



APPENDIX **A**

CDE Listings by Release

Revised: July 21, 2010, OL-1089-18

This appendix lists the valid call detail elements (CDEs) on a release-by-release basis. The valid CDEs are listed in the following sections:

- [CDE Baseline—Release 9.1\(5\) and Higher, page A-1](#)
- [CDE Changes in Release 9.2\(2\), page A-4](#)
- [CDE Changes in Release 9.3\(1\), page A-5](#)
- [CDE Changes in Release 9.3\(2\), page A-5](#)
- [CDE Changes in Release 9.4\(1\), page A-5](#)
- [CDE Changes in Release 9.5\(2\), page A-6](#)
- [CDE Changes in Release 9.6\(1\), page A-7](#)
- [CDE Changes in Release 9.7, page A-8](#)
- [CDE Changes in Release 9.8, page A-10](#)

CDE Baseline—Release 9.1(5) and Higher

[Table A-1](#) lists the CDEs that are valid as of Release 9.1(5).

Table A-1 *Valid CDEs for Release 9.1(5) and Higher*

Tag Value	Field Name
2000	Calling Party Category
2001	User Service Information
2002	Originating Line Information
2003	Calling Number Nature of Address
2004	Charged Number Nature of Address
2005	Dialed Number Nature of Address
2006	LRN Nature of Address
2007	Called Number Nature of Address
2008	Reason Code
2009	Forward Call Indicators Received

Table A-1 **Valid CDEs for Release 9.1(5) and Higher (continued)**

Tag Value	Field Name
2010	Forward Call Indicators Sent
2011	Nature of Connection Indicators Received
2012	Nature of Connection Indicators Sent
2013	Transit Network Selection
2014	Carrier Identification Parameter
2015	Carrier Selection Parameter
2016	Jurisdiction Information Parameter
2017	Redirecting Number NOA
3000	Calling Party Category
3001	User Service Information
3003	Calling Number Nature of Address
3005	Dialed Number Nature of Address
3006	LRN Nature of Address
3007	Called Number Nature of Address
3008	Reason Code
3009	Forward Call Indicators Received
3010	Forward Call Indicators Sent
3011	Nature of Connection Indicators Received
3012	Nature of Connection Indicators Sent
3013	Transit Network Selection
3017	Redirecting Number NOA
4000	CDB Version
4001	CDB Timepoint
4002	Call Reference ID
4003	IAM Timepoint
4004	ACM Timepoint
4005	ANM Timepoint
4006	REL Timepoint
4007	Crash Timepoint
4008	Originating Trunk Group
4009	Originating Member
4010	Calling Number
4011	Charged Number
4012	Dialed Number
4013	LRN Number
4014	Called Number

Table A-1 Valid CDEs for Release 9.1(5) and Higher (continued)

Tag Value	Field Name
4015	Terminating Trunk Group
4016	Terminating Member
4017	Maint Trunk Group
4018	Maint Circuit Member
4019	Glare Encountered
4020	RLC Release Timepoint
4028	First Release Source
4029	LNP Dip
4030	Total Meter Pulses
4032	Maint Type
4033	Maint Reason
4034	Ingress Originating Point Code
4035	Ingress Destination Point Code
4036	Egress Originating Point Code
4037	Egress Destination Point Code
4038	Ingress Media Gateway ID
4039	Egress Media Gateway ID
4040	TCAP Transaction Identification
4041	Transaction Start Time
4042	Transaction End Time
4043	TCAP Database Identification
4044	Announcement Identification
4045	Route Selection Info
4048	Directional Flag
4049	Service Logic ID
4050	AMA Line Number
4052	Originating Gateway Primary Select
4053	Terminating Gateway Primary Select
4060	Redirecting Number
4061	Tariff Rate
4062	Scale Factor
4063	Test Line Indicator
4066	Ingress SigPath ID
4067	Ingress Span ID
4068	Ingress BearChan ID
4069	Ingress Protocol ID

Table A-1 Valid CDEs for Release 9.1(5) and Higher (continued)

Tag Value	Field Name
4070	Egress SigPath ID
4071	Egress Span ID
4072	Egress BearChan ID
4073	Egress Protocol ID
4074	Maintenance SigPath ID
4075	Maintenance Span ID
4076	Maintenance BearChan ID
4077	Maintenance Circuits Count
4100	IAM Timepoint Received_ms
4101	IAM Timepoint Sent_ms
4102	ACM Timepoint Received_ms
4103	ACM Timepoint Sent_ms
4104	ANM Timepoint Received_ms
4105	ANM Timepoint Sent_ms
4106	First REL Timepoint_ms
4107	Second REL Timepoint_ms
4108	RLC Timepoint Received_ms
4109	RLC Timepoint Sent_ms
4201	Ingress SIP URL
4202	Egress SIP URL
4203	SIP Call ID
5000	Unique Call Correlator ID
6000	MGC ID
6001	File Start Time
6002	File End Time
6003	Total Number of CDB records
6004	MGC Version
6100	TTC Contract #
6101	TTC Contract # NOA
6102	TTC Charge Info
6103	TTC Charge Info Type
6104	TTC Charge Area Info

CDE Changes in Release 9.2(2)

There are no CDE changes in Release 9.2(2).

