples

```
show nod-restrict-list fname=CFU;  
add nod-restrict-list fname=CFU; nod=EMG;  
delete nod-restrict-list fname=CFU; nod=EMG;
```

Usage Guidelines

Primary Key Token(s): fname, nod

Foreign Key Token(s): fname, nod

Add Rules: None.

Change Rules: None.

Delete Rules: None.

Syntax Description

* FNAME	Primary key. Foreign key: Feature table. The feature exception list ID. VARCHAR(16): 1–16 ASCII characters.
* NOD	Primary key. Foreign key: Nature of Dial table. The nature of the dial. VARCHAR(16): 1–16 ASCII characters.
AUTO-REFRESH	Specifies whether to display cached data on the screen. Valid only for the show command. CHAR(1): Y/N (Default = Y). Y—Queries the database for the most current data. N—Queries the database for the most current data only if the cached data is unavailable.
DISPLAY	Specifies what token information to display on the screen. Valid only for the show command. VARCHAR(1024): 1–1024 (Default = all tokens are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.

LIMIT	Specifies the number of rows to display on the screen. Valid only for the show command. INTEGER: 1–100000000 (Default = 100000000). Note The actual maximum number of rows displayed is currently lower than 100000000 due to software limitations.
ORDER	Specifies whether to display data on the screen in a sorted order. Valid only for the show command. VARCHAR(1024): 1–1024 (Default = all rows are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
START-ROW	Specifies to begin displaying data on the screen at a specific row. Valid only for the show command. INTEGER: 1–100000000 (Default = 1).

Valid NOD values are specified in [Table 8-3](#).

Table 8-3 Valid NOD Values

Nature of Dial	Description
500	500 (PCS) Call
700	700 Call
900	900 (Premium Rate) Call
976	976 (Information) Call
AIRLINES	Airlines Information and Reservation
AMBULANCE	Ambulance
ANA	Automatic Number Announcement
ATTENDANT	Attendant Access (Centrex)
BLV	Busy Line Verification (Release 4.5)
BUSINESS	Business Office
CASUAL	Casual Call
CUT-THRU	Cut-thru Call
DA	Directory Assistance Call
DA-TOLL	Directory Assistance Toll Call
EMG	Emergency Call
EXTENSION	Extension Dialing
FIRE	Fire
INFO	Information Call (976)
INTERLATA	InterLATA Toll Call
INTL	International Call
INTL-OPR	International Operator Assisted
INTL-WZ1	International call within World Zone 1 (outside of contiguous 48 states)

Table 8-3 **Valid NOD Values (continued)**

Nature of Dial	Description
LB-TEST	Loopback Test Call (108 Test Line)
LNP	Local Number Portability Call (Release 4.5)
LOCAL	Local Call
LRN	Location Routing Number
MOBILE	Calls to Mobile Network
NAS	Network Access Server
NATIONAL	National Call
NAT-OPR	National Operator Assisted Call
NON-EMG	Non Emergency Number (311)
OPERATOR	Operator Call
PCS	PCS (500) Call
POLICE	Police
PREMIUM	Premium Rate Call (900)
RAILWAYS	Railways Information and Reservation
RELAY	Relay
REPAIR	Repair Bureau
SPEED-CALL	Speed Calling (Release 4.5)
SUBSCRIBER	Subscriber Call
SVC-CODE	Generic Service Code Call Type
TANDEM	Tandem Call
TEST-CALL	Test Call
TIME	Time
TOLL	IntraLATA Toll Call
TOLL-FREE	Toll-Free Call
TRAFFIC	Traffic Accident Report
TW	Time and Weather
WEATHER	Weather Report

Outgoing Call Barring Profile (Release 4.4.1)

The Outgoing Call Barring (OCB) Profile (ocb-profile) table defines an OCB Profile. The OCB Profile can be defined at a POP level by provisioning the ocb-profile-id in the Point of Presence (POP) table or at the Call Agent level by provisioning the default-ocb-profile-id in the Call Agent Configuration (CA-CONFIG) table. If an OCB Profile id is not provisioned in either the POP table or the CA-CONFIG table, then a default OCB behavior is used. If an ocb-profile-id is provisioned in the POP table and an ID is provisioned in the OCB Profile table, the ocb-profile-id in the POP table has precedence.

Table Name: OCB-PROFILE

Table Containment Area: FSPTC, EMS

Command Types

Show, add, change, and delete

Examples

```
show ocb-profile id=atlantaPop;
add ocb-profile id=atlantaPop;
change ocb-profile id=atlantaPop; all-calls-restrict-k-value=9;
delete ocb-profile id=atlantaPop;
```

Usage Guidelines

Primary Key Token(s): id

Add Rules: None.

Change Rules: None.

Delete Rules: None.

Syntax Description

* ID	Primary key. The OCB profile id. VARCHAR(16): 1–16 ASCII characters.
ALL-CALLS-RESTRICT-K-VALUE	The default k-value. The default k-value restricts all calls except emergency and other calls as defined by the COS Trigger Escape List. INTEGER: 0–9 (Default = 1). 0—Specifies that the all-call-restriction option does not apply.
AUTO-REFRESH	Specifies whether to display cached data on the screen. Valid only for the show command. CHAR(1): Y/N (Default = Y). Y—Queries the database for the most current data. N—Queries the database for the most current data only if the cached data is unavailable.

DEACTIVATION- OPTION	Specifies whether the k-value is required for OCB deactivation. VARCHAR(20): 1–20 ASCII characters. Permitted values are: NO-K-VALUE (Default)—K-value is not required for deactivation. K-VALUE-MATCH—K-value is required and must match the current K-value used during activation. K-VALUE-NO-MATCH—K-value is required but is not matched with the K-value used during activation.
DESCRIPTION (EMS-only field)	Described by the service provider. VARCHAR(64): 1–64 ASCII characters.
DISPLAY	Specifies what token information to display on the screen. Valid only for the show command. VARCHAR(1024): 1–1024 (Default = all tokens are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
FAIL-CNT	Fail count. Specifies the number of consecutive failures allowed before the service is locked. INTEGER: 0–10 (Default = 3). 0—No service lockout. 1–10—Specifies the number of invalid attempts to activate or deactivate OCB before service is locked out.
LIMIT	Specifies the number of rows to display on the screen. Valid only for the show command. INTEGER: 1–100000000 (Default = 100000000). Note The actual maximum number of rows displayed is currently lower than 100000000 due to software limitations.
LOCK-OUT	Specifies the lockout period of time in minutes. The service is locked out for activation or deactivation during this lockout period after the fail-cnt reaches the specified threshold. The lockout period begins after the last failed attempt. INTEGER: 0–180 (Default = 30). 0—Lock out indefinitely. The service provider must reset the subscriber to unlock.
MAX-K-VALUES	Specifies the maximum number of k-values supported by the OCB feature. INTEGER: 1–9 (Default = 3).
ORDER	Specifies whether to display data on the screen in a sorted order. Valid only for the show command. VARCHAR(1024): 1–1024 (Default = all rows are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
PIN-LEN	Specifies the private identification number (PIN) length used by the OCB feature. INTEGER: 1–8 (Default = 4).

START-ROW	Specifies to begin displaying data on the screen at a specific row. Valid only for the show command. INTEGER: 1–100000000 (Default = 1).
TO	Specifies a time span in minutes within which the number of consecutive failures is counted. The time span begins with the first failure. INTEGER: 0–180 (Default = 30). 0—Ignore all failures.

Outgoing Call Barring K Value (Release 4.4.1)

The Outgoing Call Barring K Value (ocb-k-value) table associates call types to a particular k-value. A k-value is an integer from 1 to 9 that is dialed by a user to select different levels of OCB restrictions. Multiple call types can be provisioned against each k-value. A call type can be associated with multiple k-values. Each call type/k-value combination generates one unique record in the Element Management System.



Note

Multiple call types can be specified during add and delete commands. If multiple call types are specified in a command and one of the call types is invalid, then the whole command is rejected and must be reprovisioned.



Note

Use the forced token to delete all records against a particular k-value or to delete all records for an ocb-profile-id.

Table Name: OCB-K-VALUE

Table Containment Area: FSPTC, EMS

Command Types

Show, add, and delete

Examples

```
show ocb-k-value ocb-profile-id=atlantaPop;
add ocb-k-value ocb-profile-id=atlantaPop; k-value=1; call-type=local, national, intl,
mobile;
delete ocb-k-value ocb-profile-id=atlantaPop; k-value=1; call-type=local;
delete ocb-k-value ocb-profile-id=atlantaPop; FORCED=Y; deletes all records associated
with the atlantaPop;
delete ocb-k-value ocb-profile-id=atlantaPop; k-value=3; FORCED=Y; deletes all records
associated with atlantaPop and k-value=3;
```

Usage Guidelines

Primary Key Token(s): ocb-profile-id, k-value, call-type

Foreign Key Token(s): ocb-profile-id, call-type

Add Rules: None.

