

CPET 565/CPET 499 Mobile Computing Systems

Lecture 6 Mobile IP

Fall 2012

A Specialty Course for Purdue University's M.S. in Technology
Graduate Program

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Mobile IP Protocol

- Allows location-independent routing of IP datagrams on the Internet
- Each mobile node is identified by its
 - Permanent IP address (home)
 - Home agents
- Away from home (foreign network)
 - Care-of IP address
 - Foreign agents
- IP tunnel
 - The home agent redirect data packet toward the remote address using care-of IP

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Mobile IP References

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- Mip4 Working Group Status Pages, Jan. 2004, <http://www.mip4.org/2004/implementations/>

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Mobile IP References

- AT&T Network – Static IP address