



APPENDIX B

Valid Features

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

This section lists the valid features for this release. The service provider can change the values, star codes, and associated features FNAME1, FNAME2 assigned to the features. See the *Cisco BTS 10200 Softswitch System Description* for more information.



Caution

Always enter feature tokens 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 character (_) or you will receive the following message: “Reply: Database is void of entries.” For example, you must enter AC_ACT, not AC-ACT.

Feature Information

This section details additional feature provisioning information.



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;
```

General

The following list provides additional general feature provisioning information:

- If a call-agent-id is not configured in the Office Code table, AR, AC and CFNA features will not work.
- The call transfer (CT) feature includes three-way bridging functionality.
- If a subscriber has both call transfer and three-way calling features enabled, then call transfer takes priority.
- Call-Hold (CHD) and Call-Park (CPRK) are Centrex-only features. They are available only to Centrex subscribers.

- For Centrex subscribers: if CHD is assigned CW, CIDCW behaves as CHD. The user is expected to dial the CHD-Star-Code after hookflash to answer a waiting call. A user must hookflash and dial CHD-Star-Code after hookflash to alternate between two calls.
- Features assigned to the main-subscriber of a Centrex or MLH Group are provided to the members of the whole group if the members have the GRP flag set to Y in the Subscriber table. However, this is not applicable to activate or deactivate features. Members of a group must individually activate or deactivate the features, as applicable.
- The Subscriber Feature Data table must be provisioned for hotline and warmline features to work.
- The Call Park Subscriber Group table must be provisioned for the Call Park feature to work.
- SFG control is enabled only if the subscriber is assigned OSFG or ISFG in the Subscriber Service Profile table and the Centrex group table has sfg-control=Y.

Office Table Features

This section provides additional feature provisioning information for office tables.

One service ID (the office service ID) is reserved for provisioning of POP-based features. These office-based features can include certain network features and certain usage-sensitive features, as described below. The service provider provisions the individual features, enters a unique ID in the service table, and provisions this service ID in the POP table. All of the subscribers within the POP are provided with this service (and this set of features).

One service ID (the default office service ID) is reserved for provisioning of switch-based features. The service provider provisions the individual features, enters a unique ID in the service table, and provisions this service ID in the CA-Config table. All of the subscribers on the switch are provided with this service (and this set of features).



Note

If the office-service-id is provisioned in the POP table, the system uses this value. However, if the office-service-id is *not* provisioned in the POP table, the system uses the default-office-service-id provisioned in the CA-Config table.



Caution

The system does not validate or restrict the provisioning of features on the office service ID. However, entries other than the ones listed below will have undefined results. Do not enter features other than the ones listed below.

- The following features can be provisioned with the office-service-id (POP table) and the default-office-service-id (CA-Config table):
 - USTWC (For three-way-calling, note that USTWC is the feature that can be included in the office service ID, and TWC is the feature that can be assigned to individual subscribers.)
 - COT
 - AR_ACT (or AR, if umbrella feature was created)
 - AR_DEACT (not needed if umbrella feature AR was created)
 - AC_ACT (or AC, if umbrella feature was created)
 - AC_DEACT (not needed if umbrella feature AC was created)
 - 8XX

- LNP
 - 911
 - BLV
 - REFER—Valid for SIP subscribers only
- The following features are available, if not subscribed, only if the usage-sensitive (usage-sens) token in the Subscriber table is set to Y:
 - USTWC
 - COT
 - AR_ACT
 - AR_DEACT
 - AC_ACT
 - AC_DEACT
- The system checks both the usage-sens token in the Subscriber table and the type token in the Subscriber Feature Data table for the following features. If the type=denied, the feature is not provided.
 - USTWC
 - COT
 - AC_ACT
 - AR_ACT
- The system checks for type=denied for the BLV feature, but it is not restricted by the usage-sens token.
- The system does not check the usage-sens token or if type=denied for the following features:
 - 911
 - LNP
 - 8XX

Additional RACF-Pin assignment information:

- Assign the RACF_PIN feature only to those RACF subscribers that have unique PINs.
- A unique PIN is identified in the subscriber feature data entry for RACF as PINTYPE=PIN or PINTYPE=NEWPIN. (The NEWPIN type indicates that the subscriber has not yet changed the PIN from the default one assigned by service provider. To use the RACF feature, the subscriber must change the PIN at least once from their home number. Once this is done, the PINTYPE in feature data is changed to PIN).
- Subscribers with a nonunique PIN are not allowed to change it. A nonunique PIN can only be changed through the command line interface by the service provider. For nonunique PIN validation, provision an authcode and set the PINTYPE to AUTHCODE.
- Nonunique PINs are typically assigned to a group of subscribers sharing the same PIN, for example: in a Centrex environment.

Office Service id precedence information:

1. The Cisco BTS 10200 Softswitch first checks the Point of Presence (POP) table to see if an office-service id is provisioned. If an office-service-id is provisioned, and LNP is provisioned in the Service table, then LNP can be triggered regardless of any provisioning in the Call Agent Configuration table.

2. If the office-service id is not provisioned in the POP table, the Cisco BTS 10200 Softswitch checks the default-office-service-id in Call Agent Configuration table. If the default-office-service-id is provisioned and LNP is provisioned in the Service table, then LNP can be triggered.
3. If the office-service id is not provisioned in either the POP table or the Call Agent Configuration table, LNP is not triggered.

Feature List

Table B-1 lists the valid features for the Cisco BTS 10200 Softswitch.



Note

The TYPEn and VALUEn information in Table B-1 is valid for Release 4.4.x and earlier. For Releases 4.5.x and later, valid TYPEn and VALUEn values are listed in Table B-2, Feature Profile Base Features. See also the applicable tokens in the Feature table.

Table B-1 List of Features

Feature Name	TDPn	TIDn	Feature Parameters																Description	
			TYPE1	VALUE1	TYPE2	VALUE2	TYPE3	VALUE3	TYPE4	VALUE4	TYPE5	VALUE5	TYPE6	VALUE6	TYPE7	VALUE7	TYPE8	VALUE8		
8XX	COLLECTED_INFORMATION	SPECIFIC_DIGIT_STRING	R													Y		N	Toll-free number.	
911	COLLECTED_INFORMATION	911_TRIGGER	R													Y		N	Emergency service.	
AC			R	AC	AC											Y	Y	Y	N	Automatic callback.
AC_ACT	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R													Y	Y	Y	N	Automatic callback activation.
AC_DEACT	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R													Y	Y	Y	N	Automatic callback deactivation.