Change Rules: None.

Delete Rules: None.

Syntax Description

* OCB-PROFILE-ID	Primary key. Foreign key: OCB Profile table. The OCB Profile id as specified in the OCB Profile table. VARCHAR(16) 1–16 ASCII characters.
* CALL-TYPE	Primary key. Foreign key: Call Type table. Specifies the call type to block for the associated k-value. VARCHAR(16): 1–16 ASCII characters. VARCHAR(1024): 1–1024 ASCII characters. (Release 4.5.1)
* K-VALUE	Primary key. The k-value associated with the call type. INTEGER: 1–9.
AUTO-REFRESH	Specifies whether to display cached data on the screen. Valid only for the show command. CHAR(1): Y/N (Default = Y). Y—Queries the database for the most current data. N—Queries the database for the most current data only if the cached data is unavailable.
DISPLAY	Specifies what token information to display on the screen. Valid only for the show command. VARCHAR(1024): 1–1024 (Default = all tokens are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
FORCED	Specifies whether to delete all records for a particular k-value. CHAR(1): Y/N (Default = N). N—Do not delete all records. Y—Delete all records. Note Valid only for the delete command. If an ocb-profile-id is provisioned in the POP table and an ID is provisioned in the OCB-PROFILE table, the ocb-profile-id in the POP table has precedence. If Y is specified, then the call-type token is not allowed.
LIMIT	Specifies the number of rows to display on the screen. Valid only for the show command. INTEGER: 1–100000000 (Default = 100000000). Note The actual maximum number of rows displayed is currently lower than 100000000 due to software limitations.

ORDER	Specifies whether to display data on the screen in a sorted order. Valid only for the show command. VARCHAR(1024): 1–1024 (Default = all rows are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
START-ROW	Specifies to begin displaying data on the screen at a specific row. Valid only for the show command. INTEGER: 1–100000000 (Default = 1).

Service

The Service (service) table defines services and features. A service is a collection of one or more features. Each feature within a service can have one or more triggers. A service is invoked when a trigger is reached. Services can be dynamically created within the Cisco BTS 10200 Softswitch. The service provider defines a service and the features associated with it. Up to ten commonly used features can be grouped into a service and up to fifty services can be provisioned per subscriber. The subscriber is then provisioned with a service-id instead of individual features.



Note

Limitation: Services are triggered based on the trigger detection point and the trigger ID. Some services share the same TDP/TID. In these situations, the Cisco BTS 10200 supports ten services per TDP/TID.

Table Name: SERVICE

Table Containment Area: FSPTC, FSAIN

Command Types

Show, add, change, and delete

Examples

```
show service id=basic;
add service id=basic; fname1= CFU; fname2=CFB; fname3=CFNA; fname4=CW;
change service id=basic; fname5=TWG;
delete service id=basic;
```

Usage Guidelines

Primary Key Token(s): id

Foreign Key Token(s): fname1, fname2, fname3, fname4, fname5, fname6, fname7, fname8, fname9, fname10

Add Rules: None.

Change Rules: None.

Delete Rules:

- id does not exist in any subscriber-service-profile::service-id.
- id does not exist in any trunk-grp-service-profile::service-id.
- id is allowed if id does not match the default-office-service-id in the Call Agent Configuration table. Id is not allowed if id matches the entry in the Call Agent Configuration table

Syntax Description.

* ID	Primary key. Unique identifier for the service. Assigned by service provider. VARCHAR(16): 1–16 ASCII characters.
AUTO-REFRESH	Specifies whether to display cached data on the screen. Valid only for the show command. CHAR(1): Y/N (Default = Y). Y—Queries the database for the most current data. N—Queries the database for the most current data only if the cached data is unavailable.
DESCRIPTION (EMS-only field)	Described by the service provider. VARCHAR(64): 1–64 ASCII characters.
DISPLAY	Specifies what token information to display on the screen. Valid only for the show command. VARCHAR(1024): 1–1024 (Default = all tokens are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
FNAME1	Foreign key: Feature table. Feature name 1. Up to ten features can be assigned to a service. The feature name (fname) is defined in the Feature table. VARCHAR(16): 1–16 ASCII characters.
FNAME10	Foreign key: Feature table. Feature name 10. VARCHAR(16): 1–16 ASCII characters.
FNAME2	Foreign key: Feature table. Feature name 2. VARCHAR(16): 1–16 ASCII characters.
FNAME3	Foreign key: Feature table. Feature name 3. VARCHAR(16): 1–16 ASCII characters.
FNAME4	Foreign key: Feature table. Feature name 4. VARCHAR(16): 1–16 ASCII characters.
FNAME5	Foreign key: Feature table. Feature name 5. VARCHAR(16): 1–16 ASCII characters.
FNAME6	Foreign key: Feature table. Feature name 6. VARCHAR(16): 1–16 ASCII characters.
FNAME7	Foreign key: Feature table. Feature name 7. VARCHAR(16): 1–16 ASCII characters.
FNAME8	Foreign key: Feature table. Feature name 8. VARCHAR(16): 1–16 ASCII characters.
FNAME9	Foreign key: Feature table. Feature name 9. VARCHAR(16): 1–16 ASCII characters.

LIMIT	Specifies the number of rows to display on the screen. Valid only for the show command. INTEGER: 1–100000000 (Default = 100000000). Note The actual maximum number of rows displayed is currently lower than 100000000 due to software limitations.
ORDER	Specifies whether to display data on the screen in a sorted order. Valid only for the show command. VARCHAR(1024): 1–1024 (Default = all rows are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
START-ROW	Specifies to begin displaying data on the screen at a specific row. Valid only for the show command. INTEGER: 1–100000000 (Default = 1).

Service Trigger

The Service Trigger (service-trigger) table is automatically provisioned when services are defined in the Service table. Triggers are assigned to each fnameⁿ (where n = 1–10) and are provisioned based on the Feature table. In addition, for each fnameⁿ, triggers assigned to fname1 and fname2 (see Feature Table) must be provisioned. A trigger is an event that occurs at some point during a call. This table specifies what event is triggered at what point in the call. Triggers are feature-specific—if a subscriber does not have any features assigned to it, no triggers are generated.

Table Name: SERVICE-TRIGGER

Table Containment Area: Call Agent

Command Types

Show

Examples

```
show service-trigger service-id=basic; tid=vertical-service-code;
tdp=collected-information; ttype=R;
```

Usage Guidelines

Primary Key Token(s): service-id, tdp, tid, ttype

Foreign Key Token(s): service-id, tdp, tid, feature-server-id

Add Rules: None.

Change Rules: None.

Delete Rules: None.

Syntax Description

* SERVICE-ID	Primary key. Foreign key: Service table. Must match ID in Service table. VARCHAR(16): 1–16 ASCII characters.
* TDP	Primary key. Foreign key: Trigger Detection Point table. The trigger detection point, based on the CS2 call model. The Call Agent uses the trigger-dp to determine whether or not to report an event to the Feature Server. Populated when a service package is defined. VARCHAR(32): 1–32 ASCII characters.
* TID	Primary key. Foreign key: Trigger Identification table. Trigger ID. VARCHAR(32): 1–32 ASCII characters.
* FEATURE-SERVER-ID	Foreign key: Feature Server table. Same as ID in the Feature Server table. VARCHAR(8): 1–8 ASCII characters.
AUTO-REFRESH	Specifies whether to display cached data on the screen. CHAR(1): Y/N (Default = Y). Y—Queries the database for the most current data. N—Queries the database for the most current data only if the cached data is unavailable.
DISPLAY	Specifies what token information to display on the screen. VARCHAR(1024): 1–1024 (Default = all tokens are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
LIMIT	Specifies the number of rows to display on the screen. INTEGER: 1–100000000 (Default = 100000000). Note The actual maximum number of rows displayed is currently lower than 100000000 due to software limitations.
ORDER	Specifies whether to display data on the screen in a sorted order. VARCHAR(1024): 1–1024 (Default = all rows are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
SK (Not used)	Service Key. SMALLINT: 1–255.
START-ROW	Specifies to begin displaying data on the screen at a specific row. INTEGER: 1–100000000 (Default = 1).
TTYPE	Primary key. The trigger type. Also specifies whether a response regarding an event is required from the Feature Server. CHAR(1): R/N (Default = R). R—Request: report an occurrence of an event in the Call Agent. A response is required from the Feature Server. N—Notify: report an occurrence of an event in the Call Agent. No response is required from the Feature Server.

