

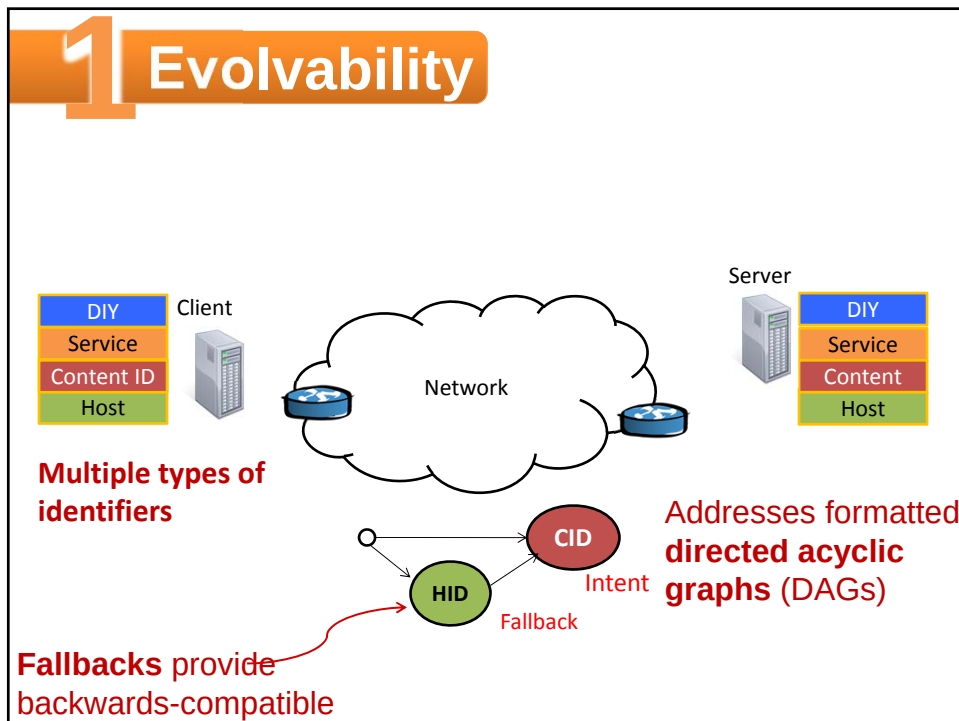
eXpressive Internet

Architecture: SIGCOMM 2012 Demo

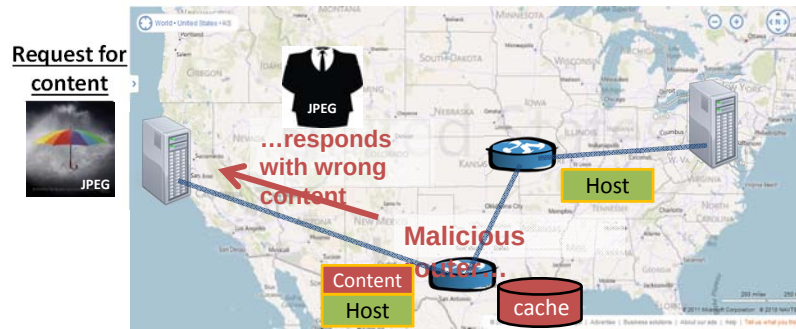
Carnegie
Mellon
University

BOSTON
UNIVERSITY

WISCONSIN
UNIVERSITY OF WISCONSIN-MADISON



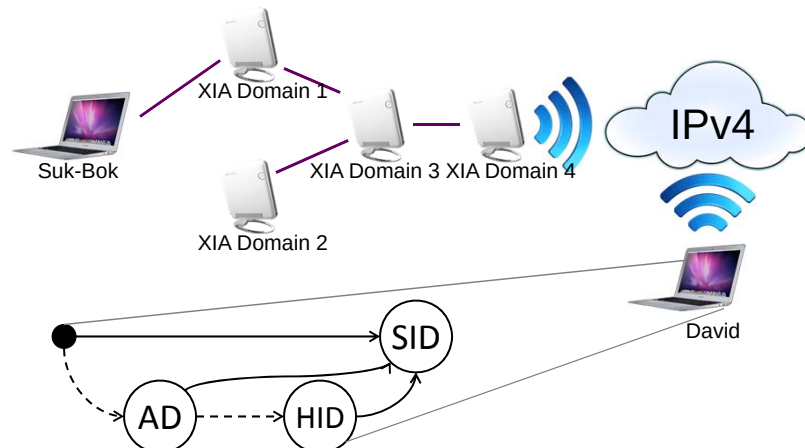
2 Intrinsic Security

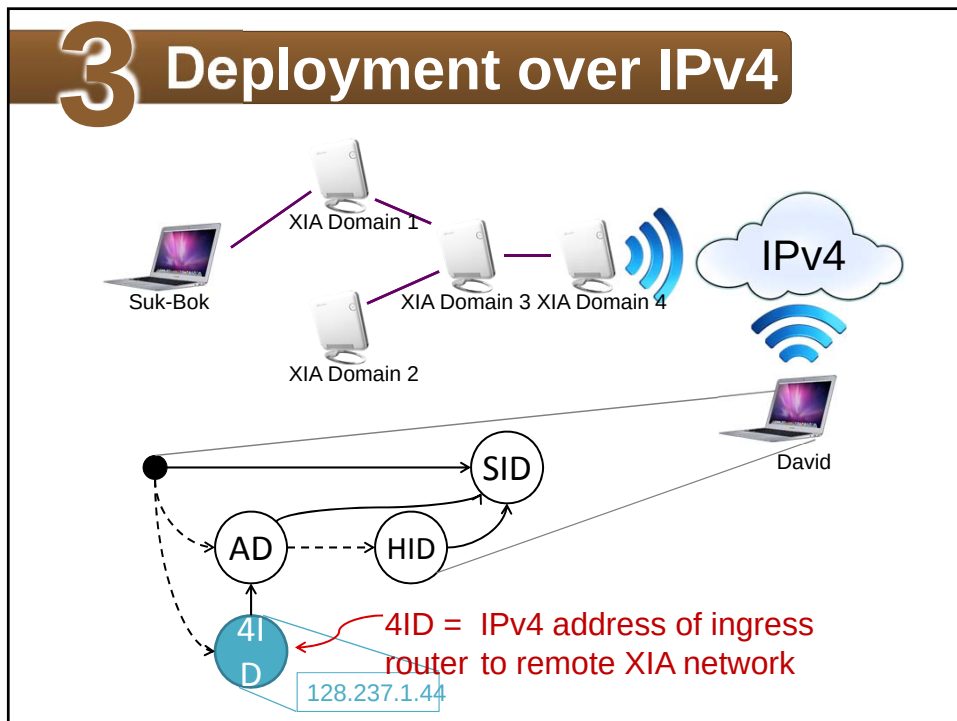
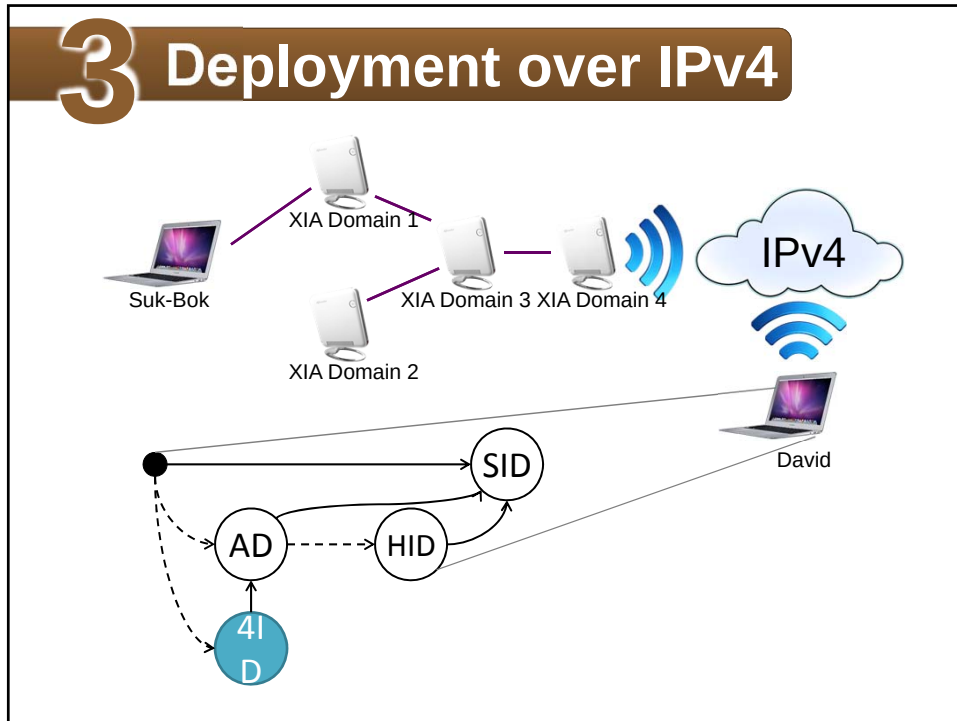


End-point can verify data integrity using the *content identifier* itself

