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O primeiro log ocorre quando o objeto é registrado no *Nameservice*, ao executar o script do server:

302	32.089687	::1	::1	TCP	72	62321 → 9090	[SYN]	Seq=0	Win=65475	Len=0	MSS=65475	SACK_PERM	
303	32.089719	::1	::1	TCP	72	9090 → 62321	[SYN, ACK]	Seq=0	Ack=1	Win=65475	Len=0	MSS=65475	SACK_PERM
304	32.089732	::1	::1	TCP	64	62321 → 9090	[ACK]	Seq=1	Ack=1	Win=65475	Len=0		
305	32.089824	::1	::1	TCP	178	62321 → 9090	[PSH, ACK]	Seq=1	Ack=1	Win=65475	Len=114		
306	32.089831	::1	::1	TCP	64	9090 → 62321	[ACK]	Seq=1	Ack=115	Win=65361	Len=0		
307	32.090174	::1	::1	TCP	272	9090 → 62321	[PSH, ACK]	Seq=1	Ack=115	Win=65361	Len=208		
308	32.090185	::1	::1	TCP	64	62321 → 9090	[ACK]	Seq=115	Ack=209	Win=65267	Len=0		
309	32.090413	::1	::1	TCP	305	62321 → 9090	[PSH, ACK]	Seq=115	Ack=209	Win=65267	Len=241		
310	32.090423	::1	::1	TCP	64	9090 → 62321	[ACK]	Seq=209	Ack=356	Win=65120	Len=0		
311	32.090614	::1	::1	TCP	134	9090 → 62321	[PSH, ACK]	Seq=209	Ack=356	Win=65120	Len=70		
312	32.090624	::1	::1	TCP	64	62321 → 9090	[ACK]	Seq=356	Ack=279	Win=65197	Len=0		

Através do Wireshark, é possível observar que o protocolo de transporte utilizado é o TCP.

Olhando para os pacotes com mais dados, o primeiro captura o handshake inicial entre cliente e o *Nameservice*, onde o cliente envia um `hello`:

0000	18 00 00 00 60 06 46 b6	00 86 06 80 00 00 00 00Fk.....
0010	00 00 00 00 00 00 00 00	00 00 00 01 00 00 00 00
0020	00 00 00 00 00 00 00 00	00 00 00 01 f3 71 23 82q#.
0030	4a 3c 32 32 95 33 7f 7d	50 18 ff c3 aa d9 00 00	J<22·3·} P.....
0040	50 59 52 4f 01 f6 01 01	00 00 00 00 00 00 00 4a	PYRO.....J
0050	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00
0060	00 00 00 00 00 00 4d c5	23 20 73 65 72 70 65 6eM· # serpen
0070	74 20 75 74 66 2d 38 20	70 79 74 68 6f 6e 33 2e	t utf-8 python3.
0080	32 0a 7b 27 68 61 6e 64	73 68 61 6b 65 27 3a 27	2·{'hand shake':
0090	68 65 6c 6c 6f 27 2c 27	6f 62 6a 65 63 74 27 3a	hello', ' object':
00a0	27 50 79 72 6f 2e 4e 61	6d 65 53 65 72 76 65 72	'Pyro.Na meServer
00b0	27 7d		']

Em seguida, o *Nameservice* retorna os métodos disponíveis:

0000	18 00 00 00 60 0c ae 72	00 e4 06 80 00 00 00 00r.....
0010	00 00 00 00 00 00 00 00	00 00 00 01 00 00 00 00
0020	00 00 00 00 00 00 00 00	00 00 00 01 23 82 f3 71#·q
0030	95 33 7f 7d 4a 3c 32 a4	50 18 ff 51 6b b1 00 00	·3·}J<2· P·Qk·
0040	50 59 52 4f 01 f6 02 01	00 40 00 00 00 00 00 a8	PYRO.....@.....
0050	00 00 00 00 15 f6 34 4d	cf 47 46 bb ba 7d e2 d04M·GF·}·
0060	2a 35 b8 23 00 00 4d c5	23 20 73 65 72 70 65 6e	*5·#·M· # serpen
0070	74 20 75 74 66 2d 38 20	70 79 74 68 6f 6e 33 2e	t utf-8 python3.
0080	32 0a 7b 27 68 61 6e 64	73 68 61 6b 65 27 3a 27	2·{'hand shake':
0090	68 65 6c 6c 6f 27 2c 27	6d 65 74 61 27 3a 7b 27	hello', ' meta':{'
00a0	6d 65 74 68 6f 64 73 27	3a 7b 27 63 6f 75 6e 74	methods': {'count
00b0	27 2c 27 72 65 6d 6f 76	65 27 2c 27 70 69 6e 67	', 'remov e', 'ping
00c0	27 2c 27 6c 6f 6f 6b 75	70 27 2c 27 6c 69 73 74	', 'looku p', 'list
00d0	27 2c 27 72 65 67 69 73	74 65 72 27 2c 27 73 65	', 'regis ter', 'se
00e0	74 5f 6d 65 74 61 64 61	74 61 27 2c 27 79 70 6c	t_ metada ta', 'ypl
00f0	6f 6f 6b 75 70 27 7d 2c	27 6f 6e 65 77 61 79 27	ookup'}, 'oneway'
0100	3a 28 29 2c 27 61 74 74	72 73 27 3a 28 29 7d 7d	:(), 'att rs':()}}

No pacote seguinte identifica-se o método `register` sendo enviado ao *Nameserver* para registrar o objeto com o nome `bancofilmes_gabriel_johanna`.

```

0000 18 00 00 00 60 06 46 6b 01 05 06 80 00 00 00 00 .....`-Fk .....
0010 00 00 00 00 00 00 00 00 00 00 00 01 00 00 00 00 .....
0020 00 00 00 00 00 00 00 00 00 00 00 01 f3 71 23 82 ..... q#
0030 4a 3c 32 a4 95 33 80 4d 50 18 fe f3 4b 51 00 00 J<2...3-M P...KQ...
0040 50 59 52 4f 01 f6 04 01 00 00 00 01 00 00 00 c9 PYRO.....
0050 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0060 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0070 74 20 75 74 66 2d 38 20 70 79 74 68 6f 6e 33 2e t utf-8 python3.
0080 32 0a 28 27 50 79 72 6f 2e 4e 61 6d 65 53 65 72 2.{'Pyro.NameSer
0090 76 65 72 27 2c 27 72 65 67 69 73 74 65 72 27 2c ver','re gister',
00a0 28 27 62 61 6e 63 6f 66 69 6c 6d 65 73 5f 67 61 ('bancof ilmes_ga
00b0 62 72 69 65 6c 5f 6a 6f 68 61 6e 6e 61 27 2c 7b briel_jo hanna',{
00c0 27 5f 5f 63 6c 61 73 73 5f 5f 27 3a 27 50 79 72 '__class __': 'Pyr
00d0 6f 35 2e 63 6f 72 65 2e 55 52 49 27 2c 27 73 74 o5.core. URI','st
00e0 61 74 65 27 3a 28 27 50 59 52 4f 27 2c 27 6f 62 ate':('P YRO','ob
00f0 6a 5f 62 62 34 66 30 65 31 62 35 61 33 33 34 62 j_bb4f0e 1b5a334b
0100 39 63 62 38 30 33 35 35 32 37 61 37 36 38 31 38 9cb80355 27a76818
0110 62 35 27 2c 4e 6f 6e 65 2c 27 6c 6f 63 61 6c 68 b5',None , 'localh
0120 6f 73 74 27 2c 36 32 33 31 37 29 7d 29 2c 7b 7d ost',623 17)}},{
0130 29 )

```

O segundo log ocorre quando o proxy é assciado ao *Nameservice*:

9585	1218.601598	:::1	:::1	TCP	72	63242 → 9090	[SYN] Seq=0 Win=65475 Len=0 MSS=65475 SACK_PERM
9586	1218.601633	:::1	:::1	TCP	72	9090 → 63242	[SYN, ACK] Seq=0 Ack=1 Win=65475 Len=0 MSS=65475 SACK_PERM
9587	1218.601648	:::1	:::1	TCP	64	63242 → 9090	[ACK] Seq=1 Ack=1 Win=65475 Len=0
9588	1218.601738	:::1	:::1	TCP	178	63242 → 9090	[PSH, ACK] Seq=1 Ack=1 Win=65475 Len=114
9589	1218.601745	:::1	:::1	TCP	64	9090 → 63242	[ACK] Seq=1 Ack=115 Win=65361 Len=0
9590	1218.602083	:::1	:::1	TCP	272	9090 → 63242	[PSH, ACK] Seq=1 Ack=115 Win=65361 Len=208
9591	1218.602093	:::1	:::1	TCP	64	63242 → 9090	[ACK] Seq=115 Ack=209 Win=65267 Len=0
9592	1218.602353	:::1	:::1	TCP	197	63242 → 9090	[PSH, ACK] Seq=115 Ack=209 Win=65267 Len=133
9593	1218.602364	:::1	:::1	TCP	64	9090 → 63242	[ACK] Seq=209 Ack=248 Win=65228 Len=0
9594	1218.602546	:::1	:::1	TCP	239	9090 → 63242	[PSH, ACK] Seq=209 Ack=248 Win=65228 Len=175
9595	1218.602556	:::1	:::1	TCP	64	63242 → 9090	[ACK] Seq=248 Ack=384 Win=65092 Len=0
9596	1218.602627	:::1	:::1	TCP	64	63242 → 9090	[FIN, ACK] Seq=248 Ack=384 Win=65092 Len=0
9597	1218.602635	:::1	:::1	TCP	64	9090 → 63242	[ACK] Seq=384 Ack=249 Win=65228 Len=0
9598	1218.602660	:::1	:::1	TCP	64	9090 → 63242	[FIN, ACK] Seq=384 Ack=249 Win=65228 Len=0
9599	1218.602670	:::1	:::1	TCP	64	63242 → 9090	[ACK] Seq=249 Ack=385 Win=65092 Len=0

O primeiro pacote inicia a comunicação novamente com um handshake `hello`:

```

0000 18 00 00 00 60 0b e4 e7 00 86 06 80 00 00 00 00 .....
0010 00 00 00 00 00 00 00 00 00 00 00 01 00 00 00 00 .....
0020 00 00 00 00 00 00 00 00 00 00 00 01 f7 0a 23 82 ..... #
0030 58 0c 17 1b a9 82 13 64 50 18 ff c3 0c 52 00 00 X.....d P...R...
0040 50 59 52 4f 01 f6 01 01 00 00 00 00 00 00 00 4a PYRO.....J
0050 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0060 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0070 74 20 75 74 66 2d 38 20 70 79 74 68 6f 6e 33 2e t utf-8 python3.
0080 32 0a 7b 27 68 61 6e 64 73 68 61 6b 65 27 3a 27 2.{'hand shake':'
0090 68 65 6c 6c 6f 27 2c 27 6f 62 6a 65 63 74 27 3a hello',' object':
00a0 27 50 79 72 6f 2e 4e 61 6d 65 53 65 72 76 65 72 'Pyro.Na meServer
00b0 27 7d '}

```

E novamente, é retornado os métodos disponíveis:

```

0000 18 00 00 00 60 0f 3e bf 00 e4 06 80 00 00 00 00 .....>.....
0010 00 00 00 00 00 00 00 00 00 00 00 01 00 00 00 00 .....
0020 00 00 00 00 00 00 00 00 00 00 00 01 23 82 f7 0a ..... #
0030 a9 82 13 64 58 0c 17 8d 50 18 ff 51 47 8d 00 00 ...dX... P...QG...
0040 50 59 52 4f 01 f6 02 01 00 40 00 00 00 00 00 a8 PYRO.....@.....
0050 00 00 00 00 bb 8e 91 54 44 c0 45 7e 9c 76 d7 cf .....T D.E.v...
0060 13 90 06 92 00 00 4d c5 23 20 73 65 72 70 65 6e .....M # serpen
0070 74 20 75 74 66 2d 38 20 70 79 74 68 6f 6e 33 2e t utf-8 python3.
0080 32 0a 7b 27 68 61 6e 64 73 68 61 6b 65 27 3a 27 2.{'hand shake':'
0090 68 65 6c 6c 6f 27 2c 27 6d 65 74 61 27 3a 7b 27 hello',' meta':{'
00a0 6d 65 74 68 6f 64 73 27 3a 7b 27 63 6f 75 6e 74 methods': {'count
00b0 27 2c 27 72 65 6d 6f 76 65 27 2c 27 70 69 6e 67 ', 'remov e', 'ping
00c0 27 2c 27 6c 6f 6f 6b 75 70 27 2c 27 6c 69 73 74 ', 'looku p', 'list
00d0 27 2c 27 72 65 67 69 73 74 65 72 27 2c 27 73 65 ', 'regis ter', 'se
00e0 74 5f 6d 65 74 61 64 61 74 61 27 2c 27 79 70 6c t_metada ta', 'ypl
00f0 6f 6f 6b 75 70 27 7d 2c 27 6f 6e 65 77 61 79 27 ookup'}, 'oneway'
0100 3a 28 29 2c 27 61 74 74 72 73 27 3a 28 29 7d 7d :(), 'att rs':()}}