Timezone (Release 4.2.1)

The Timezone (timezone) table specifies the timezones used by the Cisco BTS 10200 Softswitch. [Table 8-4](#) lists all supported timezones.



Note

Use the local timezone for countries without a timezone entry.

Table Name: TIMEZONE

Table Containment Area: EMS

Command Types

Show

Examples

```
show timezone;
```

Usage Guidelines

Primary Key Token(s): id

Syntax Description

* ID	Primary key. Assigned by the service provider to identify a specific digit map timezone. VARCHAR(32): 1–32 ASCII characters.
AUTO-REFRESH	Specifies whether to display cached data on the screen. Valid only for the show command. CHAR(1): Y/N (Default = Y). Y—Queries the database for the most current data. N—Queries the database for the most current data only if the cached data is unavailable.
DISPLAY	Specifies what token information to display on the screen. Valid only for the show command. VARCHAR(1024): 1–1024 (Default = all tokens are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
LIMIT	Specifies the number of rows to display on the screen. Valid only for the show command. INTEGER: 1–100000000 (Default = 100000000). Note The actual maximum number of rows displayed is currently lower than 100000000 due to software limitations.
ORDER	Specifies whether to display data on the screen in a sorted order. Valid only for the show command. VARCHAR(1024): 1–1024 (Default = all rows are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.

START-ROW	Specifies to begin displaying data on the screen at a specific row. Valid only for the show command. INTEGER: 1–100000000 (Default = 1).
DESCRIPTION (EMS-only field)	Described by the service provider. VARCHAR(64): 1–64 ASCII characters.

Table 8-4 shows the timezones supported by the Cisco BTS 10200 Softswitch.

Table 8-4 Supported Timezones

EMS Value	Platform Value	Timezone Name
LOCAL		Local System Time
AFRICA_ABIDJAN	GOS_TZ_AFRICA_ABIDJAN	Africa/Abidjan
AFRICA_ACCRA	GOS_TZ_AFRICA_ACCRA	Africa/Accra
AFRICA_ADDIS_ABABA	GOS_TZ_AFRICA_ADDIS_ABABA	Africa/Addis_Ababa
AFRICA_ALGIERS	GOS_TZ_AFRICA_ALGIERS	Africa/Algiers
AFRICA_ASMERA	GOS_TZ_AFRICA_ASMERA	Africa/Asmera
AFRICA_BAMAKO	GOS_TZ_AFRICA_BAMAKO	Africa/Bamako
AFRICA_BANGUI	GOS_TZ_AFRICA_BANGUI	Africa/Bangui
AFRICA_BANJUL	GOS_TZ_AFRICA_BANJUL	Africa/Banjul
AFRICA_BISSAU	GOS_TZ_AFRICA_BISSAU	Africa/Bissau
AFRICA_BLANTYRE	GOS_TZ_AFRICA_BLANTYRE	Africa/Blantyre
AFRICA_BRAZZAVILLE	GOS_TZ_AFRICA_BRAZZAVILLE	Africa/Brazzaville
AFRICA_BUJUMBURA	GOS_TZ_AFRICA_BUJUMBURA	Africa/Bujumbura
AFRICA_CAIRO	GOS_TZ_AFRICA_CAIRO	Africa/Cairo
AFRICA_CASABLANCA	GOS_TZ_AFRICA_CASABLANCA	Africa/Casablanca
AFRICA_CEUTA	GOS_TZ_AFRICA_CEUTA	Africa/Ceuta
AFRICA_CONAKRY	GOS_TZ_AFRICA_CONAKRY	Africa/Conakry
AFRICA_DAKAR	GOS_TZ_AFRICA_DAKAR	Africa/Dakar
AFRICA_DAR_ES_SALAAM	GOS_TZ_AFRICA_DAR_ES_SALAAM	Africa/Dar_es_Salaam
AFRICA_DJIBOUTI	GOS_TZ_AFRICA_DJIBOUTI	Africa/Djibouti
AFRICA_DOUALA	GOS_TZ_AFRICA_DOUALA	Africa/Douala
AFRICA_EL_AAIUN	GOS_TZ_AFRICA_EL_AAIUN	Africa/El_Aaiun
AFRICA_FREETOWN	GOS_TZ_AFRICA_FREETOWN	Africa/Freetown
AFRICA_GABORONE	GOS_TZ_AFRICA_GABORONE	Africa/Gaborone
AFRICA_HARARE	GOS_TZ_AFRICA_HARARE	Africa/Harare
AFRICA_JOHANNESBURG	GOS_TZ_AFRICA_JOHANNESBURG	Africa/Johannesburg
AFRICA_KAMPALA	GOS_TZ_AFRICA_KAMPALA	Africa/Kampala
AFRICA_KHARTOUM	GOS_TZ_AFRICA_KHARTOUM	Africa/Khartoum
AFRICA_KIGALI	GOS_TZ_AFRICA_KIGALI	Africa/Kigali

Table 8-4 **Supported Timezones (continued)**

EMS Value	Platform Value	Timezone Name
AFRICA_KINSHASA	GOS_TZ_AFRICA_KINSHASA	Africa/Kinshasa
AFRICA_LAGOS	GOS_TZ_AFRICA_LAGOS	Africa/Lagos
AFRICA_LIBREVILLE	GOS_TZ_AFRICA_LIBREVILLE	Africa/Libreville
AFRICA_LOME	GOS_TZ_AFRICA_LOME	Africa/Lome
AFRICA_LUANDA	GOS_TZ_AFRICA_LUANDA	Africa/Luanda
AFRICA_LUBUMBASHI	GOS_TZ_AFRICA_LUBUMBASHI	Africa/Lubumbashi
AFRICA_LUSAKA	GOS_TZ_AFRICA_LUSAKA	Africa/Lusaka
AFRICA_MALABO	GOS_TZ_AFRICA_MALABO	Africa/Malabo
AFRICA_MAPUTO	GOS_TZ_AFRICA_MAPUTO	Africa/Maputo
AFRICA_MASERU	GOS_TZ_AFRICA_MASERU	Africa/Maseru
AFRICA_MBABANE	GOS_TZ_AFRICA_MBABANE	Africa/Mbabane
AFRICA_MOGADISHU	GOS_TZ_AFRICA_MOGADISHU	Africa/Mogadishu
AFRICA_MONROVIA	GOS_TZ_AFRICA_MONROVIA	Africa/Monrovia
AFRICA_NAIROBI	GOS_TZ_AFRICA_NAIROBI	Africa/Nairobi
AFRICA_NDJAMENA	GOS_TZ_AFRICA_NDJAMENA	Africa/Ndjamena
AFRICA_NIAMEY	GOS_TZ_AFRICA_NIAMEY	Africa/Niamey
AFRICA_NOUAKCHOTT	GOS_TZ_AFRICA_NOUAKCHOTT	Africa/Nouakchott
AFRICA_OUAGADOUGOU	GOS_TZ_AFRICA_OUAGADOUGOU	Africa/Ouagadougou
AFRICA_PORTO_NOVO	GOS_TZ_AFRICA_PORTO_NOVO	Africa/Porto-Novo
AFRICA_SAO_TOME	GOS_TZ_AFRICA_SAO_TOME	Africa/Sao Tome
AFRICA_TIMBUKTU	GOS_TZ_AFRICA_TIMBUKTU	Africa/Timbuktu
AFRICA_TRIPOLI	GOS_TZ_AFRICA_TRIPOLI	Africa/Tripoli
AFRICA_TUNIS	GOS_TZ_AFRICA_TUNIS	Africa/Tunis
AFRICA_WINDHOEK	GOS_TZ_AFRICA_WINDHOEK	Africa/Windhoek
AMERICA_ADAK	GOS_TZ_AMERICA_ADAK	America/Adak
AMERICA_ANCHORAGE	GOS_TZ_AMERICA_ANCHORAGE	America/Anchorage
AMERICA_ANGUILLA	GOS_TZ_AMERICA_ANGUILLA	America/Anguilla
AMERICA_ANTIGUA	GOS_TZ_AMERICA_ANTIGUA	America/Antigua
AMERICA_ARAGUAINA	GOS_TZ_AMERICA_ARAGUAINA	America/Araguaina
AMERICA_ARUBA	GOS_TZ_AMERICA_ARUBA	America/Aruba
AMERICA_ASUNCION	GOS_TZ_AMERICA_ASUNCION	America/Asuncion
AMERICA_BARBADOS	GOS_TZ_AMERICA_BARBADOS	America/Barbados
AMERICA_BELEM	GOS_TZ_AMERICA_BELEM	America/Belem
AMERICA_BELIZE	GOS_TZ_AMERICA_BELIZE	America/Belize
AMERICA_BOGOTA	GOS_TZ_AMERICA_BOGOTA	America/Bogota
AMERICA_BOISE	GOS_TZ_AMERICA_BOISE	America/Boise