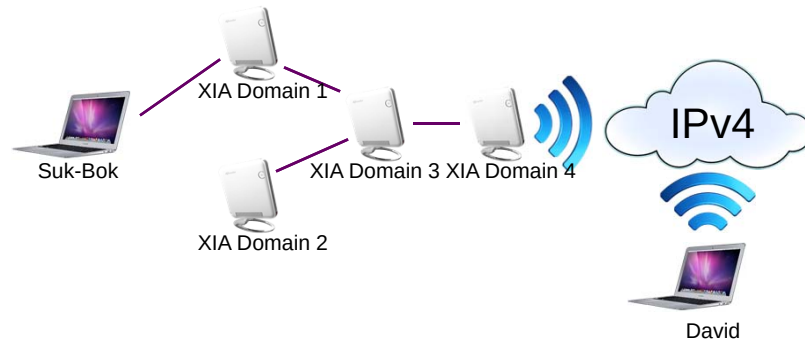


3 Deployment over IPv4



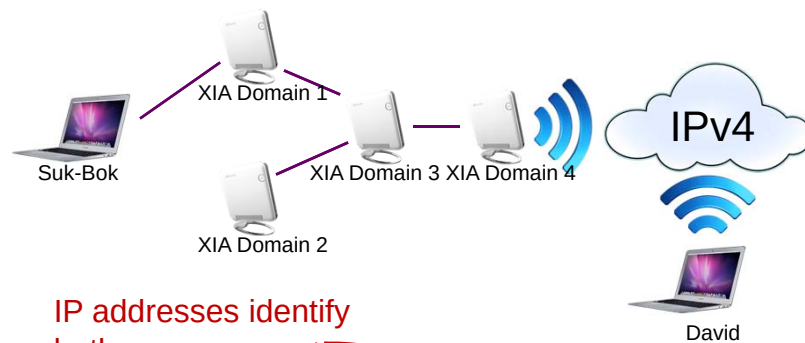


4 Client Mobility



IP socket	< src IP, src port, dst IP, dst port >
XIA socket	< src SID, dst SID >

4 Client Mobility



IP addresses identify
both

host and network

IP socket	< src IP, src port, dst IP, dst port >
XIA socket	< src SID, dst SID >

SIDs are independent of
location