

1 Scope

This document describes the procedures for configuring the NetScan vulnerability scanning service to scan (or not scan) a particular network subnet. These procedure are intended to be carried out by:

- NetReg Administrators who can modify the necessary NetReg Service Groups

2 NetScan Service

The NetScan service continuously scans the campus network looking for machines vulnerable to various remotely exploitable security holes. The NetScan service scans particular network subnets based on configuration data it receives from NetReg.

The full NetScan documentation is in the Wiki at

<http://acs-wiki.andrew.cmu.edu/twiki/bin/view/NGCoverage/NetScan>

2.1 NetReg Service Groups

Netreg service groups of type `NetScan` Subnets will get converted into `networknodes` in the `netscan-networks.xmlconfig` file. Currently we just use one service group `NetScan.Config`.

Any subnet which should be scanned by the NetScan services should be a member of the service group. Subnets can optionally have attributes attached to them that will be converted into settings in the NetScan config file. To update the list of subnets to be scanned, do the following.

- Locate the NetReg Service group: Using your web browser of choice, visit NetReg, click on `Services`, browse through the list of service groups to find the `NetScan.Config` group and go to the page for that group.
- To add a new subnet: If you're adding a new subnet to the scanner, the steps are:
 - Add the subnet: Type the name of the subnet into the box under `Add Member`, choose `Subnet` from the popup menu, and click `Add Member`.
 - Add any attributes (optional): Most networks do not need any extra attributes added. If the network is not a simple wired network (i.e. authbridge protected, or dialup pools), or you wish to adjust the scan frequency for this network, consult the NetScan documentation for details on the attributes you can add.

Revision: 0.1	Revision Date: 4/02/2004	Effective Date:
Status: Draft	Author: David Nolan	
Changes: Initial Version		

- To remove a subnet: If you want to stop the scanning of a specific subnet, the steps are:
 - Expand the service group members list: Since more than 10 subnets are in the group, NetReg hides the full list by default. Click the link to expand the list of members.
 - Remove the subnet: Browse the expanded list of members to find the subnet you want to remove, and click the `Remove` link next to the subnet.

- To adjust the settings of a subnet: If you wish to modify the settings for how NetScan scans a subnet, the steps are:
 - Expand the service group members list: Since more than 10 subnets are in the group, NetReg hides the full list by default. Click the link to expand the list of members.
 - Add/Remove attributes: Most networks do not need any extra attributes added. If the network is not a simple wired network (i.e. authbridge protected, or dialup pools), or you wish to adjust the scan frequency for this network, consult the full NetScan documentation for details on the attributes you can add.

Revision: 0.1	Revision Date: 4/02/2004	Effective Date:
Status: Draft	Author: David Nolan	
Changes: Initial Version		