

Structured Data for Filtered DNS

[draft-wing-dnsop-structured-dns-error-page-04](#)

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Purpose

- Assist DNS filtering troubleshooting

Changes from -01 to -04

- Constrain JSON displayed to user
 - Contact & organization not displayed by default
- Introduced 'suberror' numeric codes
 - 1=malware, 2=phishing, 3=spam, etc.
- Require draft-reddy-add-resolver-info to signal structured-dns-error support
- Updates: RFC8914 (Extended DNS Error)

Example JSON

```
{  
  "c": ["tel:+358-555-1234567",  
    "sips:bob@bobphone.example.com",  
    "https://ticket.example.com?d=example.org&  
t=1650560748"],  
  "j": "malware present for 23 days",  
  "s": 1,           // 1=malware  
  "o": "example.net Filtering Service"  
}
```

Discussion:

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- Consider for WG Adoption