Table 8-4 **Supported Timezones (continued)**

EMS Value	Platform Value	Timezone Name
AMERICA_BUENOS_AIRES	GOS_TZ_AMERICA_BUENOS_AIRES	America/Buenos_Aires
AMERICA_CANCUN	GOS_TZ_AMERICA_CANCUN	America/Cancun
AMERICA_CARACAS	GOS_TZ_AMERICA_CARACAS	America/Caracas
AMERICA_CATAMARCA	GOS_TZ_AMERICA_CATAMARCA	America/Catamarca
AMERICA_CAYENNE	GOS_TZ_AMERICA_CAYENNE	America/Cayenne
AMERICA_CAYMAN	GOS_TZ_AMERICA_CAYMAN	America/Cayman
AMERICA_CHICAGO	GOS_TZ_AMERICA_CHICAGO	America/Chicago
AMERICA_CHIHUAHUA	GOS_TZ_AMERICA_CHIHUAHUA	America/Chihuahua
AMERICA_CORDOBA	GOS_TZ_AMERICA_CORDOBA	America/Cordoba
AMERICA_COSTA_RICA	GOS_TZ_AMERICA_COSTA_RICA	America/Costa_Rica
AMERICA_CUIABA	GOS_TZ_AMERICA_CUIABA	America/Cuiaba
AMERICA_CURACAO	GOS_TZ_AMERICA_CURACAO	America/Curacao
AMERICA_DAWSON	GOS_TZ_AMERICA_DAWSON	America/Dawson
AMERICA_DAWSON_CREEK	GOS_TZ_AMERICA_DAWSON_CREEK	America/Dawson_Creek
AMERICA_DENVER	GOS_TZ_AMERICA_DENVER	America/Denver
AMERICA_DETROIT	GOS_TZ_AMERICA_DETROIT	America/Detroit
AMERICA_DOMINICA	GOS_TZ_AMERICA_DOMINICA	America/Dominica
AMERICA_EDMONTON	GOS_TZ_AMERICA_EDMONTON	America/Edmonton
AMERICA_EL_SALVADOR	GOS_TZ_AMERICA_EL_SALVADOR	America/El_Salvador
AMERICA_ENSENADA	GOS_TZ_AMERICA_ENSENADA	America/Ensenada
AMERICA_FORTALEZA	GOS_TZ_AMERICA_FORTALEZA	America/Fortaleza
AMERICA_GLACE_BAY	GOS_TZ_AMERICA_GLACE_BAY	America/Glace_Bay
AMERICA_GODTHAB	GOS_TZ_AMERICA_GODTHAB	America/Godthab
AMERICA_GOOSE_BAY	GOS_TZ_AMERICA_GOOSE_BAY	America/Goose_Bay
AMERICA_GRAND_TURK	GOS_TZ_AMERICA_GRAND_TURK	America/Grand_Turk
AMERICA_GRENADA	GOS_TZ_AMERICA_GRENADA	America/Grenada
AMERICA_GUADELOUPE	GOS_TZ_AMERICA_GUADELOUPE	America/Guadeloupe
AMERICA_GUATEMALA	GOS_TZ_AMERICA_GUATEMALA	America/Guatemala
AMERICA_GUAYAQUIL	GOS_TZ_AMERICA_GUAYAQUIL	America/Guayaquil
AMERICA_GUYANA	GOS_TZ_AMERICA_GUYANA	America/Guyana
AMERICA_HALIFAX	GOS_TZ_AMERICA_HALIFAX	America/Halifax
AMERICA_HAVANA	GOS_TZ_AMERICA_HAVANA	America/Havana
AMERICA_INDIANA_INDIANAPOLIS	GOS_TZ_AMERICA_INDIANA_INDIANAPOLIS	America/Indiana/Indianapolis
AMERICA_INDIANA_KNOX	GOS_TZ_AMERICA_INDIANA_KNOX	America/Indiana/Knox
AMERICA_INDIANA_MARENGO	GOS_TZ_AMERICA_INDIANA_MARENGO	America/Indiana/Marengo

Table 8-4 **Supported Timezones (continued)**

EMS Value	Platform Value	Timezone Name
AMERICA_INDIANA_VEVAY	GOS_TZ_AMERICA_INDIANA_VEVAY	America/Indiana/Vevay
AMERICA_INDIANAPOLIS	GOS_TZ_AMERICA_INDIANAPOLIS	America/Indianapolis
AMERICA_INUVIK	GOS_TZ_AMERICA_INUVIK	America/Inuvik
AMERICA_IQALUIT	GOS_TZ_AMERICA_IQALUIT	America/Iqaluit
AMERICA_JAMAICA	GOS_TZ_AMERICA_JAMAICA	America/Jamaica
AMERICA_JUJUY	GOS_TZ_AMERICA_JUJUY	America/Jujuy
AMERICA_JUNEAU	GOS_TZ_AMERICA_JUNEAU	America/Juneau
AMERICA_LA_PAZ	GOS_TZ_AMERICA_LA_PAZ	America/La_Paz
AMERICA_LIMA	GOS_TZ_AMERICA_LIMA	America/Lima
AMERICA_LOS_ANGELES	GOS_TZ_AMERICA_LOS_ANGELES	America/Los_Angeles
AMERICA_LOUISVILLE	GOS_TZ_AMERICA_LOUISVILLE	America/Louisville
AMERICA_MACEIO	GOS_TZ_AMERICA_MACEIO	America/Maceio
AMERICA_MANAGUA	GOS_TZ_AMERICA_MANAGUA	America/Managua
AMERICA_MANAUS	GOS_TZ_AMERICA_MANAUS	America/Manaus
AMERICA_MARTINIQUE	GOS_TZ_AMERICA_MARTINIQUE	America/Martinique
AMERICA_MAZATLAN	GOS_TZ_AMERICA_MAZATLAN	America/Mazatlan
AMERICA_MENDOZA	GOS_TZ_AMERICA_MENDOZA	America/Mendoza
AMERICA_MENOMINEE	GOS_TZ_AMERICA_MENOMINEE	America/Menominee
AMERICA_MEXICO_CITY	GOS_TZ_AMERICA_MEXICO_CITY	America/Mexico_City
AMERICA_MIQUELON	GOS_TZ_AMERICA_MIQUELON	America/Miquelon
AMERICA_MONTEVIDEO	GOS_TZ_AMERICA_MONTEVIDEO	America/Montevideo
AMERICA_MONTREAL	GOS_TZ_AMERICA_MONTREAL	America/Montreal
AMERICA_MONTSEERRAT	GOS_TZ_AMERICA_MONTSEERRAT	America/Montserrat
AMERICA_NASSAU	GOS_TZ_AMERICA_NASSAU	America/Nassau
AMERICA_NEW_YORK	GOS_TZ_AMERICA_NEW_YORK	America/New_York
AMERICA_NIPIGON	GOS_TZ_AMERICA_NIPIGON	America/Nipigon
AMERICA_NOME	GOS_TZ_AMERICA_NOME	America/Nome
AMERICA_NORONHA	GOS_TZ_AMERICA_NORONHA	America/Noronha
AMERICA_PANAMA	GOS_TZ_AMERICA_PANAMA	America/Panama
AMERICA_PANGNIRTUNG	GOS_TZ_AMERICA_PANGNIRTUNG	America/Pangnirtung
AMERICA_PARAMARIBO	GOS_TZ_AMERICA_PARAMARIBO	America/Paramaribo
AMERICA_PHOENIX	GOS_TZ_AMERICA_PHOENIX	America/Phoenix
AMERICA_PORT_AU_PRINCE	GOS_TZ_AMERICA_PORT_AU_PRINCE	America/Port-au-Prince
AMERICA_PORT_OF_SPAIN	GOS_TZ_AMERICA_PORT_OF_SPAIN	America/Port_of_Spain
AMERICA_PORTO_ACRE	GOS_TZ_AMERICA_PORTO_ACRE	America/Porto_Acre
AMERICA_PORTO_VELHO	GOS_TZ_AMERICA_PORTO_VELHO	America/Porto_Velho

