

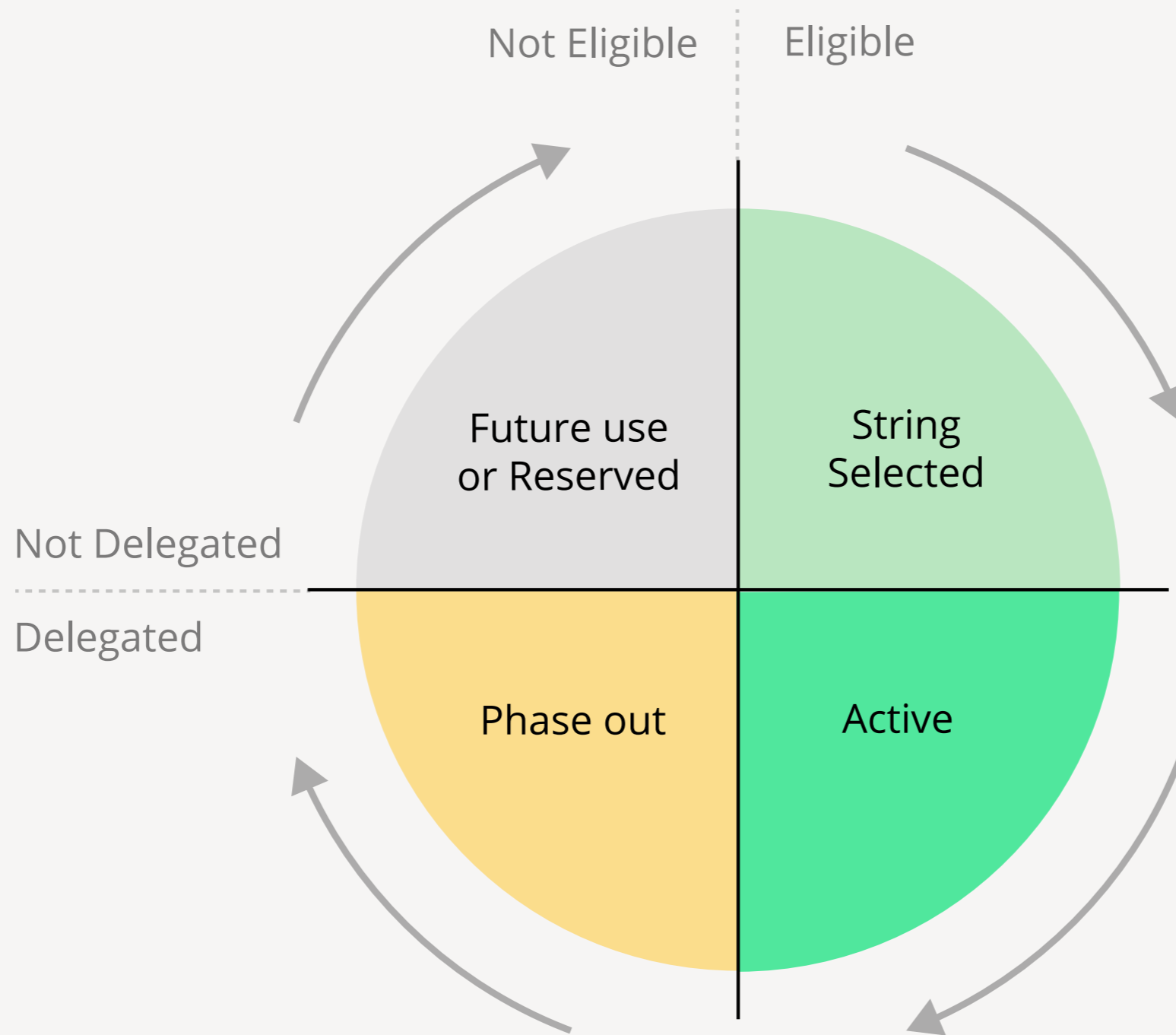
Background on implementation of ccTLD eligibility lifecycle

Kim Davies

ICANN 59: Johannesburg, South Africa
29 June 2017

PTI | An ICANN Affiliate

ccTLD Lifecycle



Eligibility

ASCII ccTLD

Assignment of an ISO
3166-1 alpha-2 code

or

Eligible under
Resolution 00.74

or

Grandfathered
(delegated to exceptionally
reserved code prior to 2000)

