

Appendix A: Signed Zone Example (RFC 4035)

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example.      3600 IN SOA ns1.example. bugs.x.w.example. (
                1081539377
                3600
                300
                3600000
                3600
                )
3600 RRSIG     SOA 5 1 3600 20040509183619 (
                20040409183619 38519 example.
                ONx0k36rcjaxYtcNgq6iQnpNV5+drqYAsC9h
                7TSJaHCqbhE67Sr6aH2xDUGcqQWu/n0UVzrF
                vkgO9ebarZ0GWDKcuwlM6eNB5SiX2K74l5LW
                DA7S/Un/IbtDq4Ay8NMNLQI7Dw7n4p8/rjKB
                jV7j86HyQgM5e7+miRAz8V01b0I= )
3600 NS       ns1.example.
3600 NS       ns2.example.
3600 RRSIG     NS 5 1 3600 20040509183619 (
                20040409183619 38519 example.
                gl13F00f2U0R+SWiXXLHwsMY+qStYy5k6zfd
                EuivWc+wdlfmbNCyql0Tk7lHTX6UOxc8AgNf
                4ISFve8XqF4q+o9qlnqIzmppU3LiNeKT4FZ8
                RO5urFOvoMRTbQxW3U0hXWuggE4g3ZpsHv48
                0HjMeRaZB/FRPGfJPajngcq6Kwg= )
3600 MX       1 xx.example.
3600 RRSIG     MX 5 1 3600 20040509183619 (
                20040409183619 38519 example.
                HyDHYVT5KHSZ7HtO/vypumPmSZQrcOP3tzWB
                2qaKkHVPfau/DgLgS/IKENkYOGL95G4N+NzE
                VyNU8dcTOckT+ChPcGeVjguQ7a3Ao9Z/ZkUO
                6gmmUW4b89rz1PUxW4jzUxj66PTwoVtUU/iM
                W6OISukdlEQt7a0kygkg+PEDxdI= )
3600 NSEC     a.example. NS SOA MX RRSIG NSEC DNSKEY
3600 RRSIG     NSEC 5 1 3600 20040509183619 (
                20040409183619 38519 example.
                O0k558jHhyrC97ISHnisl4kLMW48C7U7cBm
                FTfhke5iVqNRVTB1STLMpgpbDIC9hcryo00V
                Z9ME5xPzUEhbnGnHd5sfzgFVeGxr5Nyyq4tW
                SDBgIBiLQUvliVy29vhXy7WgR62dPrZ0PWvm
                jfFJ5arXf4nPxp/kEowGgBRzY/U= )
3600 DNSKEY   256 3 5 (
                AQOy1bZVvpPqhg4j7EJoM9rI3ZmyEx2OzDBV
                rZy/lvI5CQePxXHZS4i8dANH4DX3tbHol61e
                k8EFMcSGXxKciJFHyhl94C+NwILQdzsU1Sfo
                vBZsyl/NX6yEbtw/xN9ZNcrbYvgjjZ/UVPZI
                ySFNsgEYvh0z25421zMKR4Dh8uZffQ==
                )
3600 DNSKEY   257 3 5 (
                AQOeX7+baTmvpVHb2CcLnL1dMRWbuscRvHX1
                LnXwDzvqp4tZVKp1sZMepFb8MvxhhW3y/0QZ
                syCjczGJ1qk8vJe52iOhInKROVLRwxGpMfzP
                RLMlGybr51bOV/1se00Dacj3DomyB4QB5gKT
                Yot/K9alk5/j8vfd4jWCWD+E1Sze0Q==
                )
3600 RRSIG     DNSKEY 5 1 3600 20040509183619 (
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20040409183619 9465 example.
ZxgauAuIj+k1YoVEOSlZfx41fcmKzTFHoweZ
xYnz99JVQZJ33wFS0Q0jcP7VXKkaElXk9nYJ
XevO/7nAbo88iWsMkSpSR6jWzYYKwfrBI/L9
hjYmyVO9m6FjQ7uwM4dCP/bIuV/DKqOAK9NY
NC3AHfvCV1Tp4VKDqxqG7R5tTVM= )
3600 RRSIG DNSKEY 5 1 3600 20040509183619 (
20040409183619 38519 example.
eGL0s90glUqcOmloo/2y+bSzyEfKVOQViD9Z
DNhLz/Yn9CQZlDVRJffACQDAUhXpU/oP34ri
bKBpysRXosczFrKqS5Oa0bzMOfXCXup9qHAp
eFIku28Vqfr8Nt7cigZLxjK+u0Ws/4lIRjKk
7z5OXogYVaFzHKillDt3HRxHIZM= )
a.example. 3600 IN NS ns1.a.example.
