

Daffodil International University

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Course Code: SWE-411

Course Title: Computer Network with Lab

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Teacher Designation: Par time Lecturer, Department of Software Engineering

Assignment Title: Network scanning using LANsurveyor

Background: Scanning network IP in range 203.190.10.1 to 203.190.10.255

Scope: Network scanning using LAN Surveyor. LANsurveyor is a nice tool of Network Scanning. A network diagram can get using this tool within an IP range.

Limitations: I have used a free version of SolarWinds LANsurveyor, so that I didn't get full facilities of this software. Another problem is the software can't detect the off computers in the network

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Introduction: LANsurveyor gives us the ability to draw maps showing the logical connectivity of a network device and create status and inventory reports about mapped network devices. Used independently, the easy-to-use LANsurveyor interface and the improved LANsurveyor Network Discovery engine will quickly have you mapping a network and creating status reports.

Toolbar and Menu-bar: The toolbar and menu-bar of LANsurveyor is shown in following visual:



Description of toolbar:

1. New – To scan a IP range using new window
2. Open – To open saved map
3. Cut – To Cut
4. Copy – To copy a map
5. Paste – To paste a map
6. Manage LANSurveyor Responder – To restart or, refresh the tool
7. Alert – To send an alert message
8. Create backup profiler report – To qualified valuable data assets that reside on LANSurveyor Responder Computers
9. Software Inventory Report- To measure software license compliance and determine software upgrades requirements.
10. Software Meter Report – To measure concurrent license use
11. Custom Report – To gather information from any map node using any fields selected.

Drawing Map: I made a map using LANSurveyor with IP range 203.190.10.1 to 203.190.10.1. The visual of this map is following:

References:

1. <http://www.solarwinds.com/lansurveyor-to-network-topology-mapper-2013.aspx>