IDN ccTLD

Assignment of an ISO
3166-1 alpha-2 code

or

Eligible under
Resolution 00.74

Used to determine country's eligibility only, not string

and

String selected through
IDN Fast Track Process

Assignment of an ISO 3166-1 code

AA	BA	CA	DA	EA	FA	GA	HA	IA	JA	KA	LA	MA	NA	OA	PA	QA	RA	SA	TA	UA	VA	WA	XA	YA	ZA
AB	BB	CB	DB	EB	FB	GB	HB	IB	JB	KB	LB	MB	NB	OB	PB	QB	RB	SB	TB	UB	VB	WB	XB	YB	ZB
AC	BC	CC	DC	EC	FC	GC	HC	IC	JC	KC	LC	MC	NC	OC	PC	QC	RC	SC	TC	UC	VC	WC	XC	YC	ZC
AD	BD	CD	DD	ED	FD	GD	HD	ID	JD	KD	LD	MD	ND	OD	PD	QD	RD	SD	TD	UD	VD	WD	XD	YD	ZD
AE	BE	CE	DE	EE	FE	GE	HE	IE	JE	KE	LE	ME	NE	OE	PE	QE	RE	SE	TE	UE	VE	WE	XE	YE	ZE
AF	BF	CF	DF	EF	FF	GF	HF	IF	JF	KF	LF	MF	NF	OF	PF	QF	RF	SF	TF	UF	VF	WF	XF	YF	ZF
AG	BG	CG	DG	EG	FG	GG	HG	IG	JG	KG	LG	MG	NG	OG	PG	QG	RG	SG	TG	UG	VG	WG	XG	YG	ZG
AH	BH	CH	DH	EH	FH	GH	HH	IH	JH	KH	LH	MH	NH	OH	PH	QH	RH	SH	TH	UH	VH	WH	XH	YH	ZH
AI	BI	CI	DI	EI	FI	GI	HI	II	JI	KI	LI	MI	NI	OI	PI	QI	RI	SI	TI	UI	VI	WI	XI	YI	ZI
AJ	BJ	CJ	DJ	EJ	FJ	GJ	HJ	IJ	JJ	KJ	LJ	MJ	NJ	OJ	PJ	QJ	RJ	SJ	TJ	UJ	VJ	WJ	XJ	YJ	ZJ
AK	BK	CK	DK	EK	FK	GK	HK	IK	JK	KK	LK	MK	NK	OK	PK	QK	RK	SK	TK	UK	VK	WK	XK	YK	ZK
AL	BL	CL	DL	EL	FL	GL	HL	IL	JL	KL	LL	ML	NL	OL	PL	QL	RL	SL	TL	UL	VL	WL	XL	YL	ZL
AM	BM	CM	DM	EM	FM	GM	HM	IM	JM	KM	LM	MM	NM	OM	PM	QM	RM	SM	TM	UM	VM	WM	XM	YM	ZM
AN	BN	CN	DN	EN	FN	GN	HN	IN	JN	KN	LN	MN	NN	ON	PN	QN	RN	SN	TN	UN	VN	WN	XN	YN	ZN
AO	BO	CO	DO	EO	FO	GO	HO	IO	JO	KO	LO	MO	NO	OO	PO	QO	RO	SO	TO	UO	VO	WO	XO	YO	ZO
AP	BP	CP	DP	EP	FP	GP	HP	IP	JP	KP	LP	MP	NP	OP	PP	QP	RP	SP	TP	UP	VP	WP	XP	YP	ZP
AQ	BQ	CQ	DQ	EQ	FQ	GQ	HQ	IQ	JQ	KQ	LQ	MQ	NQ	OQ	PQ	QQ	RQ	SQ	TQ	UQ	VQ	WQ	XQ	YQ	ZQ
AR	BR	CR	DR	ER	FR	GR	HR	IR	JR	KR	LR	MR	NR	OR	PR	QR	RR	SR	TR	UR	VR	WR	XR	YR	ZR
AS	BS	CS	DS	ES	FS	GS	HS	IS	JS	KS	LS	MS	NS	OS	PS	QS	RS	SS	TS	US	VS	WS	XS	YS	ZS
AT	BT	CT	DT	ET	FT	GT	HT	IT	JT	KT	LT	MT	NT	OT	PT	QT	RT	ST	TT	UT	VT	WT	XT	YT	ZT
AU	BU	CU	DU	EU	FU	GU	HU	IU	JU	KU	LU	MU	NU	OU	PU	QU	RU	SU	TU	UU	VU	WU	XU	YU	ZU
AV	BV	CV	DV	EV	FV	GV	HV	IV	JV	KV	LV	MV	NV	OV	PV	QV	RV	SV	TV	UV	VV	WV	XV	YV	ZV
AW	BW	CW	DW	EW	FW	GW	HW	IW	JW	KW	LW	MW	NW	OW	PW	QW	RW	SW	TW	UW	VW	WW	XW	YW	ZW
AX	BX	CX	DX	EX	FX	GX	HX	IX	JX	KX	LX	MX	NX	OX	PX	QX	RX	SX	TX	UX	VX	WX	XX	YX	ZX
AY	BY	CY	DY	EY	FY	GY	HY	IY	JY	KY	LY	MY	NY	OY	PY	QY	RY	SY	TY	UY	VY	WY	XY	YY	ZY
AZ	BZ	CZ	DZ	EZ	FZ	GZ	HZ	IZ	JZ	KZ	LZ	MZ	NZ	OZ	PZ	QZ	RZ	SZ	TZ	UZ	VZ	WZ	XZ	YZ	ZZ

