

New Content-Codings

Why

Wot?

[draft-reschke-http-oob-encoding](#)

[draft-thomson-http-encryption](#)

Also:

[draft-bennish-httpbis-tldr](#)

[draft-drechsler-httpbis-improved-caching](#)

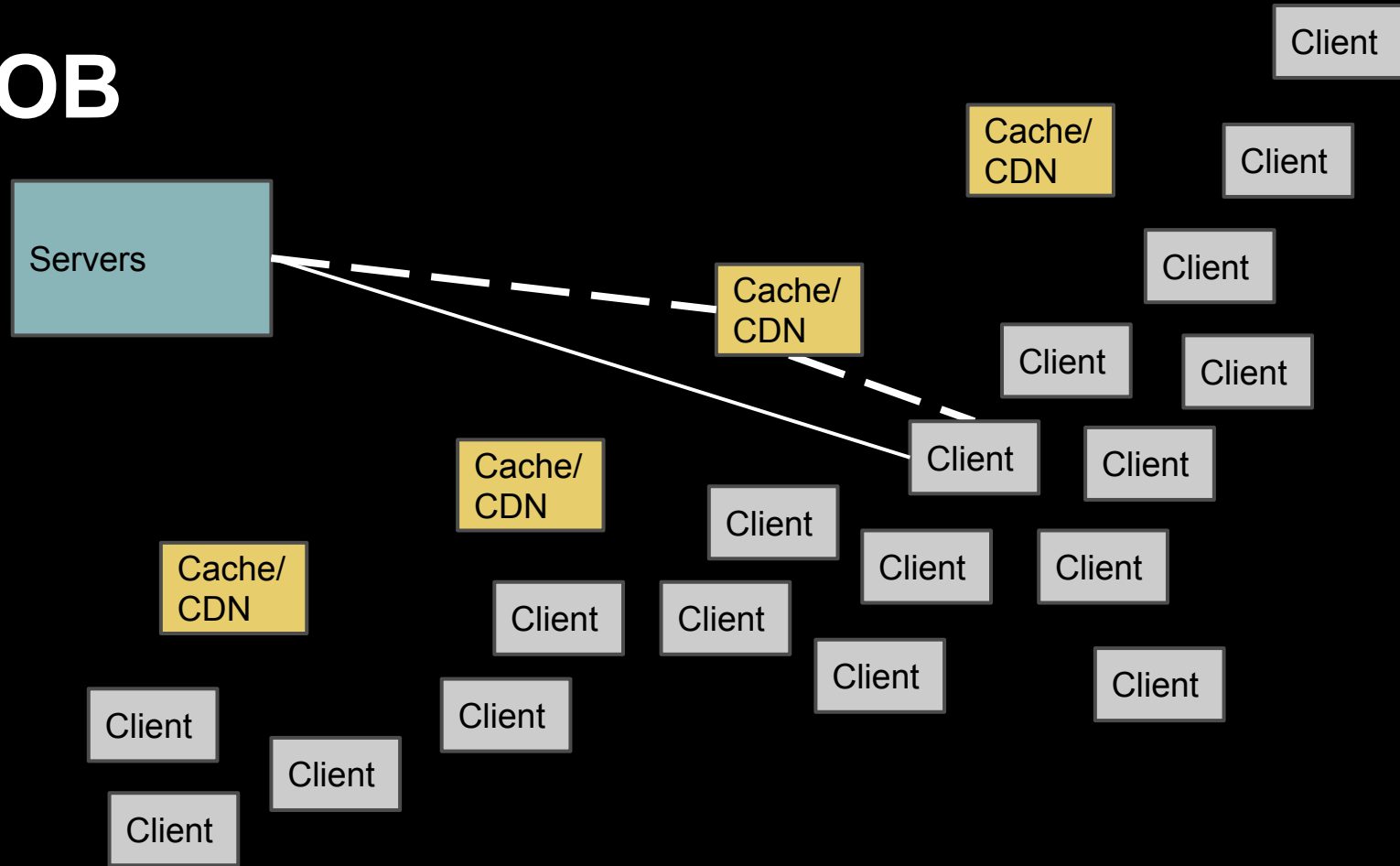
[draft-thomson-http-content-signature](#)

New ways to get data to clients

Most of the bits on the web^WInternet move in one direction

Lots of incentive to optimize “content delivery”

OOB



Merge

HTTP/1.1 200 OK

Date: Sun, 19 Jul 2015 11:
12:04 GMT

Content-Encoding: oob

Content-Length: 52

```
[ { "URI": "https://cache.  
example.net/xxxxxxx" } ]
```

HTTP/1.1 200 OK

Date: Sun, 19 Jul 2015 11:
12:05 GMT

Content-Length: 30

the launch code is
"penguin"

Merge

```
HTTP/1.1 200 OK
Date: Sun, 19 Jul 2015 11:
12:04 GMT
Content-Encoding: oob
Content-Length: 52
```

```
[ { "URI": "https://cache.  
example.net/xxxxxxx" } ]
```

```
HTTP/1.1 200 OK
Date: Sun, 19 Jul 2015 11:
12:05 GMT
Content-Length: 30
```

```
the launch code is  
"penguin"
```

Don't trust the cache?

Encrypt

For discussion: Integrity

gzip provides integrity mechanisms

encryption provides integrity through AEAD

should oob?

also: content signing