ACR	TERMINATION_ATTEMPT_AUTHORIZED	TERMINATION_ATTEMPT_AUTHORIZED	R													Y	Y		N	Anonymous call rejection.
ACR_ACT	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R													Y	Y		N	Anonymous call rejection activation code.
ACR_DEACT	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R													Y	Y		N	Anonymous call rejection deactivation code.

Table B-1 *List of Features (continued)*

F N A M E	TDPn	TIDn	T	F	F	F	F	F	V	V	V	V	V	O	C			T	G	Description		
			Y	A	A	A	A	A	P	U	U	P	U	P	U	f	P	e			a	
			1	1	2	3	4	5	1	1	2	2	3	3	4	4	5	e	S	x	m	P
ALERT_	CALL_	CALL_	R														Y			N	Alerting notification to third-party feature server.	
NOTIFY	ACCEPTED	ACCEPTED_																				
(Re		NOTIFY																				
lease																						
4.5)																						

Table B-1 List of Features (continued)

F N A M E	TDPn	TIDn	T	F	F	F	F	F		V		V		V		V	V	O		C	T	Description
			Y	A	A	A	A	A	T	A	T	A	T	A	T	A	A	f		e	n	
			P	M	M	M	M	M	P	U	P	U	P	U	P	U	U	i		P	t	
			E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	c		O	r	
			1	1	2	3	4	5	1	1	2	2	3	3	4	4	5	e	S	x	m	P
CCW	COLLECTED_INFORMATION O_MID_CALL (Release 4.5) T_MID_CALL (Release 4.5)	VERTICAL_SERVICE_CODE O_SWITCH_HOOK_FLASH_IMMEDIATE (Release 4.5) T_SWITCH_HOOK_FLASH_IMMEDIATE (Release 4.5)	R															Y	Y	N	Cancel call waiting.	
CDP	COLLECTED_INFORMATION	CUSTOMIZE_DIALING_PLAN	R																Y		Y	Customize dial plan.
CFB	T_BUSY T_EXCEPTION (Release 4.5.1)	T_BUSY T_NOT_REACHABLE (Release 4.5.1)	R	C	C	C			M	Y	I	N						Y	Y	N	Call forwarding busy. MCF—Multiple call forwarding (Default = N). Multiple call forwarding is enabled by default, but can be disabled. See Table B-2 for Release 4.5.x TYPEn/VALUEn information.	
				F	F	F			C		N											
				B	B	B			F		T											
				V	V	I					L											
				A	D																	
CFBI	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R						S	N	F	N						Y	Y	N	Call forwarding busy interrogation. See Table B-2 for Release 4.5.x TYPEn/VALUEn information.	
									D		D											
									T		T											
CFBVA	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R						S	Y	F	Y	I	N	C	N		Y	Y	N	Call forwarding busy activation. See Table B-2 for Release 4.5.x TYPEn/VALUEn information.	
									D		D		N		C							
									T		T		T									
													L									
CFBVD	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R						F	Y								Y	Y	N	Call forwarding busy deactivation. See Table B-2 for Release 4.5.x TYPEn/VALUEn information.	
									D													
									T													

Table B-1 **List of Features (continued)**

Feature Name	TDPn	TIDn	Feature Name															Description		
			TYPE	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME			
CFC (Release 4.5)	CALL_ACCEPTED_T_BUSY	CALL_ACCEPTED_T_BUSY	R	C	C	C	C	C											Call forwarding combination. See Table B-2 for Release 4.5.x TYPEn/VALUEn information.	
CFC_DN_CHG_ACT (Release 4.5)	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R																Call forwarding combination DN change with activation. See Table B-2 for Release 4.5.x TYPEn/VALUEn information.	
CFC_ACT (Release 4.5)	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R																Call forwarding combination activation. See Table B-2 for Release 4.5.x TYPEn/VALUEn information.	
CFC_DEACT (Release 4.5)	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R																Call forwarding combination deactivation. See Table B-2 for Release 4.5.x TYPEn/VALUEn information.	
CFCI (Release 4.5)	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R														Y	Y	N	CFC interrogation with DN verification. See Table B-2 for Release 4.5.x TYPEn/VALUEn information.

Table B-1 **List of Features (continued)**

Feature Name	TDPn	TIDn	T	F	F	F	F	F	V	V	V	V	V	V	O	C e n t a n d G R			Description
			TYPE 1	FA 1	FA 2	FA 3	FA 4	FA 5	TYPE 1	VAL 1	VAL 2	VAL 3	VAL 4	VAL 4	VAL 5	OFF 1	POST 1	TEST 1	
CFCI_NO_DN_VRFY (Release 4.5)	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R													Y	Y	N	CFC interrogation with no DN verification. See Table B-2 for Release 4.5.x TYPEn/VALUEn information.
CFNA	CALL_ACCEPTED	CALL_ACCEPTED	R	C	C	C		T	3	I	N	M	Y			Y	Y	N	Call forwarding no answer. MCF—Multiple call forwarding (Default = N). Multiple call forwarding is enabled by default, but can be disabled. TO—Timeout period in seconds. See Table B-2 for Release 4.5.x TYPEn/VALUEn information.
				F	F	F		O	0	N		C							
				N	N	N				T		F							
				A	A	A				L									
				V	V	I													
				A	D														
CFNAI	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R					S	N	F	N					Y	Y	N	CFNA variable interrogation. See Table B-2 for Release 4.5.x TYPEn/VALUEn information.
								D		D									
								T		T									
CFNAVA	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R					S	Y	F	Y	I	N	C	N	Y	Y	N	CFNA variable activation. See Table B-2 for Release 4.5.x TYPEn/VALUEn information.
								D		D		N		C					
								T		T		T							
										L									
CFNAVD	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R					F	Y							Y	Y	N	CFNA variable deactivation. See Table B-2 for Release 4.5.x TYPEn/VALUEn information.