ISO 3166-1 Codes

AA Assigned in ISO 3166-1 standard

ISO 3166 MA Statuses

AA Transitionally Reserved

AA Exceptionally Reserved

AA Indeterminately Reserved

Resolution 00.74

- Whereas, the IANA has received various applications for establishment of ccTLDs involving alpha-2 codes not on the ISO 3166-1 list but on the reserved list published by the ISO 3166 Maintenance Agency;
- Whereas, the IANA's practice on the delegability of such codes has varied from time to time in the past;
- Whereas, the IANA staff has requested guidance as to the appropriate practice to follow regarding such codes;
- It is therefore RESOLVED [00.74] that the IANA staff is advised that alpha-2 codes not on the ISO 3166-1 list are delegable as ccTLDs **only in cases where** the ISO 3166 Maintenance Agency, on its exceptional reservation list, has issued a reservation of **the code that covers any application of ISO 3166-1 that needs a coded representation in the name of the country, territory, or area involved;**

“Cover any application”

ISO 3166/MA N 664

Table 5 — List of exceptionally reserved alpha-2 code elements

Code element	Area name or country name	Reserved on behalf/request of
AC	Ascension Island	UPU
CP	Clipperton Island	ITU
DG	Diego Garcia	ITU
EA	Ceuta, Melilla	WCO
EU	European Union ^a	ISO 4217/MA ^a
FX	France, Metropolitan	France
IC	Canary Islands	WCO
SU	USSR	FID
TA	Tristan da Cunha	UPU
UK	United Kingdom	United Kingdom

^a In March 1998, the scope of the reservation of the code element EU was extended by the ISO 3166/MA to cover also applications of ISO 6166, *Securities and related financial instruments — International securities identification numbering system (ISIN)*. In August 1999, the scope of the reservation of the code element EU was extended to cover any application of ISO 3166-1 that needs a coded representation of the name European Union.

Current exceptionally reserved codes and status

Grandfathered

(delegated with exceptionally reserved status prior to 2000-09-25)

AC

GG*

JE*

UK

Eligible under 00.74

EU

Not eligible but exceptionally reserved

CP

DG

EA

EZ

FX

IC

SU

TA

UN

* Since been changed to assigned in ISO 3166-1 and thus now regularly eligible.