3600 IN NS ns2.a.example.
3600 DS 57855 5 1 (
B6DCD485719ADCA18E5F3D48A2331627FDD3
636B )
3600 RRSIG DS 5 2 3600 20040509183619 (
20040409183619 38519 example.
oXIKit/QtdG64J/CB+Gi8dOvnwRvqrtolAdQ
oRkAN15FP3iZ7suB7gvTBmXzCjL7XUgQVcoH
kdhyCuzp8W9qJHgRUSwKKkczSyuL64nhgjuD
EML8l9wlWVsl7PR2VnZduM9bLyBhaaPmRKX/
Fm+v6ccF2EGNLRiY08kdkz+XHHo= )
3600 NSEC ai.example. NS DS RRSIG NSEC
3600 RRSIG NSEC 5 2 3600 20040509183619 (
20040409183619 38519 example.
cOlYgqJLqlRqmBQ3iap2SyIsK4O5aqpKSoba
U9fQ5SMApZmHfq3AgLflkrkXRXvgxTQSKkG2
039/cRUs6Jk/25+fi7Xr5nOVJsb0lq4zsB3I
BBdjyGDAHE0F5ROJj87996vJupdm1fbH481g
sdkOW6Zyqtz3Zos8N0BBkEx+2G4= )
ns1.a.example. 3600 IN A 192.0.2.5
ns2.a.example. 3600 IN A 192.0.2.6
ai.example. 3600 IN A 192.0.2.9
3600 RRSIG A 5 2 3600 20040509183619 (
20040409183619 38519 example.
pAOtzLP2MU0tDJUwHOKE5FPiIHmdYsCgTb5B
ERGgpnJluA9ixOyf6xxVCgrEJW0WNZSsJicd
hBXfDmAGKUajUULYSAH8tS4ZnrhyymIvk3u
ArDu2wfT130e9UHnumaHHMpUTosKe22PblOy
6zrTpg9FkS0XGVmYRvOTNYx2HvQ= )
3600 HINFO "KLH-10" "ITS"
3600 RRSIG HINFO 5 2 3600 20040509183619 (
20040409183619 38519 example.
Iq/RGCbBdKzcYzlGE4ovbr5YcB+ezxbZ9W0l
e/7WqyvhoO9Jl6HxhhL7VY/IKmTUY0GGdcfh
ZEOckf4lEyKZF9NPok1/R/fWrtzNp8jobuY7
AZEczadp1WdDF3jc2/ndCa5XZhLKD3JzOsBw
FvL8sqlS5QS6FY/ijFEDnI4RkZA= )
3600 AAAA 2001:db8::f00:baa9
3600 RRSIG AAAA 5 2 3600 20040509183619 (
20040409183619 38519 example.
nLcpFuXdT35AcE+EoafOUkl69KB+/e56XmFK
kewXG2IadYLKAOBIoR5+VoQV3XgTcofTJNsh
1rnF6Eav2zpZB3byI6yo2bwY8MNkr4A7cL9T

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cMmDwV/hWFKsbGBsj8xSCN/caEL2CWY/5XP2
sZM6QjBBLmukH30+w1z3h8PUP2o= )
3600 NSEC b.example. A HINFO AAAA RRSIG NSEC
3600 RRSIG NSEC 5 2 3600 20040509183619 (
20040409183619 38519 example.
QoshyPevLcJ/xcRpEtMftluoIrcrIeVcc9pG
CScIn5Glnib40T6ayVOimXwdSTZ/8ISXGj4p
P8Sh0PlA6olZQ84L453/BUqB8BpdOGky4hsN
3AGcLEv1Gr0QMvirQaFcjzOECfnGyBm+wpFL
AhS+JOVfDI/79QtyTI0SaDWcg8U= )
b.example. 3600 IN NS ns1.b.example.
3600 IN NS ns2.b.example.
3600 NSEC ns1.example. NS RRSIG NSEC
3600 RRSIG NSEC 5 2 3600 20040509183619 (
20040409183619 38519 example.