								D											
								T											

Table B-1 List of Features (continued)

Feature Name	TDPn	TIDn	Feature Name																Description																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			TYPE	FNA	FNN	FNA	FNM	FNA	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL		VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL	VTAL

Table B-1 List of Features (continued)

Feature Name	TDPn	TIDn	Feature Name																Description
			T	F	F	F	F	F	V	V	V	V	V	O	C	T			
			Y	A	A	A	A	A	Y	A	Y	A	Y	A	P	e	n		
			P	M	M	M	M	M	P	U	P	U	P	U	P	O	r	d	G
			E	E	E	E	E	E	E	E	E	E	E	E	E	T	e	e	R
			1	1	2	3	4	5	1	1	2	2	3	3	4	4	5	e	S
																			x
																			m
																			P
CFVBGG	TERMINATION_	TERMINATION_	R	C	C	C			M	Y	R	Y	I	N					Y
	ATTEMPT_	ATTEMPT_		F	F	F			C		R		N						N
	AUTHORIZED	AUTHORIZED		V	U	U			F				T						
				A	D	I							L						
				B															
				B															
				G															
CHD	O_MID_CALL	O_SWITCH_	R																Y
		HOOK_FLASH_																	N
		IMMEDIATE																	
	T_MID_CALL	T_SWITCH_																	
		HOOK_FLASH_																	
		IMMEDIATE																	
CIDCW	T_BUSY	T_BUSY	R													Y	Y		N
CIDS			R	C	C											Y	Y		N
				I	I														
				D	D														
				S	S														
				D	S														
CIDSD	COLLECTED_	VERTICAL_	R													Y	Y		N
	INFORMATION	SERVICE_CODE																	
CIDSS	COLLECTED_	VERTICAL_	R													Y	Y		N
	INFORMATION	SERVICE_CODE																	
CLIP	N-A	N-A	R	C	C														
				N	N														
				A	D														
				M															

Calling line identity presentation.

Table B-1 **List of Features (continued)**

Feature Name	TDPn	TIDn	Feature Name																Description
			TYPEn	FAEn	FAEn	FAEn	FAEn	FAEn	FAEn	VALEn	VALEn	VALEn	VALEn	VALEn	VALEn	VALEn	VALEn	VALEn	
CLIR	N-A	N-A	R	C	C	C	C												Calling line identity restriction.
CNAB	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R																Calling name delivery blocking. This feature is not supported on SIP trunks. See the <i>Cisco BTS 10200 Softswitch Provisioning Guide</i> and <i>Release Notes</i> for more information. See Table B-2 for Release 4.5.x TYPEn/VALUEn information.
CNAM	FACILITY_SELECTED_AND_AVAILABLE	TERMINATION_RESOURCE_AVAILABLE	R																Calling name.
CND	FACILITY_SELECTED_AND_AVAILABLE	TERMINATION_RESOURCE_AVAILABLE	R																Calling number delivery.
CNDB	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R																Calling number delivery blocking (toggles the privacy indicator). See Table B-2 for Release 4.5.x TYPEn/VALUEn information.
COS	COLLECTED_INFORMATION	COS_TRIGGER	R																Class of service screening.
COT	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R																Customer-originated trace.
CPRK	O_MID_CALL T_MID_CALL	O_SWITCH_HOOK_FLASH_IMMEDIATE T_SWITCH_HOOK_FLASH_IMMEDIATE	R																Call park access code.

Table B-1 **List of Features (continued)**

Feature Name	TDPn	TIDn	Feature Name															Description
			TYPE	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	
CPRK_RET			R															Call park retrieval access code.
CT	O_MID_CALL	O_SWITCH_HOOK_FLASH_IMMEDIATE	R															Call transfer.
	T_MID_CALL	T_SWITCH_HOOK_FLASH_IMMEDIATE																
CW	T_BUSY	T_BUSY	R															Call waiting.
CWD	T_BUSY	T_BUSY	R															Call waiting deluxe. See Table B-2 for Release 4.5.x TYPEn/VALUEn information.
CWDA	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R															Call waiting feature (CW and CWD) activation.
CWDD	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R															Call waiting feature (CW and CWD) deactivation.
CWDI	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R															Call waiting deluxe interrogation.
DACWI	TERMINATION_ATTEMPT_AUTHORIZED	TERMINATION_ATTEMPT_AUTHORIZED	R															Distinctive alerting/call waiting on incoming on DID calls.
DND	TERMINATION_ATTEMPT_AUTHORIZED	TERMINATION_ATTEMPT_AUTHORIZED	R	D	D													Do not disturb.
				A	D													
				C	E													
				T	A													
					C													
					T													
DND_ACT	COLLECTED_INFORMATION	CUSTOMIZE_DIALING_PLAN	R															Do not disturb activation.
DND_DEACT	COLLECTED_INFORMATION	CUSTOMIZE_DIALING_PLAN	R															Do not disturb deactivation.

Feature	TDPn	TIDn	T	F	F	F	F	F		V		V		V		V	V	O		C	T	Description
			Y	A	A	A	A	A	Y	L	Y	L	Y	L	Y	L	L	f	P	e	n	
			P	M	M	M	M	M	P	U	P	U	P	U	P	U	U	i	O	r	d	G
			E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	c	T	e	e	R
			1	1	2	3	4	5	1	1	2	2	3	3	4	4	5	e	S	x	m	P
DPN	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R																Y	N	Directed call pickup with barge-in.	
DPU	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R																Y	N	Directed call pickup.	
DRCW	TERMINATION_ATTEMPT_AUTHORIZED	TERMINATION_ATTEMPT_AUTHORIZED	R															Y	Y	N	Distinctive ringing call waiting.	
DRCW_ACT	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R															Y	Y	N	DRCW activation code.	
GSC1D	COLLECTED_INFORMATION	SC1D_TRIGGER	R															Y	Y	Y	1-digit group speed calling.	
GSC2D	COLLECTED_INFORMATION	SC2D_TRIGGER	R															Y	Y	Y	2-digit group speed calling.	
HOT LINE	O_ATTEMPT_AUTHORIZED	O_ATTEMPT_AUTHD	R															Y	Y	N	Hotline.	
HOTV	O_ATTEMPT_AUTHORIZED	O_ATTEMPT_AUTHD	R	H	H	H			T	4								Y	Y	N	Hotline variable. See Table B-2 for Release 4.5.x TYPEn/VALUEn information.	
				O	O	O			O													
				T	T	T																
				V	V	V																
				A	D	I																
HOTVA	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R															Y	Y	N	Hotline variable activation.	
HOTVD	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R															Y	Y	N	Hotline variable deactivation.	
HOTVI	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R															Y	Y	N	Hotline variable interrogation.	
ISFG	TERMINATION_ATTEMPT_AUTHORIZED	TERMINATION_ATTEMPT_AUTHORIZED	R																Y	N	Incoming SFG feature for Centrex.	
IVR	T_ANSWER	T_ANSWER	R																	N	Internal IVR feature.	
LCD (Release 4.4.1)	COLLECTED_INFORMATION	LCD_TRIGGER	R																		Limited Call Duration	

Table B-1 **List of Features (continued)**

Feature Name	TDPn	TIDn	T	F	F	F	F	F		V		V		V		V	V	O	C			T	Description
			TYPE	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	NAME	
LNP	COLLECTED_INFORMATION	LNP_TRIGGER	R															Y			N	Local number portability.	