Table 8-4 **Supported Timezones (continued)**

EMS Value	Platform Value	Timezone Name
AMERICA_PUERTO_RICO	GOS_TZ_AMERICA_PUERTO_RICO	America/Puerto_Rico
AMERICA_RAINY_RIVER	GOS_TZ_AMERICA_RAINY_RIVER	America/Rainy_River
AMERICA_RANKIN_INLET	GOS_TZ_AMERICA_RANKIN_INLET	America/Rankin_Inlet
AMERICA_REGINA	GOS_TZ_AMERICA_REGINA	America/Regina
AMERICA_ROSARIO	GOS_TZ_AMERICA_ROSARIO	America/Rosario
AMERICA_SANTIAGO	GOS_TZ_AMERICA_SANTIAGO	America/Santiago
AMERICA_SANTO_DOMINGO	GOS_TZ_AMERICA_SANTO_DOMINGO	America/Santo_Domingo
AMERICA_SAO_PAULO	GOS_TZ_AMERICA_SAO_PAULO	America/Sao_Paulo
AMERICA_SCORESBYSUND	GOS_TZ_AMERICA_SCORESBYSUND	America/Scoresbysund
AMERICA_SHIPROCK	GOS_TZ_AMERICA_SHIPROCK	America/Shiprock
AMERICA_ST_JOHNS	GOS_TZ_AMERICA_ST_JOHNS	America/St_Johns
AMERICA_ST_KITTS	GOS_TZ_AMERICA_ST_KITTS	America/St_Kitts
AMERICA_ST_LUCIA	GOS_TZ_AMERICA_ST_LUCIA	America/St_Lucia
AMERICA_ST_THOMAS	GOS_TZ_AMERICA_ST_THOMAS	America/St_Thomas
AMERICA_ST_VINCENT	GOS_TZ_AMERICA_ST_VINCENT	America/St_Vincent
AMERICA_SWIFT_CURRENT	GOS_TZ_AMERICA_SWIFT_CURRENT	America/Swift_Current
AMERICA_TEGUCIGALPA	GOS_TZ_AMERICA_TEGUCIGALPA	America/Tegucigalpa
AMERICA_THULE	GOS_TZ_AMERICA_THULE	America/Thule
AMERICA_THUNDER_BAY	GOS_TZ_AMERICA_THUNDER_BAY	America/Thunder_Bay
AMERICA_TIJUANA	GOS_TZ_AMERICA_TIJUANA	America/Tijuana
AMERICA_TORTOLA	GOS_TZ_AMERICA_TORTOLA	America/Tortola
AMERICA_VANCOUVER	GOS_TZ_AMERICA_VANCOUVER	America/Vancouver
AMERICA_WHITEHORSE	GOS_TZ_AMERICA_WHITEHORSE	America/Whitehorse
AMERICA_WINNIPEG	GOS_TZ_AMERICA_WINNIPEG	America/Winnipeg
AMERICA_YAKUTAT	GOS_TZ_AMERICA_YAKUTAT	America/Yakutat
AMERICA_YELLOWKNIFE	GOS_TZ_AMERICA_YELLOWKNIFE	America/Yellowknife
ASIA_ADEN	GOS_TZ_ASIA_ADEN	Asia/Aden
ASIA_ALMATY	GOS_TZ_ASIA_ALMATY	Asia/Almaty
ASIA_AMMAN	GOS_TZ_ASIA_AMMAN	Asia/Amman
ASIA_ANADYR	GOS_TZ_ASIA_ANADYR	Asia/Anadyr
ASIA_AQTAU	GOS_TZ_ASIA_AQTAU	Asia/Aqtau
ASIA_AQTOBE	GOS_TZ_ASIA_AQTOBE	Asia/Aqtobe
ASIA_ASHKHABAD	GOS_TZ_ASIA_ASHKHABAD	Asia/Ashkhabad
ASIA_BAGHDAD	GOS_TZ_ASIA_BAGHDAD	Asia/Baghdad
ASIA_BAHRAIN	GOS_TZ_ASIA_BAHRAIN	Asia/Bahrain
ASIA_BAKU	GOS_TZ_ASIA_BAKU	Asia/Baku

Table 8-4 *Supported Timezones (continued)*

EMS Value	Platform Value	Timezone Name
ASIA_BANGKOK	GOS_TZ_ASIA_BANGKOK	Asia/Bangkok
ASIA_BEIRUT	GOS_TZ_ASIA_BEIRUT	Asia/Beirut
ASIA_BISHKEK	GOS_TZ_ASIA_BISHKEK	Asia/Bishkek
ASIA_BRUNEI	GOS_TZ_ASIA_BRUNEI	Asia/Brunei
ASIA_CALCUTTA	GOS_TZ_ASIA_CALCUTTA	Asia/Calcutta
ASIA_CHUNGKING	GOS_TZ_ASIA_CHUNGKING	Asia/Chungking
ASIA_COLOMBO	GOS_TZ_ASIA_COLOMBO	Asia/Colombo
ASIA_DACCA	GOS_TZ_ASIA_DACCA	Asia/Dacca
ASIA_DAMASCUS	GOS_TZ_ASIA_DAMASCUS	Asia/Damascus
ASIA_DUBAI	GOS_TZ_ASIA_DUBAI	Asia/Dubai
ASIA_DUSHANBE	GOS_TZ_ASIA_DUSHANBE	Asia/Dushanbe
ASIA_GAZA	GOS_TZ_ASIA_GAZA	Asia/Gaza
ASIA_HARBIN	GOS_TZ_ASIA_HARBIN	Asia/Harbin
ASIA_HONG_KONG	GOS_TZ_ASIA_HONG_KONG	Asia/Hong_Kong
ASIA_IRKUTSK	GOS_TZ_ASIA_IRKUTSK	Asia/Irkutsk
ASIA_ISTANBUL	GOS_TZ_ASIA_ISTANBUL	Asia/Istanbul
ASIA_JAKARTA	GOS_TZ_ASIA_JAKARTA	Asia/Jakarta
ASIA_JAYAPURA	GOS_TZ_ASIA_JAYAPURA	Asia/Jayapura
ASIA_JERUSALEM	GOS_TZ_ASIA_JERUSALEM	Asia/Jerusalem
ASIA_KABUL	GOS_TZ_ASIA_KABUL	Asia/Kabul
ASIA_KAMCHATKA	GOS_TZ_ASIA_KAMCHATKA	Asia/Kamchatka
ASIA_KARACHI	GOS_TZ_ASIA_KARACHI	Asia/Karachi
ASIA_KASHGAR	GOS_TZ_ASIA_KASHGAR	Asia/Kashgar
ASIA_KATMANDU	GOS_TZ_ASIA_KATMANDU	Asia/Katmandu
ASIA_KRASNOYARSK	GOS_TZ_ASIA_KRASNOYARSK	Asia/Krasnoyarsk
ASIA_KUALA_LUMPUR	GOS_TZ_ASIA_KUALA_LUMPUR	Asia/Kuala_Lumpur
ASIA_KUCHING	GOS_TZ_ASIA_KUCHING	Asia/Kuching
ASIA_KUWAIT	GOS_TZ_ASIA_KUWAIT	Asia/Kuwait
ASIA_MACAO	GOS_TZ_ASIA_MACAO	Asia/Macao
ASIA_MAGADAN	GOS_TZ_ASIA_MAGADAN	Asia/Magadan
ASIA_MANILA	GOS_TZ_ASIA_MANILA	Asia/Manila
ASIA_MUSCAT	GOS_TZ_ASIA_MUSCAT	Asia/Muscat
ASIA_NICOSIA	GOS_TZ_ASIA_NICOSIA	Asia/Nicosia
ASIA_NOVOSIBIRSK	GOS_TZ_ASIA_NOVOSIBIRSK	Asia/Novosibirsk
ASIA_OMSK	GOS_TZ_ASIA_OMSK	Asia/Omsk
ASIA_PHNOM_PENH	GOS_TZ_ASIA_PHNOM_PENH	Asia/Phnom_Penh

Table 8-4 Supported Timezones (continued)

