Multi-signer in **BIND 9**

- Supported with _rndc+tools_ or _DNS UPDATE_
- No plans for adding internal REST API

<table>
<thead>
<tr>
<th>Capability</th>
<th>Command line</th>
<th>DNS UPDATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add DNSKEY</td>
<td>✓ dnssec-importkey</td>
<td>✓</td>
</tr>
<tr>
<td>Remove DNSKEY</td>
<td>✓ dnssec-settime -D now</td>
<td>✓</td>
</tr>
<tr>
<td>Add CDS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remove CDS</td>
<td>✓ Just like a regular RR*</td>
<td></td>
</tr>
<tr>
<td>Add CSYNC</td>
<td>✓ Just like a regular RR</td>
<td>✓</td>
</tr>
<tr>
<td>Remove CSYNC</td>
<td>✓ Just like a regular RR</td>
<td>✓</td>
</tr>
</tbody>
</table>

*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;
};
```