MDN	TERMINATION_ATTEMPT_AUTHORIZED	TERMINATION_ATTEMPT_AUTHORIZED	R															Y	Y		N	Multiple directory numbers. For example, teen service.	
NSA (Re-lease 4.5)	TERMINATION_ATTEMPT_AUTHORIZED	TERMINATION_ATTEMPT_AUTHORIZED	R																			No Solicitation Announcement feature.	
NSA_ ACT (Re-lease 4.5)	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R																			NSA Management feature.	
OCB	COLLECTED_INFORMATION	COS_TRIGGER	R	O C B A	O C B A	O C B A		P I N L E N	4	F A L C N T	3	T O	-	T O	3		Y	Y		N	Outgoing call barring. See Table B-2 for Release 4.5.x TYPEn/VALUEn information.		
OCBA	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R														Y	Y		N	Outgoing call barring activation.		
OCBD	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R														Y	Y		N	Outgoing call barring deactivation.		
OCBI	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R														Y	Y		N	Outgoing call barring interrogation.		
OSFG	ROUTE_SELECTED	ROUTE_SELECTED	R															Y		N	Outgoing SFG feature for Centrex.		
PS (Re-lease 4.5)	TERMINATION_ATTEMPT_AUTHORIZED	TERMINATION_ATTEMPT_AUTHORIZED	R																			Privacy screening (PS) feature.	

Table B-1 **List of Features (continued)**

F N A M E	TDPn	TIDn	C e n t r a l F e a t u r e s																Description
			T	F	F	F	F	F	V	V	V	V	V	O					
			T	N	N	N	N	N	A	T	A	T	A	A	f	P	T	a	
			Y	A	A	A	A	A	Y	L	Y	L	Y	L	L	f	O	r	
E			P	M	M	M	M	M	P	U	P	U	P	U	U	i	S	x	P
			E	E	E	E	E	E	E	E	E	E	E	E	E	c	T	e	
			1	1	2	3	4	5	1	1	2	2	3	3	4	4	5	e	
PS_	COLLECTED_	COLLECTED_	R																PS management feature.
MANAGE	INFORMATION	INFORMATION																	
(Re- lease 4.5)																			
PS_O	COLLECTED_	COLLECTED_	R															N	PS feature assigned to the incoming trunk from the PS application server.
(Re- lease 4.5)	INFORMATION	INFORMATION																	
RACF	T_ANSWER	T_ANSWER	R														Y	Y	N
																			Remote activation of call forwarding. RACF is an IVR-based function that can be used with CFU.
RACF_	COLLECTED_	VERTICAL_	R														Y	Y	N
PIN	INFORMATION	SERVICE_CODE																	RACF PIN change.
	T_ANSWER	T_ANSWER																	
RCF	TERMINATION_	TERMINATION_	R	C					M	Y	R	N					Y		N
	ATTEMPT_	ATTEMPT_		F					C		R								Remote call forwarding. See Table B-2 for Release 4.5.x TYPEn/VALUEn information.
	AUTHORIZED	AUTHORIZED		U					F										
REFER	O_MID_CALL	REFER_	R													Y			N
		TRIGGER																	Refer capability is inherent to a SIP phone. Refer is used to perform a blind or a consultative call transfer. This is currently defined as a basic SIP capability available to all SIP subscribers and provisioned as part of the Office Service ID.
	T_MID_CALL	REFER_																	
		TRIGGER																	

F N A M E	TDPn	TIDn	T	F	F	F	F	F		V		V		V		V	V	O		C	T	G R P	Description
			Y	N	N	N	N	N	T	A	T	A	T	A	T	A	A	f		P	t		
			E	E	E	E	E	E	P	U	P	U	P	U	P	U	U	i	c	S	x	m	
			1	1	2	3	4	5	1	1	2	2	3	3	4	4	5	e					
SC1D	COLLECTED_ INFORMATION	SC1D_TRIGGER	R	S														Y	Y		N	1-digit speed calling.	
				C																			
				1																			
				D																			
				—																			
				A																			
				C																			
				T																			
SC1D_ ACT	COLLECTED_ INFORMATION	VERTICAL_ SERVICE_CODE	R															Y	Y		N	1-digit speed calling aCtivation code.	
SC2D	COLLECTED_ INFORMATION	SC2D_TRIGGER	R	S														Y	Y		N	2-digit speed calling.	
				C																			
				2																			
				D																			
				—																			
				A																			
				C																			
				T																			
SC2D_ ACT	COLLECTED_ INFORMATION	VERTICAL_ SERVICE_CODE	R															Y	Y		N	2-digit speed calling aCtivation code.	
SCA	TERMINATION_ ATTEMPT_ AUTHORIZED	TERMINATION_ ATTEMPT_ AUTHORIZED	R															Y	Y		N	Selective call acceptance.	
SCA_ ACT	COLLECTED_ INFORMATION	VERTICAL_ SERVICE_CODE	R															Y	Y		N	SCA activation code. ACA_ACT provides access to an IVR server for activation, screening list setup and editing, and deactivation of SCA.	
SCF	TERMINATION_ ATTEMPT_ AUTHORIZED	TERMINATION_ ATTEMPT_ AUTHORIZED	R															Y	Y		N	Selective call forwarding. See Table B-2 for Release 4.5.x TYPEn/VALUEn information.	
SCF_ ACT	COLLECTED_ INFORMATION	VERTICAL_ SERVICE_CODE	R															Y	Y		N	Selective call forwarding activation.	

[illegible]

Table B-1 **List of Features (continued)**

Feature Name	TDPn	TIDn	Feature Name																Description
			TYPEn	FNAMn	FNAMn	FNAMn	FNAMn	FNAMn	FNAMn	FNAMn	FNAMn	FNAMn	FNAMn	FNAMn	FNAMn	FNAMn	FNAMn	FNAMn	
VM (Re-lease 4.5)	CALL_ACCEPTED T_BUSY	CALL_ACCEPTED T_BUSY	R	V	V	V													Voice mail feature. See Table B-2 for Release 4.5.x TYPEn/VALUEn information.
VM_ACCESS (Re-lease 4.5)	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R																Voice mail access feature.
VMA (Re-lease 4.5)	TERMINATION_ATTEMPT_AUTHORIZED	TERMINATION_ATTEMPT_AUTHORIZED	R	V	V	V													Voice mail always feature. See Table B-2 for Release 4.5.x TYPEn/VALUEn information.
VMA_ACT (Re-lease 4.5)	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R																Voice mail always activation feature.
VM_ACT (Re-lease 4.5)	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R																Voice mail activation feature.
VMA_DEACT (Re-lease 4.5)	COLLECTED_INFORMATION	VERTICAL_SERVICE_CODE	R																Voice mail always deactivation feature.