EMS Value	Platform Value	Timezone Name
ASIA_PYONGYANG	GOS_TZ_ASIA_PYONGYANG	Asia/Pyongyang
ASIA_QATAR	GOS_TZ_ASIA_QATAR	Asia/Qatar
ASIA_RANGOON	GOS_TZ_ASIA_RANGOON	Asia/Rangoon
ASIA_RIYADH	GOS_TZ_ASIA_RIYADH	Asia/Riyadh
ASIA_SAIGON	GOS_TZ_ASIA_SAIGON	Asia/Saigon
ASIA_SAMARKAND	GOS_TZ_ASIA_SAMARKAND	Asia/Samarkand
ASIA_SEOUL	GOS_TZ_ASIA_SEOUL	Asia/Seoul
ASIA_SHANGHAI	GOS_TZ_ASIA_SHANGHAI	Asia/Shanghai
ASIA_SINGAPORE	GOS_TZ_ASIA_SINGAPORE	Asia/Singapore
ASIA_TAIPEI	GOS_TZ_ASIA_TAIPEI	Asia/Taipei
ASIA_TASHKENT	GOS_TZ_ASIA_TASHKENT	Asia/Tashkent
ASIA_TBILISI	GOS_TZ_ASIA_TBILISI	Asia/Tbilisi
ASIA_TEHRAN	GOS_TZ_ASIA_TEHRAN	Asia/Tehran
ASIA_THIMBU	GOS_TZ_ASIA_THIMBU	Asia/Thimbu
ASIA_TOKYO	GOS_TZ_ASIA_TOKYO	Asia/Tokyo
ASIA_UJUNG_PANDANG	GOS_TZ_ASIA_UJUNG_PANDANG	Asia/Ujung_Pandang
ASIA_ULAN_BATOR	GOS_TZ_ASIA_ULAN_BATOR	Asia/Ulan_Bator
ASIA_URUMQI	GOS_TZ_ASIA_URUMQI	Asia/Urumqi
ASIA_VIENTIANE	GOS_TZ_ASIA_VIENTIANE	Asia/Vientiane
ASIA_VLADIVOSTOK	GOS_TZ_ASIA_VLADIVOSTOK	Asia/Vladivostok
ASIA_YAKUTSK	GOS_TZ_ASIA_YAKUTSK	Asia/Yakutsk
ASIA_YEKATERINBURG	GOS_TZ_ASIA_YEKATERINBURG	Asia/Yekaterinburg
ASIA_YEREVAN	GOS_TZ_ASIA_YEREVAN	Asia/Yerevan
AUSTRALIA_ACT	GOS_TZ_AUSTRALIA_ACT	Australia/ACT
AUSTRALIA_BROKEN_HILL	GOS_TZ_AUSTRALIA_BROKEN_HILL	Australia/Broken_Hill
AUSTRALIA_LHI	GOS_TZ_AUSTRALIA_LHI	Australia/LHI
AUSTRALIA_NORTH	GOS_TZ_AUSTRALIA_NORTH	Australia/North
AUSTRALIA_NSW	GOS_TZ_AUSTRALIA_NSW	Australia/NSW
AUSTRALIA_QUEENSLAND	GOS_TZ_AUSTRALIA_QUEENSLAND	Australia/Queensland
AUSTRALIA_SOUTH	GOS_TZ_AUSTRALIA_SOUTH	Australia/South
AUSTRALIA_SOUTH	GOS_TZ_AUSTRALIA_SOUTH	Australia/South
AUSTRALIA_TASMANIA	GOS_TZ_AUSTRALIA_TASMANIA	Australia/Tasmania
AUSTRALIA_VICTORIA	GOS_TZ_AUSTRALIA_VICTORIA	Australia/Victoria
AUSTRALIA_WEST	GOS_TZ_AUSTRALIA_WEST	Australia/West
AUSTRALIA_YANCOWINNA	GOS_TZ_AUSTRALIA_YANCOWINNA	Australia/Yancowinna
CANADA_ATLANTIC	GOS_TZ_CANADA_ATLANTIC	Canada/Atlantic

Table 8-4 **Supported Timezones (continued)**

EMS Value	Platform Value	Timezone Name
CANADA_CENTRAL	GOS_TZ_CANADA_CENTRAL	Canada/Central
CANADA_EAST_SASKATCHEWAN	GOS_TZ_CANADA_EAST_SASKATCHEWAN	Canada/East-Saskatchewan
CANADA_EASTERN	GOS_TZ_CANADA_EASTERN	Canada/Eastern
CANADA_MOUNTAIN	GOS_TZ_CANADA_MOUNTAIN	Canada/Mountain
CANADA_NEWFOUNDLAND	GOS_TZ_CANADA_NEWFOUNDLAND	Canada/Newfoundland
CANADA_PACIFIC	GOS_TZ_CANADA_PACIFIC	Canada/Pacific
CANADA_YUKON	GOS_TZ_CANADA_YUKON	Canada/Yukon
CST6CDT	GOS_TZ_CST6CDT	CST6CDT
EST	GOS_TZ_EST	EST
EST5EDT	GOS_TZ_EST5EDT	EST5EDT
EUROPE_AMSTERDAM	GOS_TZ_EUROPE_AMSTERDAM	Europe/Amsterdam
EUROPE_ANDORRA	GOS_TZ_EUROPE_ANDORRA	Europe/Andorra
EUROPE_ATHENS	GOS_TZ_EUROPE_ATHENS	Europe/Athens
EUROPE_BELFAST	GOS_TZ_EUROPE_BELFAST	Europe/Belfast
EUROPE_BELGRADE	GOS_TZ_EUROPE_BELGRADE	Europe/Belgrade
EUROPE_BERLIN	GOS_TZ_EUROPE_BERLIN	Europe/Berlin
EUROPE_BRATISLAVA	GOS_TZ_EUROPE_BRATISLAVA	Europe/Bratislava
EUROPE_BRUSSELS	GOS_TZ_EUROPE_BRUSSELS	Europe/Brussels
EUROPE_BUCHAREST	GOS_TZ_EUROPE_BUCHAREST	Europe/Bucharest
EUROPE_BUDAPEST	GOS_TZ_EUROPE_BUDAPEST	Europe/Budapest
EUROPE_CHISINAU	GOS_TZ_EUROPE_CHISINAU	Europe/Chisinau
EUROPE_COPENHAGEN	GOS_TZ_EUROPE_COPENHAGEN	Europe/Copenhagen
EUROPE_DUBLIN	GOS_TZ_EUROPE_DUBLIN	Europe/Dublin
EUROPE_GIBRALTAR	GOS_TZ_EUROPE_GIBRALTAR	Europe/Gibraltar
EUROPE_HELSINKI	GOS_TZ_EUROPE_HELSINKI	Europe/Helsinki
EUROPE_ISTANBUL	GOS_TZ_EUROPE_ISTANBUL	Europe/Istanbul
EUROPE_KALININGRAD	GOS_TZ_EUROPE_KALININGRAD	Europe/Kaliningrad
EUROPE_KIEV	GOS_TZ_EUROPE_KIEV	Europe/Kiev
EUROPE_LISBON	GOS_TZ_EUROPE_LISBON	Europe/Lisbon
EUROPE_LJUBLJANA	GOS_TZ_EUROPE_LJUBLJANA	Europe/Ljubljana
EUROPE_LONDON	GOS_TZ_EUROPE_LONDON	Europe/London
EUROPE_LUXEMBOURG	GOS_TZ_EUROPE_LUXEMBOURG	Europe/Luxembourg
EUROPE_MADRID	GOS_TZ_EUROPE_MADRID	Europe/Madrid
EUROPE_MALTA	GOS_TZ_EUROPE_MALTA	Europe/Malta
EUROPE_MINSK	GOS_TZ_EUROPE_MINSK	Europe/Minsk

