Analyzing the TCP/IP Resolution Process

Port, Name, Route and Hardware Address Resolution

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Scenario Building the Packet Port/Name Resolution Local MAC Resolution Route and MAC Resolution (Remote Target) Complete TCP/IP Resolution Process





The Scenario



MAC: A IP: 10.1.0.1 Mask: 255.0.0.0



IP: 10.2.99.99





Building the Packet



Port and Name Resolution







Local MAC Resolution

TECHNOLOGIES





Route and MAC Resolution (Remote Target)





TCP/IP Resolution Processes



Building the Packet



Where Can Things Go Wrong?



Scenarios – Simple (Remote DNS/FS)



Scenarios – Redirection



What's Next?

Laura's Lab Kit v9

In show bags as well as...

ISO image: www.novell.com/connectionmagazine/laurachappell.html