Table B-1 *List of Features (continued)*

Feature Name	TDPn	TIDn	T	F	F	F	F	F	V	V	V	V	V	O	C	T	Description							
			T	N	N	N	N	N	T	A	T	A	T	A	A	f		n	a					
			Y	A	A	A	A	A	Y	L	Y	L	Y	L	L	f		P	t	n				
			P	M	M	M	M	M	P	U	P	U	P	U	U	i		O	r	d	G			
			E	E	E	E	E	E	E	E	E	E	E	E	E	E		c	T	e	e	R		
			1	1	2	3	4	5	1	1	2	2	3	3	4	4	5	e	S	x	m	P		
VM_ DEACT (Re- lease 4.5)	COLLECTED_ INFORMATION	VERTICAL_ SERVICE_CODE	R																					Voice mail deactivation feature.
WARM LINE	O_ATTEMPT_ AUTHORIZED	O_ATTEMPT_ AUTHD	R						T O	4								Y	Y		N			Warmline feature. See Table B-2 for Release 4.5.x TYPEn/VALUEn information.

Feature Profile Base Feature List (Release 4.5)

Table B-2 lists the features for the “Feature Profile Base (Release 4.5)” table.

Table B-2 Feature Profile Base Features

FNAME	Feature Name	Type	Datatype	From-Value	To-Value	Default	Description
CFB	Call Forwarding Busy	INTL	BOOLEAN			N	Allow forwarding to international numbers (Yes/No).
CFB	Call Forwarding Busy	MCF	BOOLEAN			Y	Allow forwarding of multiple simultaneous calls (Yes/No).
CFBI	Call Forwarding Busy interrogation	FDT	STRING			NO_TONE	Send a final dial tone after a confirmation tone. Permitted values are: NO_TONE DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE
CFBI	Call Forwarding Busy interrogation	SDT	STRING			NO_TONE	Send a second dial tone after a star code. Permitted values are: NO_TONE DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE
CFBVA	Call Forwarding Busy Activation	CC	STRING			N	Courtesy call.
CFBVA	Call Forwarding Busy Activation	FDT	STRING			CONFIRMATION_DIAL_TONE	Send a final dial tone after a confirmation tone. Permitted values are: NO_TONE DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE
CFBVA	Call Forwarding Busy Activation	INTL	BOOLEAN			N	Allow forwarding to international numbers (Yes/No).

Table B-2 Feature Profile Base Features (continued)

FNAME	Feature Name	Type	Datatype	From-Value	To-Value	Default	Description
CFBVA	Call Forwarding Busy Activation	SDT	STRING			DIAL_TONE	Send a second dial tone after a star code. Permitted values are: NO_TONE DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE
CFBVD	Call Forwarding Busy Deactivation	FDT	STRING			CONFIRMATION_DIAL_TONE	Send a final dial tone after a confirmation tone. Permitted values are: NO_TONE DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE
CFC	Call Forwarding Combination	MCF	BOOLEAN			Y	Allow forwarding of multiple simultaneous calls (Yes/No).
CFC	Call Forwarding Combination	TO	INTEGER	6	180	30	TO = TIMEOUT PERIOD in seconds.
CFC_ACT	Call Forwarding Combination Activation	FDT	STRING			STUTTER_DIAL_TONE	Send a final dial tone after a confirmation tone. Permitted values are: NO_TONE DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE
CFC_DEACT	Call Forwarding Combination Deactivation	FDT	STRING			STUTTER_DIAL_TONE	Send a final dial tone after a confirmation tone. Permitted values are: NO_TONE DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE
CFC_DN_CHG_ACT	Call Forwarding Combination Activation DN Change	CC	STRING			N	Courtesy call.

Table B-2 **Feature Profile Base Features (continued)**

FNAME	Feature Name	Type	Datatype	From-Value	To-Value	Default	Description
CFC_DN_CHG_ACT	Call Forwarding Combination Activation DN Change	FDT	STRING			STUTTER_DIAL_TONE	Send a final dial tone after a confirmation tone. Permitted values are: NO_TONE DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE
CFC_DN_CHG_ACT	Call Forwarding Combination Activation DN Change	INTL	BOOLEAN			N	Allow forwarding to international numbers (Yes/No).
CFC_DN_CHG_ACT	Call Forwarding Combination Activation DN Change	SDT	STRING			DIAL_TONE	Send a second dial tone after a star code. Permitted values are: NO_TONE DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE
CFCI	CFC Interrogation with DN Verification	FDT	STRING			NO_TONE	Send a final dial tone after a confirmation tone. Permitted values are: NO_TONE DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE
CFCI	CFC Interrogation with DN Verification	SDT	STRING			NO_TONE	Send a second dial tone after a star code. Permitted values are: NO_TONE DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE

Table B-2 **Feature Profile Base Features (continued)**

FNAME	Feature Name	Type	Datatype	From-Value	To-Value	Default	Description
CFCI_NO_DN_VRFY	CFC Interrogation with no DN Verification	FDT	STRING			NO_TONE	Send a final dial tone after a confirmation tone. Permitted values are: NO_TONE DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE
CFCI_NO_DN_VRFY	CFC Interrogation with no DN Verification	SDT	STRING			NO_TONE	Send a second dial tone after a star code. Permitted values are: NO_TONE DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE
CFNA	Call Forwarding No Answer	INTL	BOOLEAN			N	Allow forwarding to international numbers (Yes/No).
CFNA	Call Forwarding No Answer	MCF	BOOLEAN			Y	Allow forwarding of multiple simultaneous calls (Yes/No).
CFNA	Call Forwarding No Answer	TO	INTEGER	6	180	30	TO = TIMEOUT PERIOD in seconds.
CFNAI	CFNA Variable interrogation	FDT	STRING			NO_TONE	Send a final dial tone after a confirmation tone. Permitted values are: NO_TONE DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE
CFNAI	CFNA Variable interrogation	SDT	STRING			NO_TONE	Send a second dial tone after a star code. Permitted values are: NO_TONE DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE

Table B-2 **Feature Profile Base Features (continued)**

FNAME	Feature Name	Type	Datatype	From-Value	To-Value	Default	Description
CFNAVA	CFNA Variable Activation	CC	STRING			N	Courtesy call.
CFNAVA	CFNA Variable Activation	FDT	STRING			CONFIRMATION_DIAL_TONE	Send a final dial tone after a confirmation tone. Permitted values are: NO_TONE DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE
CFNAVA	CFNA Variable Activation	INTL	BOOLEAN			N	Allow forwarding to international numbers (Yes/No).