Table 8-4 **Supported Timezones (continued)**

EMS Value	Platform Value	Timezone Name
EUROPE_MONACO	GOS_TZ_EUROPE_MONACO	Europe/Monaco
EUROPE_MOSCOW	GOS_TZ_EUROPE_MOSCOW	Europe/Moscow
EUROPE_OSLO	GOS_TZ_EUROPE_OSLO	Europe/Oslo
EUROPE_PARIS	GOS_TZ_EUROPE_PARIS	Europe/Paris
EUROPE_PRAGUE	GOS_TZ_EUROPE_PRAGUE	Europe/Prague
EUROPE_RIGA	GOS_TZ_EUROPE_RIGA	Europe/Riga
EUROPE_ROME	GOS_TZ_EUROPE_ROME	Europe/Rome
EUROPE_SAMARA	GOS_TZ_EUROPE_SAMARA	Europe/Samara
EUROPE_SAN_MARINO	GOS_TZ_EUROPE_SAN_MARINO	Europe/San_Marino
EUROPE_SARAJEVO	GOS_TZ_EUROPE_SARAJEVO	Europe/Sarajevo
EUROPE_SIMFEROPOL	GOS_TZ_EUROPE_SIMFEROPOL	Europe/Simferopol
EUROPE_SKOPJE	GOS_TZ_EUROPE_SKOPJE	Europe/Skopje
EUROPE_SOFIA	GOS_TZ_EUROPE_SOFIA	Europe/Sofia
EUROPE_STOCKHOLM	GOS_TZ_EUROPE_STOCKHOLM	Europe/Stockholm
EUROPE_TALLINN	GOS_TZ_EUROPE_TALLINN	Europe/Tallinn
EUROPE_TIRANE	GOS_TZ_EUROPE_TIRANE	Europe/Tirane
EUROPE_VADUZ	GOS_TZ_EUROPE_VADUZ	Europe/Vaduz
EUROPE_VATICAN	GOS_TZ_EUROPE_VATICAN	Europe/Vatican
EUROPE_VIENNA	GOS_TZ_EUROPE_VIENNA	Europe/Vienna
EUROPE_VILNIUS	GOS_TZ_EUROPE_VILNIUS	Europe/Vilnius
EUROPE_WARSAW	GOS_TZ_EUROPE_WARSAW	Europe/Warsaw
EUROPE_ZAGREB	GOS_TZ_EUROPE_ZAGREB	Europe/Zagreb
EUROPE_ZURICH	GOS_TZ_EUROPE_ZURICH	Europe/Zurich
GMT	GOS_TZ_GMT	GMT
GMT_MINUS1	GOS_TZ_GMT_MINUS1	GMT-1
GMT_MINUS10	GOS_TZ_GMT_MINUS10	GMT-10
GMT_MINUS11	GOS_TZ_GMT_MINUS11	GMT-11
GMT_MINUS12	GOS_TZ_GMT_MINUS12	GMT-12
GMT_MINUS2	GOS_TZ_GMT_MINUS2	GMT-2
GMT_MINUS3	GOS_TZ_GMT_MINUS3	GMT-3
GMT_MINUS4	GOS_TZ_GMT_MINUS4	GMT-4
GMT_MINUS5	GOS_TZ_GMT_MINUS5	GMT-5
GMT_MINUS6	GOS_TZ_GMT_MINUS6	GMT-6
GMT_MINUS7	GOS_TZ_GMT_MINUS7	GMT-7
GMT_MINUS8	GOS_TZ_GMT_MINUS8	GMT-8
GMT_MINUS9	GOS_TZ_GMT_MINUS9	GMT-9

Table 8-4 **Supported Timezones (continued)**

EMS Value	Platform Value	Timezone Name
GMT_PLUS1	GOS_TZ_GMT_PLUS1	GMT+1
GMT_PLUS10	GOS_TZ_GMT_PLUS10	GMT+10
GMT_PLUS11	GOS_TZ_GMT_PLUS11	GMT+11
GMT_PLUS12	GOS_TZ_GMT_PLUS12	GMT+12
GMT_PLUS2	GOS_TZ_GMT_PLUS2	GMT+2
GMT_PLUS3	GOS_TZ_GMT_PLUS3	GMT+3
GMT_PLUS4	GOS_TZ_GMT_PLUS4	GMT+4
GMT_PLUS5	GOS_TZ_GMT_PLUS5	GMT+5
GMT_PLUS6	GOS_TZ_GMT_PLUS6	GMT+6
GMT_PLUS7	GOS_TZ_GMT_PLUS7	GMT+7
GMT_PLUS8	GOS_TZ_GMT_PLUS8	GMT+8
GMT_PLUS9	GOS_TZ_GMT_PLUS9	GMT+9
HONGKONG	GOS_TZ_HONGKONG	Hongkong
HST	GOS_TZ_HST	HST
JAMAICA	GOS_TZ_JAMAICA	Jamaica
MEXICO_BAJANORTE	GOS_TZ_MEXICO_BAJANORTE	Mexico/BajaNorte
MEXICO_BAJASUR	GOS_TZ_MEXICO_BAJASUR	Mexico/BajaSur
MEXICO_GENERAL	GOS_TZ_MEXICO_GENERAL	Mexico/General
MST	GOS_TZ_MST	MST
MST7MDT	GOS_TZ_MST7MDT	MST7MDT
PRC	GOS_TZ_PRC	PRC
PST8PDT	GOS_TZ_PST8PDT	PST8PDT
ROK	GOS_TZ_ROK	ROK
TAIWAN	GOS_TZ_TAIWAN	ROC
US_ALASKA	GOS_TZ_US_ALASKA	US/Alaska
US_ALEUTIAN	GOS_TZ_US_ALEUTIAN	US/Aleutian
US_ARIZONA	GOS_TZ_US_ARIZONA	US/Arizona
US_CENTRAL	GOS_TZ_US_CENTRAL	US/Central
US_EAST_INDIANA	GOS_TZ_US_EAST_INDIANA	US/East-Indiana
US_EASTERN	GOS_TZ_US_EASTERN	US/Eastern
US_HAWAII	GOS_TZ_US_HAWAII	US/Hawaii
US_MICHIGAN	GOS_TZ_US_MICHIGAN	US/Michigan
US_MOUNTAIN	GOS_TZ_US_MOUNTAIN	US/Mountain
US_PACIFIC	GOS_TZ_US_PACIFIC	US/Pacific
US_SAMOA	GOS_TZ_US_SAMOA	US/Samoa
UTC	GOS_TZ_UTC	UTC

Trigger Detection Point

The Trigger Detection Point (trigger-detection-point) table defines the specific trigger detection points (TDPs) supported by the Cisco BTS 10200 Softswitch Call Agent.

Table Name: TRIGGER-DETECTION-POINT

Table Containment Area: EMS

Command Types

Show

Examples

```
show trigger-detection-point;
```

Usage Guidelines

Primary Key Token(s): TDP

Syntax Description

* TDP	Primary key. Trigger detection points supported by the Call Agent. VARCHAR(32): 1–32 ASCII characters.
AUTO-REFRESH	Specifies whether to display cached data on the screen. CHAR(1): Y/N (Default = Y). Y—Queries the database for the most current data. N—Queries the database for the most current data only if the cached data is unavailable.
DESCRIPTION (EMS-only field)	Described by the service provider. VARCHAR(64): 1–64 ASCII characters.
DISPLAY	Specifies what token information to display on the screen. VARCHAR(1024): 1–1024 (Default = all tokens are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
LIMIT	Specifies the number of rows to display on the screen. INTEGER: 1–100000000 (Default = 100000000). Note The actual maximum number of rows displayed is currently lower than 100000000 due to software limitations.
ORDER	Specifies whether to display data on the screen in a sorted order. VARCHAR(1024): 1–1024 (Default = all rows are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
START-ROW	Specifies to begin displaying data on the screen at a specific row. INTEGER: 1–100000000 (Default = 1).

Table 8-5 lists the valid TDP parameters available.

Table 8-5 Valid Trigger Detection Point Descriptions

TDP	Description
O-NULL	First state the Cisco BTS 10200 Softswitch starts in on origination side
O-ATTEMPT	Origination attempt
O-ATTEMPT-AUTHD	Origination attempt authorized
COLLECTED-INFORMATION	Collected information
ANALYZED-INFORMATION	Analyzed information
O-TERM-SEIZED	Termination seized
ROUTE-SELECT-FAILURE	Route selection failure
O-CALLED-PARTY-BUSY	Called party busy
O-NO-ANSWER	Origination no answer
O-ANSWER	Origination answer
O-SUSPEND	Origination suspend
O-RE-ANSWER	Origination reanswer
O-MID-CALL	Origination midcall
O-DISCONNECT	Origination disconnect
O-ABANDON	Origination abandon
O-NOT-REACHABLE	Origination not reachable
O-EXCEPTION	Origination exception
ROUTE-SELECTED	Route selected
T-NULL	Initial state of termination in the Cisco BTS 10200 Softswitch
TERMINATION-ATTEMPT	Termination attempt
TERMINATION-ATTEMPT-AUTHORIZED	Termination attempt authorized
FACILITY-SELECTED-AND-AVAILABLE	Facility selected and available
CALL-ACCEPTED	Call accepted
T-BUSY	Termination busy
T-NO-ANSWER	Termination no answer
T-ANSWER	Termination answer
T-SUSPEND	Termination suspend
T-REANSWER	Termination reanswer
T-MID-CALL	Termination midcall
T-DISCONNECT	Termination disconnect
T-ABANDON-DP	Termination abandon
T-NOT-REACHABLE	Termination not reachable
T-EXCEPTION	Termination exception

Trigger Identification

The Trigger Identification (trigger-id) table defines the trigger IDs (TIDs) supported by the Cisco BTS 10200 Call Agent.

