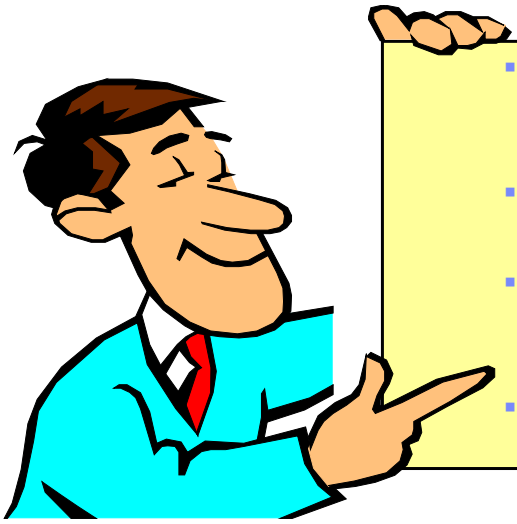
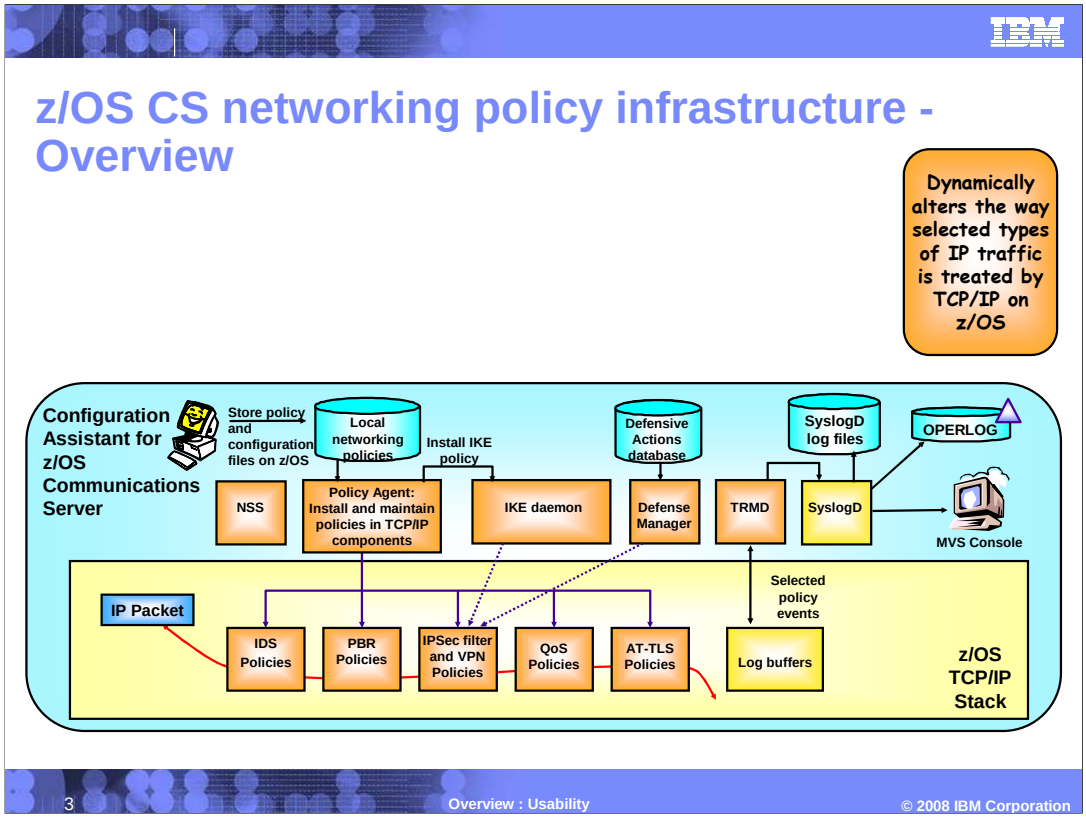
This presentation is an overview of usability improvements in Communications Server for z/OS V1R10.