CFNAVA	CFNA Variable Activation	SDT	STRING			DIAL_TONE	Send a second dial tone after a star code. Permitted values are: NO_TONE DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE
CFNAVD	CFNA Variable Deactivation	FDT	STRING			CONFIRMATION_DIAL_TONE	Send a final dial tone after a confirmation tone. Permitted values are: NO_TONE DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE
CFU	Call Forwarding Unconditional	INTL	BOOLEAN			N	Allow forwarding to international numbers (Yes/No).
CFU	Call Forwarding Unconditional	MCF	BOOLEAN			Y	Allow forwarding of multiple simultaneous calls (Yes/No).
CFU	Call Forwarding Unconditional	RR	BOOLEAN			Y	Ring reminder.
CFUA	CFU Variable Activation	CC	STRING			ANS	Courtesy call.

Table B-2 **Feature Profile Base Features (continued)**

FNAME	Feature Name	Type	Datatype	From-Value	To-Value	Default	Description
CFUA	CFU Variable Activation	FDT	STRING			CONFIRMATION_DIAL_TONE	Send a final dial tone after a confirmation tone. Permitted values are: NO_TONE DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE
CFUA	CFU Variable Activation	INTL	BOOLEAN			N	Allow forwarding to international numbers (Yes/No).
CFUA	CFU Variable Activation	SDT	STRING			DIAL_TONE	Send a second dial tone after a star code. Permitted values are: NO_TONE DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE
CFUD	CFU Variable Deactivation	FDT	STRING			CONFIRMATION_DIAL_TONE	Send a final dial tone after a confirmation tone. Permitted values are: NO_TONE DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE
CFUI	CFU interrogation	FDT	STRING			NO_TONE	Send a final dial tone after a confirmation tone. Permitted values are: NO_TONE DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE

Table B-2 **Feature Profile Base Features (continued)**

FNAME	Feature Name	Type	Datatype	From-Value	To-Value	Default	Description
CFUI	CFU interrogation	SDT	STRING			NO_TONE	Send a second dial tone after a star code. Permitted values are: NO_TONE DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE
CFVABBG	Call Forwarding Variable Activation for Business Groups	CC	STRING			N	Courtesy call.
CFVABBG	Call Forwarding Variable Activation for Business Groups	FDT	STRING			CONFIRMATION_DIAL_TONE	Send a final dial tone after a confirmation tone. Permitted values are: NO_TONE DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE.
CFVABBG	Call Forwarding Variable Activation for Business Groups	INTL	BOOLEAN			N	Allow forwarding to international numbers (Yes/No).
CFVABBG	Call Forwarding Variable Activation for Business Groups	SDT	STRING			DIAL_TONE	Send a second dial tone after a star code. Permitted values are: NO_TONE DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE
CFVBBG	Call Forwarding Variable for Business Groups	INTL	BOOLEAN			N	Allow forwarding to international numbers (Yes/No).
CFVBBG	Call Forwarding Variable for Business Groups	MCF	BOOLEAN			Y	Allow forwarding of multiple simultaneous calls (Yes/No).

Table B-2 Feature Profile Base Features (continued)

FNAME	Feature Name	Type	Datatype	From-Value	To-Value	Default	Description
CFVBBG	Call Forwarding Variable for Business Groups	RR	BOOLEAN			Y	Ring reminder.
CIDS	Calling Identity Delivery / Suppression per call	SDT	STRING			STUTTER_DIAL_TONE	Send a second dial tone after star code. Permitted values are NO_TONE, DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE
CIDSD	Calling Identity Delivery PER CALL	SDT	STRING			STUTTER_DIAL_TONE	Send a second dial tone after star code. Permitted values are: NO_TONE, DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE
CIDSS	Calling Identity Suppression per call	SDT	STRING			STUTTER_DIAL_TONE	Send a second dial tone after star code. Permitted values are: NO_TONE, DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE
CNAB	Calling Name Delivery Blocking	SDT	STRING			STUTTER_DIAL_TONE	Send a second dial tone after star code. Permitted values are: NO_TONE, DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE
CNDB	Calling Number Delivery Blocking	SDT	STRING			STUTTER_DIAL_TONE	Send a second dial tone after star code. Toggles the Privacy Indicator. Permitted values are: NO_TONE, DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE

Table B-2 Feature Profile Base Features (continued)

FNAME	Feature Name	Type	Datatype	From-Value	To-Value	Default	Description
CWD	Call Waiting Deluxe	TO	INTEGER	10	30	15	TO = TIMEOUT PERIOD in seconds. 0 indicates no timeout.
HOTV	Hotline Variable	TO	INTEGER	1	15	4	TO = TIMEOUT PERIOD in seconds.
OCB	Outgoing Call Barring	FAIL_ CNT	INTEGER	0	10	3	Fail count
OCB	Outgoing Call Barring	LOCK_ OUT	INTEGER	0	180	30	Lockout period. 0 = Lock-out indefinitely.
OCB	Outgoing Call Barring	PIN_LEN	INTEGER	1	8	4	PIN length
OCB	Outgoing Call Barring	TO	INTEGER	0	180		TO = TIMEOUT PERIOD in minutes.
RCF	Remote Call Forwarding	MCF	BOOLEAN			Y	Allow forwarding of multiple simultaneous calls (Yes/No).
RCF	Remote Call Forwarding	RR	BOOLEAN			N	Ring reminder.
SCF	Selective Call Forwarding	RR	BOOLEAN			Y	Ring reminder.
VM	Voice Mail	MCF	BOOLEAN			Y	Allow forwarding of multiple simultaneous calls (Yes/No).
VM	Voice Mail	TO	INTEGER	1	15	4	TO = TIMEOUT PERIOD in seconds.
VMA	Voice Mail Always	MCF	BOOLEAN			Y	Allow forwarding of multiple simultaneous calls (Yes/No).
VMA	Voice Mail Always	RR	BOOLEAN			Y	Ring reminder.
WARMLINE	Warmline Feature	TO	INTEGER	1	15	4	Warmline feature.

Feature Type and Value Definitions (Release 4.5)

Table B-3 lists the valid feature type and value definitions for the “Feature Profile Base (Release 4.5)” table.

Table B-3 **Feature Type-Value Definitions**

Type	Definition	Feature	Value	Description
CC	Courtesy call	See the “Feature Profile Base (Release 4.5)” table	ANS	Make a courtesy call (CC) during call forwarding activation. Answer on CC is required to activate call forwarding (CF).
			NOANS	Make a courtesy call during call forwarding activation. Answer on CC is not required to activate CF.
			N	No courtesy call during call forwarding activation.
			BBG	Make a courtesy call during call forwarding activation. Answer on CC is required for CF activation to calls external to BBG, but no answer is required for calls internal to BBG. Applies only to CFVABBG.
