



RFC 3597

Interoperability Report

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Test zones

- interop3597.rfc.se (class IN)
- interop3597.666 (class 666)



Example RRs

```
a TYPE1 \# 4 7f000002
```

```
a A \# 4 7f000002
```

```
sshfp TYPE44 \#
```

```
22 0101c691e90714a1629d167de8e5ee0021  
f12a7eaale
```

```
type731 TYPE731 \# 6 abcdef 01 23 45
```

```
type62347 TYPE62347 \# 0
```



Implementations

- Four Authoritative Name Servers
- Two DNSSEC Zone Signers
- Two Recursive Name Servers
- Four Stub Clients



Implementations

Nominum ANS	2.2.1.0.d
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ISC BIND	8.4.5rc5
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ISC BIND	9.3.0rc2
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NSD	2.1.1
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Net::DNS	0.47 patchlevel 1
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DNSJava	1.6.4
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Problems found

- Two implementations had problems with zero length RDATA.
- One implementation had problems with RR type code and classes ≥ 4096 .
- Bug reports were filed for problems found.



Conclusion

- Unknown type codes works in the tested authoritative servers, recursive resolvers and stub clients.
- No changes are needed to advance RFC 3597 to draft standard.



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<http://www.rfc.se/interop3597/>