

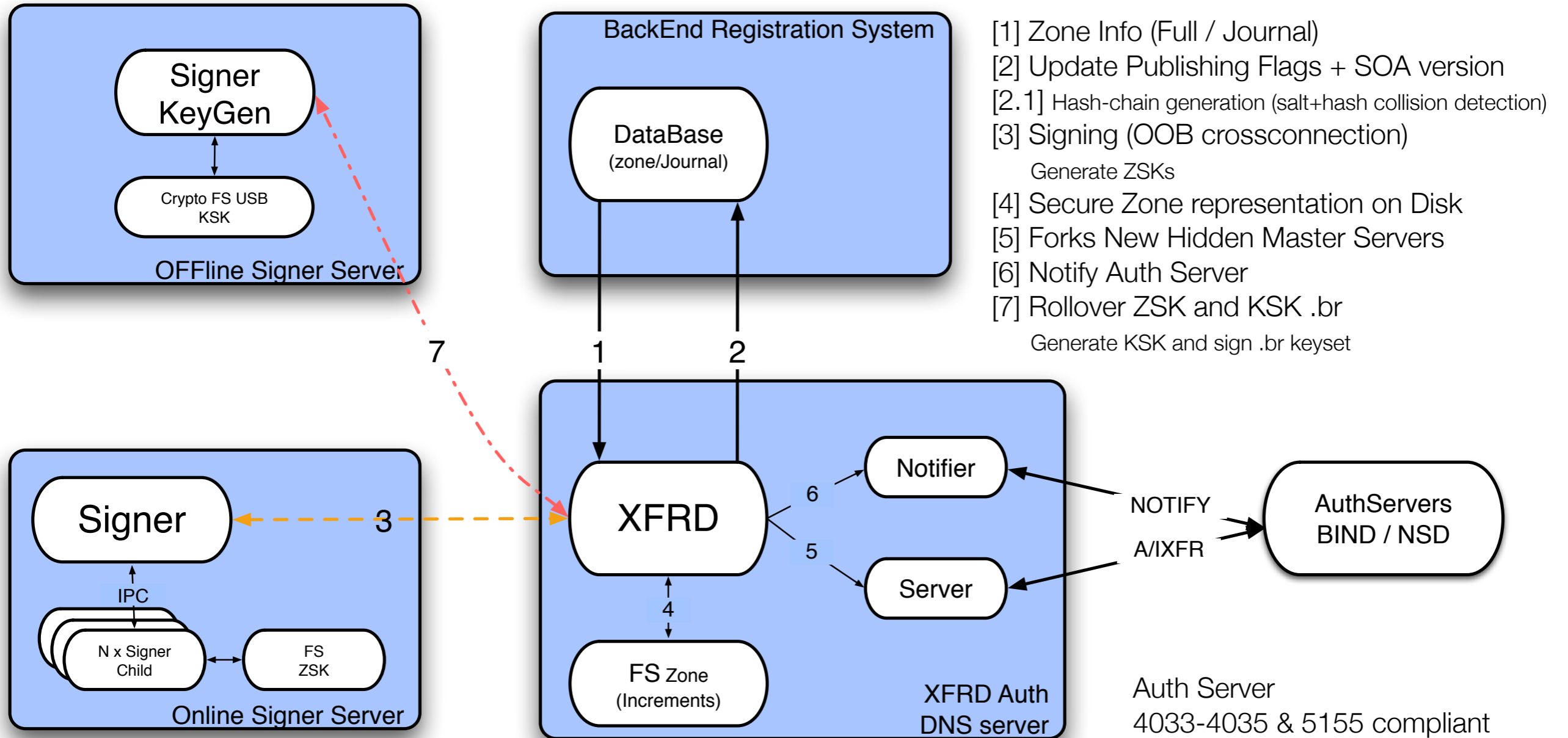
.br nsec3 testbed - .sec3.br details and next steps

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nsec3 testbed - .sec3.br

- Production domain
- Free registration through all our provisioning interfaces
 - web + EPP
 - Mandatory DS information (SHA1 or SHA256)
- Separated Auth server for the zone
 - NSD from subversion 20080304
- no opt-out
- Salt 10 bytes
 - randomly generated every full publication or on hash collision
- Hash iterations 2

XFRD 3.0.1 architecture



Implementation Validation

- Automated tests
 - full publication
 - empty zone
 - addition
 - deletion
 - nsec/nsec3 chain validation
- using Unbound + Drill Sigchase
 - helped catch some implementation errors
- Live auth-server at a.nsec3.dns.br

Next Steps

- .com.br and .org.br
 - web + EPP
 - optional DS information
- opt-out gap 100 names
- When
 - As soon as we have production quality versions of BIND and NSD that support 5155.
- Testbed ends 90 days after nsec3 deployment in production zones

Want to test a .sec3.br domain name ?

- Provisioning Interface just in Portuguese.... but we could do the registration for you and send complete instructions on how to proceed
- Drop us a message at dev@registro.br

.sec3.br challenge.....

- If you could Enumerate the zone at any given point in time.....
 - hint... foo.sec3.br and some other names present at other .br signed zones are in zone.
- The first one to send us the proof wins a forth level domain name at .nom.br for life :-)

Questions ?

Thanks !