FDT	Final Dial Tone	See the “Feature Profile Base (Release 4.5)” table	See description.	Send a final dial tone after a confirmation tone. Permitted values are: NO_TONE DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE
FAIL-CNT	Number of consecutive failures allowed before service is locked.	OCB	0	0—indicates no service lockout.
			Range: 1–10	Number of invalid attempts to activate or deactivate OCB before service is locked out.
INTL	International Call Forwarding allowed or not.	See the “Feature Profile Base (Release 4.5)” table	Y	Allows forwarding to international numbers.
			N	Do not allow forwarding to an international number.

Table B-3 Feature Type-Value Definitions (continued)

Type	Definition	Feature	Value	Description
LOCK-OUT	Lockout period for OCB feature	OCB	Range 0–180	Lockout period in minutes.
			0	Lock out indefinitely. Requires a service order to unlock.
			Range: 1–180	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.
MCF	Multiple Call Forwarding—Indicates if multiple call forwarding is allowed when CFU is encountered. By default only 1 call at a time can be forwarded from any subscriber.	See the “Feature Profile Base (Release 4.5)” table	Y	Allow forwarding of multiple simultaneous calls.
			N	Allow forwarding of only one call at a time.
PIN-LEN	Pin length for OCB feature	OCB	Range: 4–12	Specifies the pin length.
RR	Ring reminder—Indicates whether to provide a splash ring when a call is forwarded.	See the “Feature Profile Base (Release 4.5)” table	Y	Send a splash ring if phone is idle when a call is forwarded as a result of call forwarding.
			N	Do not send a splash ring.
SDT	Second Dial Tone	See the “Feature Profile Base (Release 4.5)” table	See description.	Send a second dial tone after a star code. Permitted values are: NO_TONE DIAL_TONE STUTTER_DIAL_TONE CONFIRMATION_TONE CONFIRMATION_DIAL_TONE
TO	Timeout	CFNA	Range: 6–180	Number of seconds to ring a telephone before forwarding. 6 seconds is equivalent to 1 ring.
	Timeout	WARM LINE	Range: 1–15	Number of seconds for dial tone timeout for warmline feature.
	Timeout—Number of minutes before the service is unlocked (see FAIL-CNT).	OCB	0 Range: 1–180	Failures are ignored. Tracks the number of consecutive failures in minutes within the TO time span. The time span begins with the first failure.

Feature Configuration Base Types and Values (Release 4.5)

Table B-4 lists the types and values for the “Feature Configuration Base (Release 4.5)” table.

Table B-4 Feature Configuration Base Table Types and Values

Add	Fname	Type	Datatype	From	To	CHK-POS -Values	Default	Description
# IVR based COS Feature								
	COS	FDT-TIMER	INTEGER	10	100	N	40	First digit timer for AUTH/ACCT collection in tenths of a second. Note To determine the correct value, use the following formula as a guide: 100 times 1/10 = 10 seconds. In this case, specify 100 to enter a 10 second interval.
	COS	IDT-TIMER	INTEGER	10	100	N	40	Inter-digit timer for AUTH/ACCT collection in tenths of a second. Note To determine the correct value, use the following formula as a guide: 100 times 1/10 = 10 seconds. In this case, specify 100 to enter a 10 second interval.
# IVR based NSA Feature								
	NSA	FDT-TIMER	INTEGER	10	100	N	40	First digit timer for AUTH/ACCT collection in tenths of a second. Note To determine the correct value, use the following formula as a guide: 100 times 1/10 = 10 seconds. In this case, specify 100 to enter a 10 second interval.
	NSA	IDT-TIMER	INTEGER	10	100	N	40	Inter-digit timer for AUTH/ACCT collection in tenths of a second. Note To determine the correct value, use the following formula as a guide: 100 times 1/10 = 10 seconds. In this case, specify 100 to enter a 10 second interval.
	NSA	INVOKE-DIGITS	DIGITS			N	1	Invoke digit(s) for NSA feature.
	NSA	RESTART-KEY	STRING			N	*	Restart key to erase the entered digits and restart entering digits.

Table B-4 Feature Configuration Base Table Types and Values (continued)

Add	Fname	Type	Datatype	From	To	CHK-POS -Values	Default	Description
	NSA	RETURN-KEY	STRING			N	#	Return key to signal that all digits are entered. Do not wait for IDT-TIMER.
# For IVR based NSA Activation (NSA-ACT)								
# Authentication								
	NSA-ACT	AUTH-ENABLED	BOOLEAN			N	Y	Specifies whether to enable authentication.
	NSA-ACT	AUTH-REPLAY-PIN-OP-CONFIRM	DIGITS			N	1	Operation key to confirm the PIN.
	NSA-ACT	AUTH-REPLAY-PIN-OP-REENTER	DIGITS			N	2	Operation key to reenter the PIN.
# NSA_ACT ATimer and Reattempts								
	NSA-ACT	REPEAT-INSTRUCTION	DIGITS			N	0	Operations key to repeat instructions.
	NSA-ACT	RESTART-KEY	STRING			N	*	Restart key to erase the entered digits and restart entering digits.
	NSA-ACT	RETURN-KEY	STRING			N	#	Return key to signal that all digits are entered. Do not wait for IDT-TIMER.
	NSA-ACT	NUM-ATTEMPTS	INTEGER	1	5	N	3	Specifies the number of attempts to request a valid response. This allows the IVR server to control flow appropriately. Note The recommended value is 1.
	NSA-ACT	T-SESSION	INTEGER	300	1200	N	600	Session timer in tenths of a second. The session times out after this amount of idle time during an activation session. Note To determine the correct value, use the following formula as a guide: 1200 times 1/10 = 120 seconds. In this case, specify 1200 to enter a 120 second interval.
# For NSA-ACT Time-of-day (TOD) Management								

Table B-4 *Feature Configuration Base Table Types and Values (continued)*

Add	Fname	Type	Datatype	From	To	CHK-POS -Values	Default	Description
	NSA-ACT	TOD- ENABLED	BOOLEAN			N	*	Specifies whether to enable the TOD management function for a subscriber. When enabled, the subscriber can manage the TOD feature using the handset.
	NSA-ACT	TOD-SET- OLD	DIGITS			N	1	Operations key to set the schedule to the old record.
	NSA-ACT	TOD-SET- NEW	DIGITS			N	2	Operations key to set a new schedule.
# For NSA-ACT SLE # Timer and reattempts								
	SLE	T1-TIMER	INTEGER	20	100	N	40	Specifies in tenths of a second how long the SPCS waits for a customer to confirm an existing remote DN or indicate that the remote DN should be changed. T1 is settable between 2 and 10 seconds with an interval of 1 second and a suggested value of 4 seconds. Note To determine the correct value, use the following formula as a guide: 20 times 1/10 = 2 seconds. In this case, specify 20 to enter a 2 second interval.
