

BACnet Bindings

Binding Process
Simple Network
Complex Network

Wireshark

Use Wireshark to review a capture
Add Columns to the Wireshark Interface
Import and apply BACnet color rules to Wireshark
Create, save, and use a filter in Wireshark
Network Issue Case 1 – Max Masters

Network Microblocks

Setting up Network microblocks Polling Vs. COV
Network Issue Case 2 – Excessive COV

Subnet Masks

Addresses, Subnets & Default Gateways
Network Issue Case 3 – Subnet Mask
Send BACnet broadcasts across an IP router
Network Issue Case 4 – BBMDs

NAT Routers / Firewalls

Enable NAT Routing in a WebCTRL system
Configure a Whitelist in a BACnet router
Network Issue Case 5 – Trend Log

Hierarchical Servers

Create a Parent / Child Server system

Shell Commands

Command Prompt Functions

Security

Group addresses by subnet
What is your IP address, subnet and default gateway?
What is my IP address on the internet?
Which ports do I open?
Set up white list with Windows Firewall
Let's be a hacker!