

# Multi-signer in BIND 9

- Supported with *rndc+tools* or *DNS UPDATE*
- No plans for adding internal REST API

Capability	Command line	DNS UPDATE
Add DNSKEY	<input checked="" type="checkbox"/> <code>dnssec-importkey</code>	<input checked="" type="checkbox"/>
Remove DNSKEY	<input checked="" type="checkbox"/> <code>dnssec-settime -D now</code>	<input checked="" type="checkbox"/>
Add CDS	<input type="checkbox"/> Just like a regular RR*	<input type="checkbox"/> *
Remove CDS	<input checked="" type="checkbox"/> Just like a regular RR	<input checked="" type="checkbox"/>
Add CSYNC	<input checked="" type="checkbox"/> Just like a regular RR	<input checked="" type="checkbox"/>
Remove CSYNC	<input checked="" type="checkbox"/> Just like a regular RR	<input checked="" type="checkbox"/>

\* Internal CDS check will prevent adding CDS from different provider  
Fix scheduled for July: <https://gitlab.isc.org/isc-projects/bind9/-/issues/2710>

# DNS UPDATE Access Control

- *allow-update*
  - Simple IP-based ACL, TSIG Authorization
  - Recommended to be set per zone
- *update-policy*
  - More fine-grained control, rule definitions
  - Authorization with TSIG or Kerberos
  - Must be set per zone

```
update-policy {  
    grant provider-a.example. name myzone.example. DNSKEY CDS CDNSKEY CSYNC;  
    grant provider-b.example. self . DNSKEY CDS CDNSKEY CSYNC;  
};
```