GNuxHn844wfmUhPzGWKJCPY5ttEX/RfjDoOx
9ueK1PtYkOWKOOdiJ/PJKCYB3hYX+858dDWS
xb2qnV/LSTCNVBnkm6owOpysY97MVj5VQEWs
0lm9tFoqjcptQkmQKYPrwUnCSNwvvc1SF1xZ
vhRXgWT7OuFXldoCG6TfVFM9xE= )
ns1.b.example. 3600 IN A 192.0.2.7
ns2.b.example. 3600 IN A 192.0.2.8
ns1.example. 3600 IN A 192.0.2.1
3600 RRSIG A 5 2 3600 20040509183619 (
20040409183619 38519 example.
F1C9HVhIcs10cZU09G5yIVfKJy5yRQQ3qVet
5pGhp82pzhAOMZ3K22JnmK4c+IjUeFp/to06
im5FVpHtbFisdjyPq84bhTv8vrXt5AB1wNB+
+iAqvIfdgW4sFNC6oADb1hK8QNaUw9VePjHk
v/iVXSYC0b7mPSU+E0lknFpVECs= )
3600 NSEC ns2.example. A RRSIG NSEC
3600 RRSIG NSEC 5 2 3600 20040509183619 (
20040409183619 38519 example.
I4hj+Kt6+8rCcHcUdolks2S+Wzri9h3fHas8
1rGN/eILdJHN7JpV6lLGPIh/8fIBkfvdyWnB
jjf1q3O7JgYO1UdI7FvBNWqaaEPJK3UkddBq
ZIaLi8Qr2XHkj38BeQsbp8X0+6h4ETWSGT8
IZaIGBLryQWGLw6Y6X8dqhlxJM= )
ns2.example. 3600 IN A 192.0.2.2
3600 RRSIG A 5 2 3600 20040509183619 (
20040409183619 38519 example.
V7cQRw1TR+knlaL1z/psxlS1PcD37JJDacMq
Qo6/u1qFQu6x+wuDHRH22Ap9ulJPQjFwMKOu
yfPGQPC8KzGdE3vt5snFEAoE1Vn3mQqtu7SO
6amIjk13Kj/jyJ4nGmdRIc/3cM3ipXFhNTKq
rdhx8SZ0yy4ObIRzIzvBFLiSS8o= )
3600 NSEC *.w.example. A RRSIG NSEC
3600 RRSIG NSEC 5 2 3600 20040509183619 (
20040409183619 38519 example.
N0QzHvaJf5NRw1rE9uxS1Ltb2Lz73Qb9bKGE
VyaISkqzGpP3jYJXZJPVTq4UVEsgT3CgeHvb
3QbeJ5Dfb2V9NGCHj/OvF/LBxFFWwhLwzngH
l+bQAgAcMsLu/nL3nDily/JSQjAcDZND14bw
Ymx28EtgIpo9A0qmP08rMBqslJw= )
*.w.example. 3600 IN MX 1 ai.example.
3600 RRSIG MX 5 2 3600 20040509183619 (
20040409183619 38519 example.

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OMK8rAZlepFzLWW75Dxd63jy2wswESzxDKG2
f9AMN1CytCd10cYISAxAdvXSZ7xujKAtPbc
tvOQ2ofO7AZJ+d01EeeQTVBPq4/6KCWhqe2X
TjnkVLNvvhnc0u28aoSsG0+4InvkkOHknKxw
4kX18MMR34i8lC36SR5xBni8vHI= )
3600 NSEC x.w.example. MX RRSIG NSEC
3600 RRSIG NSEC 5 2 3600 20040509183619 (
20040409183619 38519 example.
r/mZnRC3I/VicrelgIcteSxDhtsd1TDt8ng9
HSB1ABOlzLxQtfgTnn8f+aOwJIAFe1Ee5RvU
5cVhQJNP5XpXMHfyps8tVvfxSAXfahpYqtx
91gsmcV/1V9/bZAG55CefP9cM4Z9Y9NT9XQ8
s1InQ2UoIv6tJEaaKkP701j8OLA= )
x.w.example. 3600 IN MX 1 xx.example.
3600 RRSIG MX 5 3 3600 20040509183619 (
20040409183619 38519 example.
