

<epam>

Networks Concept

Computer Networks

Network services

DHCP

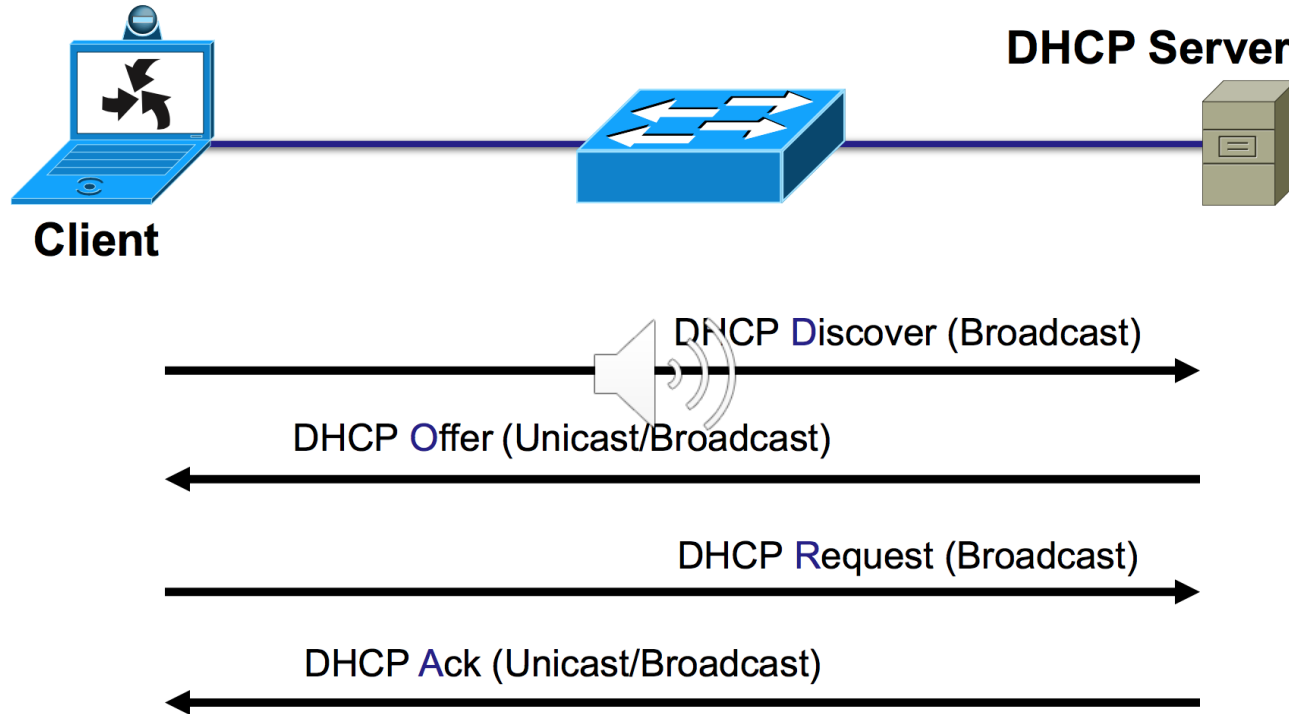
Siarhei Kantarovich



TRAINING
C E N T E R

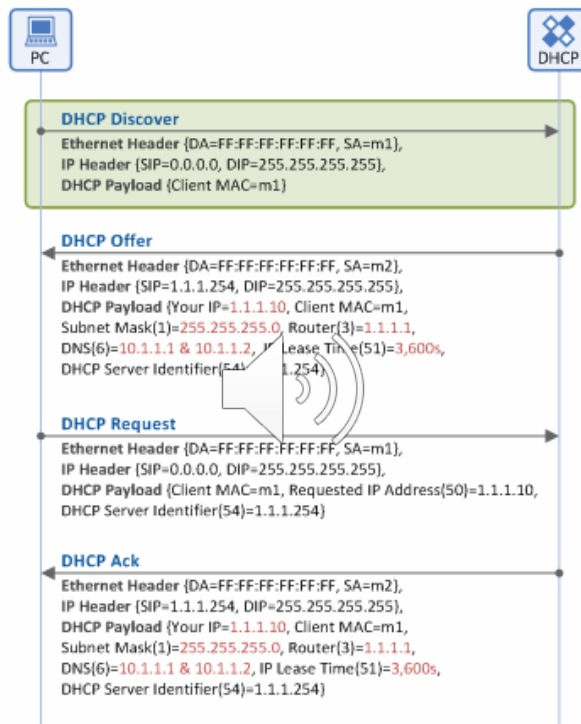
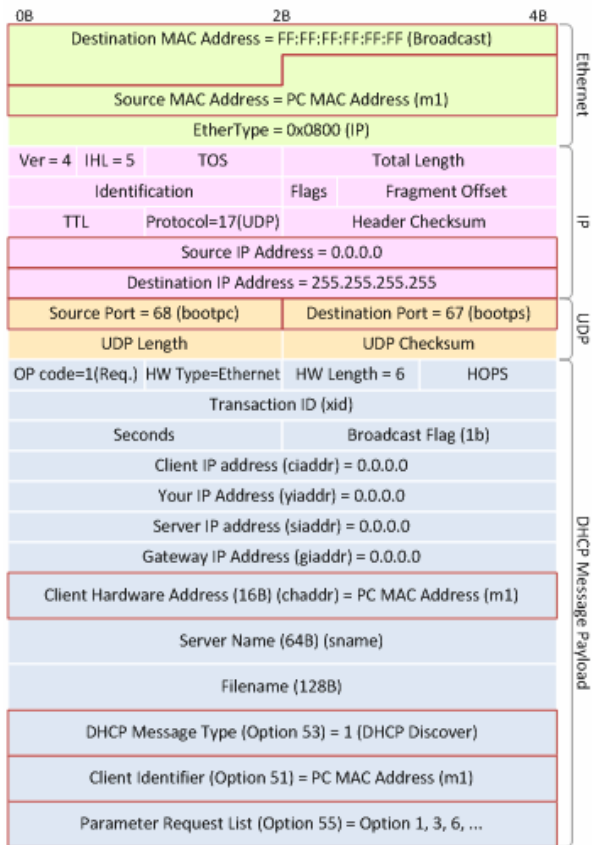
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Network services - DHCP



See: DHCP defined by RFC 2131

Network services - DHCP



Network services - DHCP

Documented in [RFC 2132](#) [\[edit\]](#)

The following tables list the available DHCP options, as listed in [RFC 2132](#) [\[13\]](#) and IANA registry. [\[12\]](#)

[RFC 1497](#) [\[13\]](#) (BOOTP Vendor Information Extensions) vendor extensions [\[13\]](#):Section 3

Code ↕	Name ↕	Length ↕	Notes ↕
0	Pad [13] :Section 3.1	0 octets	Can be used to pad other options so that they are aligned to the word boundary; is not followed by length byte
1	Subnet mask [13] :Section 3.3	4 octets	Must be sent before the router option (option 3) if both are included
2	Time offset [13] :Section 3.4	4 octets	
3	Router	Multiples of 4 octets	Available routers, should be listed in order of preference
4	Time server	Multiples of 4 octets	Available time servers to synchronise with, should be listed in order of preference
5	Name server	Multiples of 4 octets	Available IEN 116 name servers, should be listed in order of preference
6	Domain name server	Multiples of 4 octets	Available DNS servers, should be listed in order of preference
7	Log server	Multiples of 4 octets	Available log servers, should be listed in order of preference.
8	Cookie server	Multiples of 4 octets	<i>Cookie</i> in this case means "fortune cookie" or "quote of the day", a pithy or humorous anecdote often sent as part of a logon process on large computers; it has nothing to do with cookies sent by websites .
9	LPR Server	Multiples of 4 octets	
10	Impress server	Multiples of 4 octets	

