TAHI DHCPv6 Test Tool for IPv6 Ready Logo

69th IETF, Chicago

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TAHI Project
TOC

• History of TAHI DHCPv6 Test Tool
• IPv6 Ready Logo Phase-2 for DHCPv6
• TAHI DHCPv6 Test Tool for IPv6 Ready Logo
Original TAH1 DHCPv6 Test Tool

- TAH1 Project has started to develop since Apr. 2005!
  - Target Device Type
    - Client, Relay Agent, Server
  - Target RFCs
    - RFC3315, RFC3633, RFC3646 and RFC3736

- Release Note
  - Version 0.1 Nov. 2005 (first release)
    - Without functions related to “Authentication” tests
  - Version 1.0 Apr. 2006 (newest release)
    - Include “Authentication” tests
Thank you for your cooperation!

• A lot of issues has been discussed in
  – DHC wg ML : dhcwg@ietf.org
  – TAHI DHCPv6 ML : dhcptest@tahi.org
TAHI Project appreciates for all of your efforts!!

• Huge experience and knowledge has piled

  We’d like “Universal Deployment of DHCPv6”.
  → “IPv6 Ready Logo Phase-2 for DHCPv6”!!
IPv6 Ready Logo Phase-2 for DHCPv6

• Just started!
  – Since Apr. 27th, 2007

• IPv6 Ready Logo official Web site
  – http://www.ipv6ready.org/

• Test Specification
  – Both Conformance and Interoperability Test Specifications are available on this web site
  – Developed by mainly TAHI and UNH-IOL

*If you have some comments regarding test specification, please send to ipv6ready-info@ipv6ready.org
# Target Functionality

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<tr>
<th>Steteful DHCPv6</th>
<th>Stateless DHCPv6</th>
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<tbody>
<tr>
<td>1. Address Assignment</td>
<td>2. DNS Configuration in parallel with Address Assignment</td>
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<td>3. Stateless DHCPv6 For DNS Configuration</td>
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</table>

DHCPv6 Logo

You can obtain DHCPv6 Logo by each functionality!
TAHI DHCPv6 Test Tool for IPv6 Ready Logo

• Improved version of original Test Tool
• TAHI Project has released DHCPv6 Test Tool for IPv6 Ready Logo version 1.0.3 (Jul, 11, 2007) !!
  – Follow the conformance test specification of IPv6 Ready Logo Phase-2 for DHCPv6
  – You can get and use this tool freely
    • http://www.tahi.org/logo/dhcpv6/
## Conformance Test Results

Rating: How much do these implementations PASS the Conformance Test?

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<tr>
<th>Vender</th>
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<th>Relay</th>
<th>Server</th>
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*** : PASS all tests    ** : PASS almost tests    * : PASS many tests

Client devices are strongly required!

For “Universal Deployment of DHCPv6”!!
Check this!

- TAHI DHCPv6 Test Tool
- IPv6 Ready Logo official Web site
  - http://www.ipv6ready.org/