CDE Changes in Release 9.3(1)

Table A-2 lists the CDEs that are valid as of Release 9.3(1).

Table A-2 CDE Changes in Release 9.3(1)

Tag Value	Field Name	Action
4078	Charge Band Number	Added
4079	Furnish Charging Information	Added
4080	Original Called Number	Added

CDE Changes in Release 9.3(2)

Table A-3 lists the CDEs that are valid as of Release 9.3(2).

Table A-3 CDE Changes in Release 9.3(2)

Tag Value	Field Name	Action
4034	Ingress Originating Point Code	Existed, added to the 1110 CDB
4035	Ingress Destination Point Code	Existed, added to the 1110 CDB
4036	Egress Originating Point Code	Existed, added to the 1110 CDB
4037	Egress Destination Point Code	Existed, added to the 1110 CDB
4068	Ingress BearChan ID	Existed, added to the 1110 CDB
4072	Egress BearChan ID	Existed, added to the 1110 CDB
4081	T.38 Fax Call	Added
4082	Charge Unit Number	Added

CDE Changes in Release 9.4(1)

Table A-4 lists the CDE changes for Release 9.4(1).

Table A-4 CDE Changes in Release 9.4(1)

Tag Value	Field Name	Action
1071	SS7 CIC Audit	Added
4033	Maint Reason	Retired
4046	Ingress Gateway Packet Info	Restored

Table A-4 CDE Changes in Release 9.4(1) (continued)

Tag Value	Field Name	Action
4047	Egress Gateway Packet Info	Restored
4098	Originating Leg DSP Statistics	Added
4099	Terminating Leg DSP Statistics	Added
4204	Source IP Address	Added
4205	Ingress Media Device Address	Added
4206	Egress Media Device Address	Added
4207	Initial Codec	Added
4208	Final Codec	Added
4209	Ingress Media Device Port	Added
4210	Egress Media Device Port	Added
4211	Originating VPN ID	Added
4212	Terminating VPN ID	Added
4234	Total Circuits Count	Added
4235	Total Circuits Unavailable Count	Added

CDE Changes in Release 9.5(2)

Table A-5 lists the CDE changes for Release 9.5(2).

Table A-5 CDE Changes in Release 9.5(2)

Tag Value	Field Name	Action
2018	Egress Calling Number NOA	Added in a patch
2019	Egress Redirecting Number NOA	Added in a patch
2020	Egress Original Called Number NOA	Added in a patch
3018	Egress Calling Number NOA	Added in a patch
3019	Egress Redirecting Number NOA	Added in a patch
3020	Egress Original Called Number NOA	Added in a patch
4044	Announcement Identification	Modified, added to CDB 1030
4045	Route Selection Info	Retired
4083	Charge Indicator	Added
4084	Outgoing Calling Party Number	Added
4085	MCID Request Indicator	Added
4086	MCID Response Indicator	Added
4087	Ingress MGCP DLCX Return Code	Added
4088	Egress MGCP DLCX Return Code	Added

Table A-5 CDE Changes in Release 9.5(2) (continued)

Tag Value	Field Name	Action
4089	Network Translated Address Indicator	Added
4090	Reservation Request Accepted	Added
4091	Reservation Request Error Count	Added
4092	ATM Ingress Configured Profile	Added
4093	ATM Egress Configured Profile	Added
4094	ATM Negotiated Profile	Added
4095	Route List Name	Added
4096	Route Name	Added
4097	MGCP Script Response String	Added
4213	Meter Pulses Received	Added
4214	Meter Pulses Sent	Added
4215	Charge Tariff Info	Added
4216	Advice of Charge Indicator	Added
4217	Short Call Indicator	Added
4218	Charge Limit Exceeded	Added
4219	Call Recovered Indication	Added
4220	Partial Calling Line Identity	Added
4221	Service Activation	Added
4222	PRI AOC Invoke Type	Added
4223	PRI AOC – S Charge Information	Added
4224	PRI AOC – D Charge Information	Added
4225	PRI AOC – E Charge Information	Added
4226	PRI AOC Invoke Failure	Added
4237	Ingress Redirecting Number	Added in a patch
6005	Interim CDB	Added

CDE Changes in Release 9.6(1)

Table A-6 lists the CDE changes for Release 9.6(1).