Scope of exceptional reserved codes

Subsidiary

Nation

AC

UK

CP

DG

EA

FX

IC

TA

Supranational

Supranational*

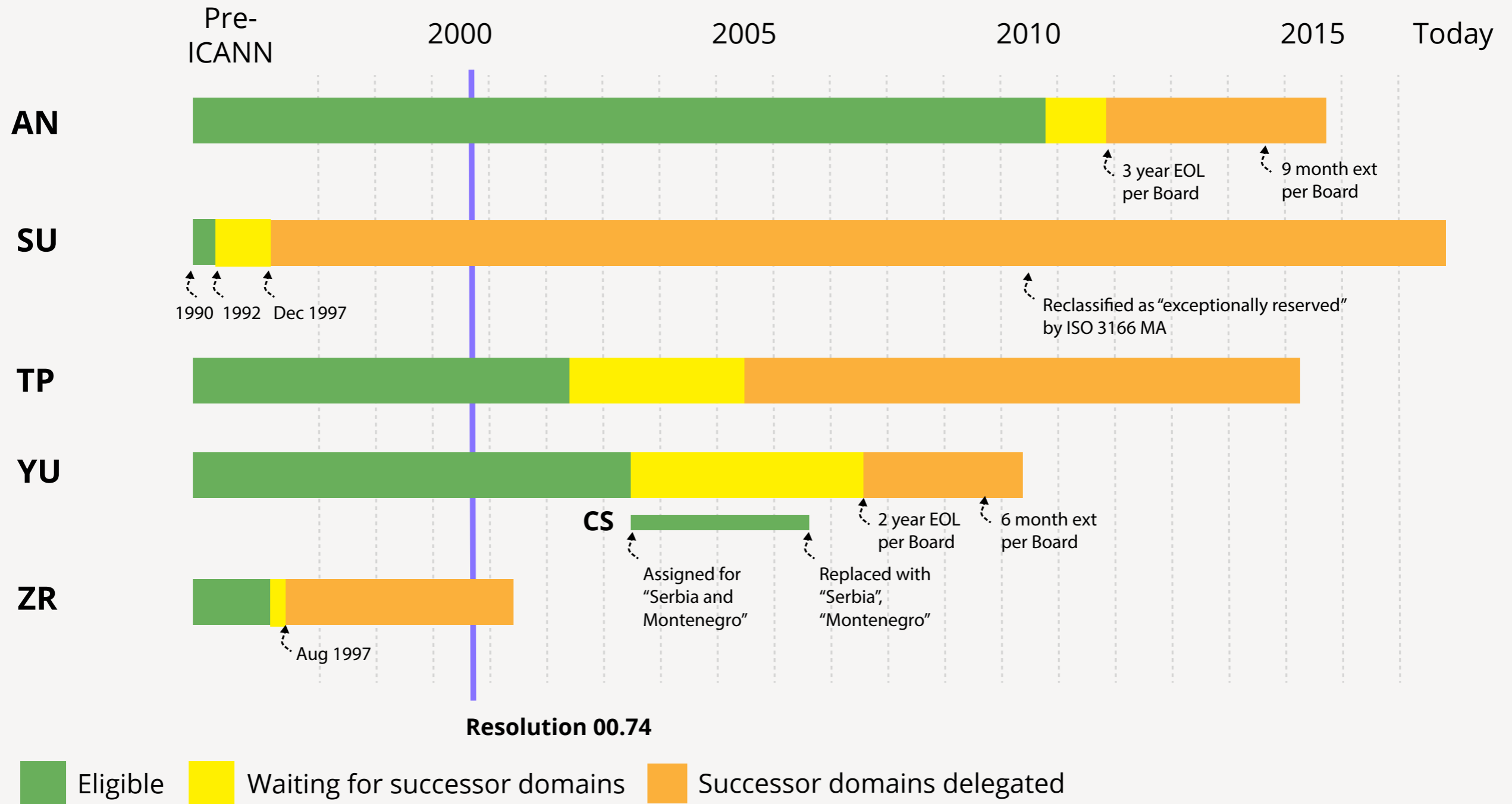
EU

EZ

SU

UN

Phase outs



Approach to phasing out ccTLDs

- In much the same way delegations are handled, TLD operators are trusted to identify locally appropriate mechanisms to phase out domain and transfer to successor domains.
- We provide counseling and experience based on other cases, but do not prescribe a particular approach.
- All ccTLDs that are phased out have natural successors, so often coordinated with those operators (particularly if codes are added the same time codes are removed from ISO 3166-1)
- While few cases of phase outs/transfers of ccTLDs, there are comparable scenarios from other identifiers from which approaches can be reviewed and applied. e.g. Telephone number, postal code and other address changes.
 - Changes to area codes, phone numbers, phone number length usually phased in over a small number of years.
 - Excessively long cross-over periods discourage early action, tendency is to delay as the deadline seems far in the future.