Table Name: TRIGGER-ID

Table Containment Area: EMS only

Command Types

Show

Examples

```
show trigger-id;
```

Usage Guidelines

Primary Key Token(s): tid

Syntax Description

* TID	Primary key. Trigger ID supported by the Call Agent. VARCHAR(32): 1–32 ASCII characters.
AUTO-REFRESH	Specifies whether to display cached data on the screen. CHAR(1): Y/N (Default = Y). Y—Queries the database for the most current data. N—Queries the database for the most current data only if the cached data is unavailable.
DESCRIPTION (EMS-only field)	Described by the service provider. VARCHAR(64): 1–64 ASCII characters.
DISPLAY	Specifies what token information to display on the screen. VARCHAR(1024): 1–1024 (Default = all tokens are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
LIMIT	Specifies the number of rows to display on the screen. INTEGER: 1–100000000 (Default = 100000000). Note The actual maximum number of rows displayed is currently lower than 100000000 due to software limitations.
ORDER	Specifies whether to display data on the screen in a sorted order. VARCHAR(1024): 1–1024 (Default = all rows are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
START-ROW	Specifies to begin displaying data on the screen at a specific row. INTEGER: 1–100000000 (Default = 1).

The Trigger Identification table is preprovisioned during installation with the parameters described in [Table 8-6](#).

Table 8-6 *Trigger Identification Descriptions*

Trigger ID	Description
911_TRIGGER	911 call trigger
BLV	Busy line verification trigger
CALL_ACCEPTED	Call accepted
CALL_ACCEPTED_NOTIFY	Call accepted—notify trigger
CNAM	Calling name delivery feature
COS_TRIGGER	Class of service trigger
CUSTOMIZE_DIALING_PLAN	Used for Centrex groups
LCD_TRIGGER	Limited call duration (prepaid feature)
LNP_TRIGGER	Local number portability trigger
O_ATTEMPT_AUTHD	Origination attempt authorized
O_SWITCH_HOOK_FLASH_IMMEDIATE	Not used
PS-TRIGGER (Release 4.5)	Privacy screening trigger
REFER-TRIGGER	Refer trigger. Used by SIP for call transfer feature.
ROUTE_SELECT_FAILURE	Route select failure
ROUTE_SELECTED	Route selected
SC1D-TRIGGER	1-digit speed call trigger
SC2D-TRIGGER	2-digit speed call trigger
SPECIFIC_DIGIT_STRING	Trigger for 800 calls
T_ANSWER	Termination answer
T_BUSY	Termination busy
T_NO_ANSWER	Termination no answer
T_SWITCH_HOOK_FLASH_IMMEDIATE	Not used
TERMINATION_ATTEMPT	Termination attempt
TERMINATION_ATTEMPT_AUTHORIZED	Termination attempt authorized
TERMINATION_RESOURCE_AVAILABLE	Not used
VERTICAL_SERVICE_CODE	Used for any start (*) features

Trigger Nature of Dial Escape List (Release 4.5)

The Trigger Nature of Dial Escape List (trigger-nod-escape-list) table specifies the NODs that are part of escape list for a particular trigger. If the NOD for the dialed number is in the TRIGGER-NOD-ESCAPE-LIST, then the trigger is not invoked by the BTS.

Table Name: TRIGGER-NOD-ESCAPE-LIST

Table Containment Area: EMS only

Command Types

Show, add, change and delete

Examples

```
show trigger-nod-escape-list tid=cos-trigger; nod=emg;
add trigger-nod-escape-list tid=cos-trigger; nod=emg;
change trigger-nod-escape-list tid=cos-trigger; nod=emg; description=do not trigger cos
for emg calls;
delete trigger-nod-escape-list tid=cos-trigger; nod=emg;
```

Usage Guidelines

Primary Key Token(s): tid, nod

Foreign Key Token(s): nod

Syntax Description

* NOD	Primary key. Foreign key: NOD table. VARCHAR(32): 1–32 ASCII characters.
* TID	Primary key. Foreign key: Trigger table. The trigger id. VARCHAR(32): 1–32 ASCII characters.
AUTO-REFRESH	Specifies whether to display cached data on the screen. Valid only for the show command. CHAR(1): Y/N (Default = Y). Y—Queries the database for the most current data. N—Queries the database for the most current data only if the cached data is unavailable.
DESCRIPTION	Described by the service provider. VARCHAR(64): 1–64 ASCII characters.
DISPLAY	Specifies what token information to display on the screen. Valid only for the show command. VARCHAR(1024): 1–1024 (Default = all tokens are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.

LIMIT	Specifies the number of rows to display on the screen. Valid only for the show command. INTEGER: 1–100000000 (Default = 100000000). Note The actual maximum number of rows displayed is currently lower than 100000000 due to software limitations.
ORDER	Specifies whether to display data on the screen in a sorted order. Valid only for the show command. VARCHAR(1024): 1–1024 (Default = all rows are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
START-ROW	Specifies to begin displaying data on the screen at a specific row. Valid only for the show command. INTEGER: 1–100000000 (Default = 1).

Vertical Service Code

The Vertical Service Code (vsc) table translates star codes (* XX) to feature names. This table is preprovisioned, based on Feature table customer records, during installation. See [Appendix C, “Vertical Service Codes”](#) for the preprovisioned defaults for this table.

Table Name: VSC

Table Containment Area: FSPTC



Caution

If there is more than one entry in the Vertical Service Code table with the same leading feature activation code, the feature server can map the feature activation (from the handset) to the wrong feature. For example: the feature activation code for CPRK and CWD are “*58” and “*58#”. When a subscriber activates CWD from the handset by dialing “*58#”, feature server can activate the CPRK feature instead.

Command Types

Show, add, change, and delete

Examples

```
show vsc digit-string=* 72;
add vsc digit-string=* 72, fname=CFUA;
change vsc digit-string=* 72, description=call forwarding unconditional activation code;
delete vsc digit-string=* 72
```

Usage Guidelines

Primary Key Token(s): digit-string

Foreign Key Token(s): fname

Add Rules: None.

Change Rules: None.

Delete Rules: None.

For North American Numbering Plan Areas, the * code must be 3-digits for codes beginning with *2 and *3. All others should be 2-digit star codes.

Syntax Description	* DIGIT-STRING	Primary key. Vertical service code. VARCHAR(5): 1–5 ASCII characters. Valid formats are: *2x or 112xx *3x or 113xx *4x, * 5x, * 6x, * 7x, * 8x, * 9x 114x, 115x, 116x, 117x, 118x, 119x where x = 0–9. See Appendix C, “Vertical Service Codes” for more examples.
	* FNAME	Foreign key: Feature table. Feature name. VARCHAR(16): 1–16 ASCII characters.
	AUTO-REFRESH	Specifies whether to display cached data on the screen. Valid only for the show command. CHAR(1): Y/N (Default = Y). Y—Queries the database for the most current data. N—Queries the database for the most current data only if the cached data is unavailable.
	DESCRIPTION (EMS-only field)	Described by the service provider. VARCHAR(64): 1–64 ASCII characters.
	DISPLAY	Specifies what token information to display on the screen. Valid only for the show command. VARCHAR(1024): 1–1024 (Default = all tokens are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
	LIMIT	Specifies the number of rows to display on the screen. Valid only for the show command. INTEGER: 1–100000000 (Default = 100000000). Note The actual maximum number of rows displayed is currently lower than 100000000 due to software limitations.
	ORDER	Specifies whether to display data on the screen in a sorted order. Valid only for the show command. VARCHAR(1024): 1–1024 (Default = all rows are displayed). Permitted values are any valid token that can be shown for this command. Multiple tokens can be entered by separating with a comma.
	SDT (Obsoleted in Release 4.5)	Specifies a second dial tone indicator. CHAR(1): Y/N (Default = Y). Y—Apply second dial tone. N—Do not apply second dial tone.

SDT-TYPE (Obsoleted in Release 4.5)	Specifies a second dial tone type. VARCHAR(8): 1–8 ASCII characters. Permitted values are: DL—Dial tone. SL (Default)—Stutter (recall) dial tone. CF—Confirmation tone. NO-SDT—No second dial tone.
START-ROW	Specifies to begin displaying data on the screen at a specific row. Valid only for the show command. INTEGER: 1–100000000 (Default = 1).