Il2WTZ+Bkv+OytBx4LItnW5mjB4RCwhOO8y1
XzPHZmZUTVYL7LaA63f6T9ysVBzJRI3KRjAP
H3U1qaYnDoN1DrWqmi9RJe4FoObkbcdm7P3I
kx70ePCoFgRz1Yq+bVVXCvGuAU4xALv3W/Y1
jNSlwZ2mSWKHfxFQxPtLj8s32+k= )
3600 NSEC x.y.w.example. MX RRSIG NSEC
3600 RRSIG NSEC 5 3 3600 20040509183619 (
20040409183619 38519 example.
aRbpHftxggzgMXdDlym9SsADqMZovZZ12QWK
vw8J0tZEUNQByH5Qfnf5N1FqH/ps46UA7A4E
mcWBN9PUA1pdPY6RveaRlZlCr1IkVctvbtaI
NJUBba/VHm+pebTbKcAPIvL9tBOoh+tolh6e
IjgiM8PXkBTxPq37wDKALkyn7Q= )
x.y.w.example. 3600 IN MX 1 xx.example.
3600 RRSIG MX 5 4 3600 20040509183619 (
20040409183619 38519 example.
k2bJHbwp5LH5qN4is39UiPzjAWYmJA38Hhia
t7i9t7nbX/e0FPnvDSQXzcK7UL+zrVA+3MDj
q1ub4q3SZgcbLMgexxIW3Va//LVrxkP6Xupq
GtOB9prkK54QTl/qZTXfMQpW480YOvVknhvb
+gLcMZBnHJ326nb/TOOmrgNmQQE= )
3600 NSEC xx.example. MX RRSIG NSEC
3600 RRSIG NSEC 5 4 3600 20040509183619 (
20040409183619 38519 example.
OvE6WUzN2ziieJcvKPWbCAyXyP6ef8cr6Csp
ArVSTzKSquNwbezZmkU7E34o5lmb6CWSSSpq
xw098kNUFnHcQf/LzY2zqRomubrNQhJTiDTX
a0ArunJQCzPjOYq5t0SLjm6qp6McJI1AP5Vr
QoKqJDCLnoAlcPOPKAm/jJkn3jk= )
xx.example. 3600 IN A 192.0.2.10
3600 RRSIG A 5 2 3600 20040509183619 (
20040409183619 38519 example.
kBF4YxMGWF0D8r0cztL+2fWWOvN1U/GYSpYP
7SoKoNQ4fZKyK+weWGlKLIUM+uE1zjVTPXoa
0Z6WG0oZp46rkl1EzMcMgoaeUzzAJ2BMq+Y
VdxG9IK1yZkYGY9AgbTOGPoAgbJyO9EPULsx
kbIDV6GPPSZVusnZU6OMgdgzHV4= )
3600 HINFO "KLH-10" "TOPS-20"
3600 RRSIG HINFO 5 2 3600 20040509183619 (
20040409183619 38519 example.
GY2PLSXmMHkWHfLdggiox8+chWpeMNLkML0

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t+U/SXSUsoUdR91KNdNUkTDWamwcF8oFRjhq
BcPZ6EqrF+vl5v5oGuvSF7U52epfVTC+wWF8
3yCUeUw8YklhLWlvk8gQ15YKth0ITQy8/wI+
RgNvuwbioFSEuv2pNlkq0goYxNY= )
3600 AAAA 2001:db8::f00:baaa
3600 RRSIG AAAA 5 2 3600 20040509183619 (
20040409183619 38519 example.
Zzj0yodDxcBLnnOIwDsuKo5WqiaK24DlKg9C
aGaxDFiKgKobUj2jilyQHpgFn2poFRetZd4z
ulyQkssz2QHrVrPuTMS22knudCiwP4LWpVTr
U4zfeA+rDz9stmSBP/4PekH/x2IoAYnwctd/
xS9cL2QgW7FChw16mzlkH6/vsfs= )
3600 NSEC example. A HINFO AAAA RRSIG NSEC
3600 RRSIG NSEC 5 2 3600 20040509183619 (
20040409183619 38519 example.
ZFWUln6Avc8bmG15GFjD3BwT530DUZKHNUoY
9A8lgXYyrxu+pqgFiRVbyZRQvVB5pccEOT3k
mvHgEa/HzbDB4PIYY79W+VHrgOxzdQGGCZzi
asXrpSGOWwSOElghPnMIi8xdF7qtCntr382W
GghLahumFIpg4MO3LS/prgzVWwo= )

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