	SLE	T2-TIMER	INTEGER	20	100	N	40	Specifies in tenths of a second how long the SPCS waits for a customer to specify a new remote DN. T2 defines how long the SPCS waits for the customer to specify a new remote DN. Note To determine the correct value, use the following formula as a guide: 20 times 1/10 = 2 seconds. In this case, specify 20 to enter a 2 second interval.
	SLE	T3-TIMER	INTEGER	20	100	N	40	Specifies in tenths of a second how long the SPCS waits for a customer to specify “#”, “12”, or “0” when a DN must be added to the list during feature activation. T3 is settable between 2 and 10 seconds with an interval of 1 second and a suggested value of 4 seconds. Note To determine the correct value, use the following formula as a guide: 20 times 1/10 = 2 seconds. In this case, specify 20 to enter a 2 second interval.

Table B-4 Feature Configuration Base Table Types and Values (continued)

Add	Fname	Type	Datatype	From	To	CHK-POS -Values	Default	Description
	SLE	T4-TIMER	INTEGER	20	100	N	40	Specifies in tenths of a second how long the SPCS waits for a customer to specify a DN when adding or deleting an entry. T4 is settable between 2 and 10 seconds with an interval of 1 second and a suggested value of 4 seconds. Note To determine the correct value, use the following formula as a guide: 20 times 1/10 = 2 seconds. In this case, specify 20 to enter a 2 second interval.
	SLE	T5-TIMER	INTEGER	20	40	N	30	Specifies in tenths of a second how long the originating SPCS waits for a response to the initial query sent to the screened DN's SPCS. T5 is settable between 2 and 4 seconds with an interval of 1 second and a suggested value of 3 seconds. Note To determine the correct value, use the following formula as a guide: 20 times 1/10 = 2 seconds. In this case, specify 20 to enter a 2 second interval.
	SLE	T6-TIMER	INTEGER	20	40	N	35	Specifies in tenths of a second how long the SPCS waits for the customer to specify an option after an entry on the list is voiced back during list review. For DTMF customers, T6 is settable between 2 and 3 seconds with an interval of 0.5 second and a suggested value of 2.5 seconds. For dial pulse customers, it is settable between 3 and 4 seconds with an interval of 0.5 second and a suggested value of 3.5 seconds Note (Note: dial pulse capability is dependant on the gateway. The dial pulse default values are used.) Note To determine the correct value, use the following formula as a guide: 20 times 1/10 = 2 seconds. In this case, specify 20 to enter a 2 second interval.
	SLE	IDT-TIMER	INTEGER	20	90	N	40	Interdigit timer. The interdigit timing is settable between 2 and 9 seconds with an interval of 1 second and a suggested value of 4 seconds.
# SLE Non-GR-220 Reattempts and Session Timer								

Table B-4 Feature Configuration Base Table Types and Values (continued)

Add	Fname	Type	Datatype	From	To	CHK-POS -Values	Default	Description
	SLE	NUM-ATTEMPTS	INTEGER	1	5	N	30	Specifies the number of attempts to request a valid response. This allows the IVR server to control flow appropriately. Note Recommended value is 1.
	SLE	T-SESSION	INTEGER	300	1200	N	600	Default session timer in tenths of a second. The session times out after this amount of idle time during an SLE session. Not in GR-220.
# GR-220 Operation Keys								
	SLE	REPEAT-INSTRUCTION	DIGITS			N	0	Operations key to go to the repeat instruction menu.
	SLE	LIST-REVIEW	DIGITS			N	1	Operations key to go to the list review menu.
	SLE	TOD	DIGITS			N	2	Operations key to go to the TOD menu, not in GR-220.
	SLE	CHANGE-STATUS	DIGITS			N	3	Operations key to go to the change status menu.
	SLE	ADD-ENTRY	DIGITS			N	#	Operations key to go to the add entry menu.
	SLE	DELETE-ENTRY	DIGITS			N	*	Operations key to go to the delete entry menu.
	SLE	ADD-ENTRY-RETURN-KEY	DIGITS			N	*	Return key for the add entry procedure.
	SLE	DELETE-ENTRY-RETURN-KEY	DIGITS			N	#	Return key for the delete entry procedure.
	SLE	LAST-CALLING-PARTY	DIGITS			N	01	Operations key for the last calling party.
	SLE	INTERCOM-DIALING-CODE	DIGITS			N	02	Operations key for the extension.
	SLE	WILDCARD	DIGITS			N	03	Operations key for the wildcard
	SLE	DELETE-VOICED-BACK-ENTRY	DIGITS			N	07	Operations key to delete the voiced back entry.

Table B-4 Feature Configuration Base Table Types and Values (continued)

Add	Fname	Type	Datatype	From	To	CHK-POS -Values	Default	Description
	SLE	DELETE- ALL- ENTRIES	DIGITS			N	08	Operations key to delete all entries
	SLE	DELETE- ALL-ANONY MOUS- ENTRIES	DIGITS			N	09	Operations key to delete all anonymous
	SLE	LIST- EDITING- RETURN- KEY	DIGITS			Y	*#	Return key. Both an asterisk (*) and a hash (#) are valid
# Call Forwarding Busy on Unreachable								
	CFB	FORWARD- ON- UNREACH ABLE	BOOLEAN			N	Y	Forward calls by CFB when the called party is unreachable.
# Privacy Screening Feature for ACR and PS								
	PS	PRIVACY- UNKNOWN-T REAT MENT	STRING			Y	PUBLIC	Specifies whether to treat an incoming call as unknown privacy received, no privacy screening, no calling party information received, or anonymous.
	ACR	PRIVACY- UNKNOWN-T REAT MENT	STRING			Y	PUBLIC	Specifies whether to treat an incoming call as unknown privacy received, no privacy screening, no calling party information received, or anonymous..
# Wakeup Call (Release 4.5.1) (Not supported)								
	WKUP	WKUP_ RINGTIME	INTEGER	1	180	N	120	Specifies, in seconds, how many times a wake call rings.
	WKUP	WKUP_ ATTEMPTS	INTEGER	1	4	N	2	Specifies the number of wake call attempts.
	WKUP	WKUP_ INTERVAL	INTEGER	1	20	N	10	Specifies the wakeup interval. The wakeup interval is the time between the beginning of the first attempt and the beginning of the second attempt.
	WKUP	WKUP_ TCLSCRIPT	STRING			N		Specifies the TCL script file name to be played by the media server to play.