Table A-6 CDE Changes in Release 9.6(1)

Tag Value	Field Name	Action
1210	Slave End-of-Call	Added
1260	Slave Long Duration Call	Added
4030	Total Meter Pulses	Added

Table A-6 CDE Changes in Release 9.6(1) (continued)

Tag Value	Field Name	Action
4098	Originating Leg DSP Statistics	Modified for the Support of DSP Voice Quality Statistics feature, in patch CSCOnn026.
4099	Terminating Leg DSP Statistics	Modified for the Support of DSP Voice Quality Statistics feature, in patch CSCOnn026.
4221	Service Activation	Modified, added new data values.
4227	Route Optimization/Path Replacement Action	Added
4228	Route Optimization/Path Replacement Call Reference of Associated Call Instance	Added
4229	Route Optimization/Path Replacement Trunk Group Info	Added
4230	Route Optimization/Path Replacement Channel Info	Added
4231	Route Optimization Switchover Timestamp	Added
4232	Rejecting Location Label	Added
4233	Rejecting Location Label Direction	Added

CDE Changes in Release 9.7

Table A-7 lists the CDE changes for Release 9.7.

Table A-7 CDE Changes in Release 9.7

Tag Value	Field Name	Action
4046	Ingress Gateway Packet Information	Modified for the H.248 Protocol feature.
4047	Egress Gateway Packet Information	Modified for the H.248 Protocol feature
4056	SIP Terminating Call ID	Added
4069	Ingress Protocol ID	Modified for the H.248 Protocol feature
4073	Egress Protocol ID	Modified for the H.248 Protocol feature
4087	Ingress MGCP DLCX Return Code	Modified for the H.248 Protocol feature
4088	Egress MGCP DLCX Return Code	Modified for the H.248 Protocol feature

Table A-7 CDE Changes in Release 9.7 (continued)

Tag Value	Field Name	Action
4097	MGCP Script Response String	Modified for the H.248 Protocol feature
4098	Originating Leg DSP Statistics	Modified for the H.248 Protocol feature
4099	Terminating Leg DSP Statistics	Modified for the H.248 Protocol feature
4201	Ingress SIP URL	Name changed to Originating Remote SIP Host.
4202	Egress SIP URL	Name changed to Originating Local SIP Host.
4203	SIP Originating Call ID	Renamed from SIP Call ID to SIP Originating Call ID.
4236	H323 Destination	Added
4239	Service Usage Data	Added
4240	CNAM DIP	Added
4241	Calling Party Name	Added
4242	Terminating Remote SIP Host	Added
4243	Terminating Local SIP Host	Added
4244	License Rejecting Reason	Added
4245	License Rejecting Direction	Added
4246	SIP Transport Protocol	Added
4247	SIP Routing URI Source	Added
4248	SIP Routing URI	Added
4256	iTNT Dtmf Digits	Added
4257	NCT Destinations	Added
4258	iTNT Destinations	Added
4259	iTNT MidCall DialPlan	Added

CDE Changes in Release 9.8

Table A-8 lists the CDE changes for Release 9.8.

Table A-8 CDE Changes in Release 9.8

Tag Value	Field Name	Action
4021	Last SAM Timepoint (Second)	Added
4022	Last SAM Timepoint(MilliSecond)	Added
4051	Inbound Trunk Profile	Added
4052	Originating Gateway Primary Select	Modified
4053	Terminating Gateway Primary Select	Modified
4054	Outbound Domain Profile	Added
4055	Call Policy	Added
4056	SIP Terminating Call ID	Added
4057	Egress Trunk Profile	Added
4058	Ingress Domain Profile	Added
4059	Display Name	Added
4110	Ingress Media Gateway Pool ID	Added
4111	Egress Media Gateway Pool ID	Added
4112	Ingress Intergateway Packet Info	Added
4113	Egress Intergateway Packet Info	Added
4203	SIP Originating Call ID	Renamed from SIP Call ID to SIP Originating Call ID.
4246	SIP Ingress Transport	Previously named SIP Transport Protocol. Name changed in this release. Note Tag 4254, SIP Egress Transport, is also added in this release.
4249	Original Source Header	Added
4250	Original Source URI	Added
4251	Final Destination URI	Added
4252	Non-E.164 Destination Route Select Failure	Added
4253	Domain Screening Failure URI	Added
4254	SIP Egress Transport	Added
4255	SIP Final Source URI	Added