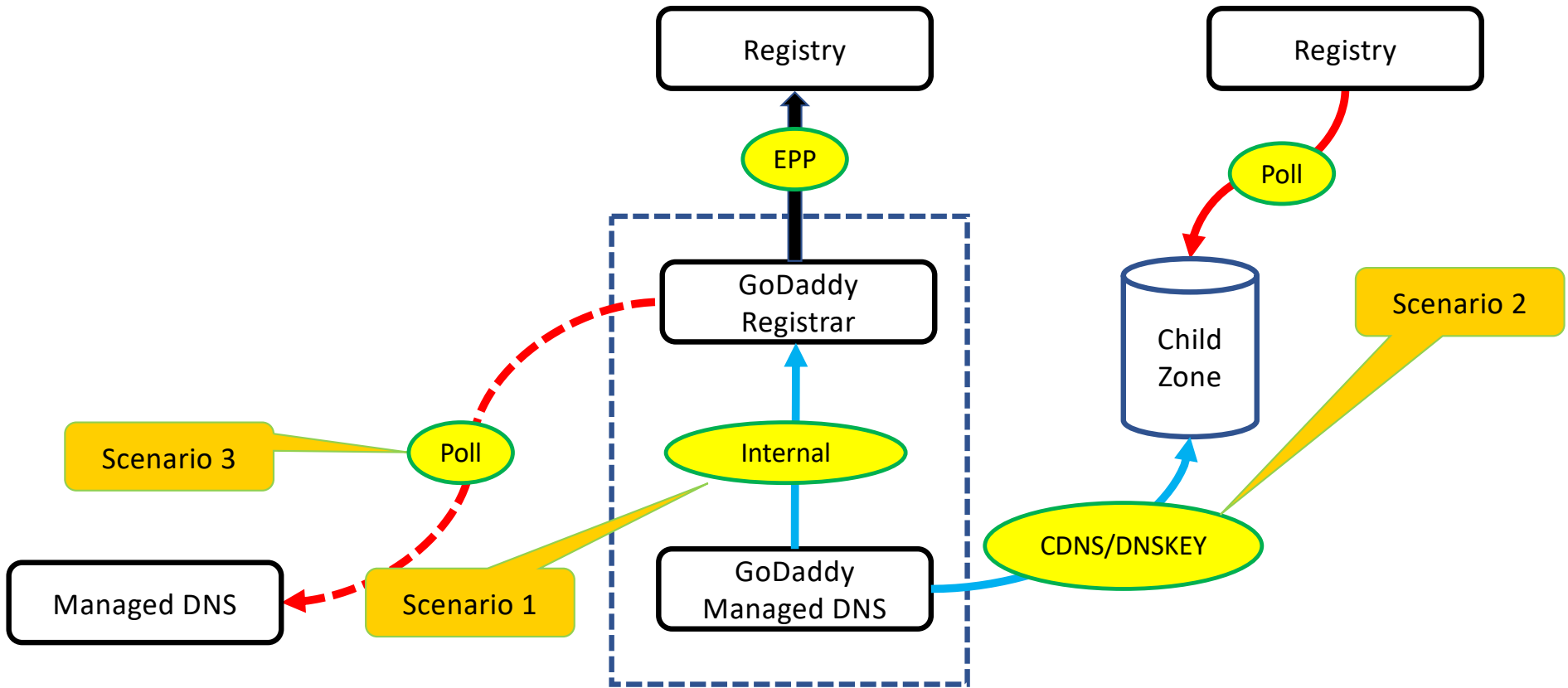


GoDaddy DNSSEC DS

Current and Proposed DS Update Methods for KSK Rollovers

Brian Dickson, GoDaddy

GoDaddy DNS – Three Scenarios



GoDaddy DNSSEC DS – KSK Rollover

- Managed DNS (Scenarios 1 & 2):
 - KSK rolls automated
 - EPP Update(s) Sent to Registry
 - Regardless of parent (TLD), CDS and CDNSKEY are always published
 - Managed DNS performs initial DS when DNSSEC is enabled
- Third Party DNS (Scenario 3)(Proposed Enhancement):
 - Require initial DS registration, to authorize and initiate polling
 - Poll CDS and/or CDNSKEY periodically
 - EPP Update(s) Sent to Registry
 - Not yet implemented, ETA TBD

DS Update Scenarios

Scenario	Registrar	DNS Provider	Update DS	Status
1	GD	GD	EPP, GD also publishes CDS/CDNSKEY record.	Fully Operational
2	Not GD	GD	GD publishes CDS/CDNSKEY record. Registry polls zone.	Fully Operational
3	GD	Not GD	DNS provider publishes CDS/CDNSKEY record. GD polls zone and creates DS record	Under Development