

## Problem 6

Intro: Successfully joined the core WAE to the active directory. Verified both Core and Edge WAE for optimization with the command "accelerator mapi verify encryption-settings". Seeing that some connections are correctly being optimized (See below). Would be nice if someone could bring some light into what Unknown Context means and how to deal with this. Let me know if I can provide more information.

Environment: Exchange 2010, WAAS Version: 5.3.1

Issue: Some Connections are being optimized and some are not. Note: Times might not be the same everywhere because the test was repeated several times and the log file outputs were taken at different times (but checked and are the same).

```
EDGE#show statistics connection
```

```
...
370878    10.10.3.101:49451    10.100.0.64:59531 18:e7:28:2e:00:d9 TG    00.0%
371181    10.10.3.173:54501    10.100.0.64:59531 18:e7:28:2e:00:d9 TMDLW 66.3%
371331    10.10.3.176:58111    10.100.0.64:59531 18:e7:28:2e:00:d9 TG    00.0%
...
```

Here seems to be the root cause as we don't receive a context.

```
EDGE# type-tail errorlog/mapiao-errorlog.0
```

```
05/13/2014 07:28:38.612(Local)(5691 ) NTCE (612228) (fl=371211) Edge TCP connection initiated (0x859531], Flavor: 752 [EdgeTcpConnectionDceRpcLayer.cpp:40]
05/13/2014 07:28:38.612(Local)(5691 ) NTCE (612242) Edge TCP connection initiated (0x8696030), Cor
or: 752 [EdgeTcpConnectionDceRpcLayer.cpp:45]
05/13/2014 07:28:38.625(Local)(5691 ) NTCE (625058) (fl=371211) Peer Mapi Ao Auth Capabilities: Su
nectionDceRpcLayer.cpp:1635]
05/13/2014 07:28:38.625(Local)(5691 ) ERRO (625103) (fl=371211) Unknown context token type: NONE [
05/13/2014 07:28:38.625(Local)(5691 ) ERRO (625114) (fl=371211) OnContextToken failed with error:
cLayer.cpp:1643]
```

The connetions that work receive a context.

```
EDGE# type-tail errorlog/mapiao-errorlog.0
```

```
05/13/2014 07:27:03.504(Local)(5691 ) NTCE (504314) (fl=371181) Received security context from cor
```

Authentication does not work, but this is the edge WAE so i guess this should not be the root cause.

```
EDGE# type-tail errorlog/sr-errorlog.0
```

```
05/13/2014 08:41:28.355(Local)(5690 ) NTCE (354994) AuthenticationTimer work_item success [SRDiIo
05/13/2014 08:41:28.355(Local)(5690 ) ERRO (355020) Skipping Authenticaion as ID Map is Empty [SRD
05/13/2014 08:41:28.355(Local)(5690 ) NTCE (355035) Submitted AuthenticationTimer of 1800 secs [SF
```

```
CORE# type-tail mapiao-errorlog.0 100
```

```
05/13/2014 07:18:23.147(Local)(6129 0.1) NTCE (147907) Core TCP connection initiated (0xb92aa0), C
avor: 820 [CoreTcpConnectionDceRpcLayer.cpp:105]
05/13/2014 07:18:23.153(Local)(6129 0.0) NTCE (153649) (fl=369420) Received a request from edge, t
lId=2 [CoreTcpConnectionDceRpcLayer.cpp:1525]
05/13/2014 07:18:23.153(Local)(6129 0.0) NTCE (153662) Recvd request from edge to start hand-over
Client ip 10.10.3.176 Client port 58009 Dest ip 10.100.0.64 Dest port 59531 [CoreIOBuffers.cpp:852]
05/13/2014 07:18:23.166(Local)(6129 0.0) NTCE (166559) (fl=369420) OnHandOverRequestAck: Received
c0, Client ip 10.10.3.176 Client port 58009 Dest ip 10.100.0.64 Dest port 59531 [CoreTcpConnection
05/13/2014 07:18:23.166(Local)(6129 0.0) NTCE (166579) (fl=369420) CCoreIOBuffers::OnHandOverReque
10.3.176 Client port 58009 Dest ip 10.100.0.64 Dest port 59531 [CoreIOBuffers.cpp:457]
05/13/2014 07:18:25.603(Local)(6129 0.1) NTCE (603269) (fl=369421) Peer Ao Type=6, ver_major=1, ve
ffers.cpp:148]
```