```

No próximo pacote, o cliente utiliza o método `lookup` para o objeto `bancofilmes_gabriel_johanna`:

```

0000 18 00 00 00 60 0b e4 e7 00 99 06 80 00 00 00 00 .....^.....
0010 00 00 00 00 00 00 00 00 00 00 00 01 00 00 00 00 .....
0020 00 00 00 00 00 00 00 00 00 00 00 01 f7 0a 23 82 .....#...
0030 58 0c 17 8d a9 82 14 34 50 18 fe f3 d2 98 00 00 X.....4 P.....
0040 50 59 52 4f 01 f6 04 01 00 00 00 01 00 00 00 5d PYRO.....]
0050 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0060 00 00 00 00 00 00 00 4d c5 23 20 73 65 72 70 65 6e .....M. # serpen
0070 74 20 75 74 66 2d 38 20 70 79 74 68 6f 6e 33 2e t utf-8 python3.
0080 32 0a 28 27 50 79 72 6f 2e 4e 61 6d 65 53 65 72 2.('Pyro .NameSer
0090 76 65 72 27 2c 27 6c 6f 6f 6b 75 70 27 2c 28 27 ver','lo okup',('
00a0 62 61 6e 63 6f 66 69 6c 6d 65 73 5f 67 61 62 72 bancofil mes_gabr
00b0 69 65 6c 5f 6a 6f 68 61 6e 6e 61 27 2c 30 2e 30 iel_joha nna',0.0
00c0 29 2c 7b 7d 29 ),{}}

```

E por fim, é retornado a URI do objeto, pelo protocolo `PYRO` e o endereço e porta.

```

0000 18 00 00 00 60 0f 3e bf 00 c3 06 80 00 00 00 00 ....^>.....
0010 00 00 00 00 00 00 00 00 00 00 00 01 00 00 00 00 .....
0020 00 00 00 00 00 00 00 00 00 00 00 01 23 82 f7 0a .....#...
0030 a9 82 14 34 58 0c 18 12 50 18 fe cc 7d 76 00 00 ...4X... P...}v...
0040 50 59 52 4f 01 f6 05 01 00 40 00 01 00 00 00 87 PYRO... @.....
0050 00 00 00 00 09 3a 15 f1 d2 c9 49 a8 9b bd 80 a8 .....:..I.....
0060 92 32 6b 52 00 00 4d c5 23 20 73 65 72 70 65 6e .2kR.M. # serpen
0070 74 20 75 74 66 2d 38 20 70 79 74 68 6f 6e 33 2e t utf-8 python3.
0080 32 0a 7b 27 5f 5f 63 6c 61 73 73 5f 5f 27 3a 27 2.{'__class__':
0090 50 79 72 6f 35 2e 63 6f 72 65 2e 55 52 49 27 2c Pyro5.co re.URI',
00a0 27 73 74 61 74 65 27 3a 28 27 50 59 52 4f 27 2c 'state': ('PYRO',
00b0 27 6f 62 6a 5f 62 62 34 66 30 65 31 62 35 61 33 'obj_bb4 f0e1b5a3
00c0 33 34 62 39 63 62 38 30 33 35 35 32 37 61 37 36 34b9cb80 35527a76
00d0 38 31 38 62 35 27 2c 4e 6f 6e 65 2c 27 6c 6f 63 818b5',N one,'loc
00e0 61 6c 68 6f 73 74 27 2c 36 32 33 31 37 29 7d alhost', 62317)}

```