Agenda



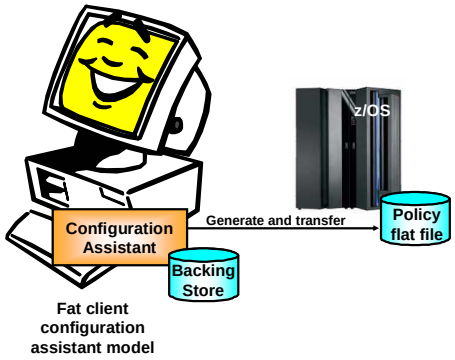
- z/OS Communications Server networking policy infrastructure overview
- Configuration Assistant overview
- Configuration Assistant: import of policy configuration data
- Configuration Assistant: IP Address Group

This presentation gives an overview of networking policy infrastructure. The other subjects include the CS z/OS V1R10 Configuration Assistant enhancements for importing policy configuration data and IP address group definitions.



In z/OS V1R9, the general z/OS Communications Server policy infrastructure supports QoS, IDS, AT-TLS, IPSec IP filters IPSec VPNs and PBR. QoS refers to Networking Quality of Service policies (TOS, Differentiated Services, VLAN priority, QDIO priority queues, and so on.). **IDS** means Intrusion Detection/Defense Services policies that that effect scanning, attacking or flooding. **AT-TLS** is the acronym for Application Transparent Transport Layer Security policies. **IPSec IP filters** refers to IP filter policies. **IPSec VPNs** refers to Virtual Private Network policies for manual and dynamic VPN tunnel policies. **PBR** is the acronym for Policy-based Routing policies.

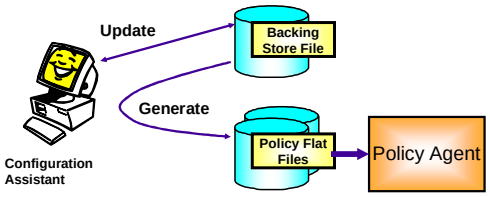
Configuration Assistant overview



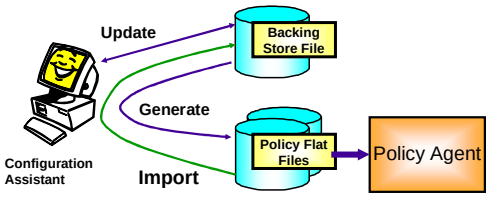
- Configuration Assistant program logic is installed on the Windows® workstation and runs on the workstation.

With the Configuration Assistant, software is installed and maintained on administrators' workstations. Backing-store file and policy configuration files can be located on the workstations, on a LAN server, or accessed using FTP on an FTP server node. This allows administrators to work on policy in off-line mode.

Configuration Assistant: import of policy configuration data



Previous to V1R10, Configuration Assistant creation of policy configuration files was a one-way trip.



V1R10 adds ability to re-import policy configuration information back into the tool.

The Configuration Assistant tool reads and stores all policy-related information in binary form in the backing store file. When a policy has been created, the Configuration Assistant can generate the policy flat file that can be read by Policy Agent.

The created policy flat file is a text file and can be altered with an editor, such as ISPF. However, if such manual edits were done, those changes were never reflected back into the backing store file.

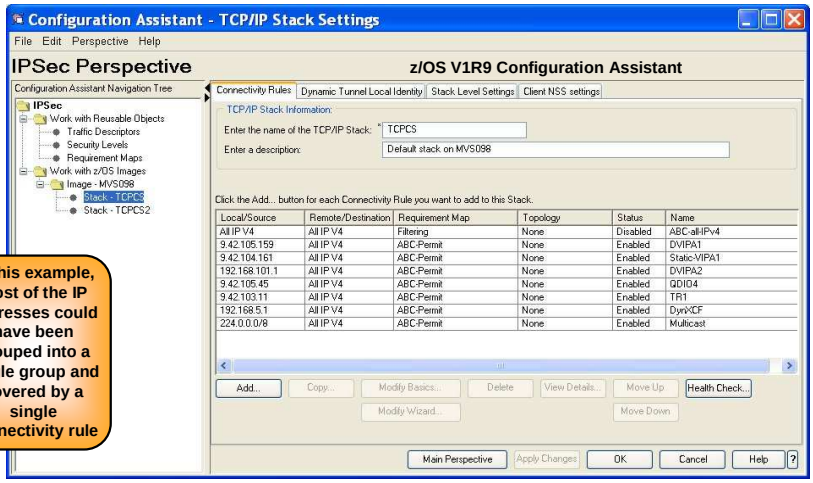
The Configuration Assistant tool in V1R10 this release adds a policy flat file import function. Changes made on the host to the policy configuration files using an editor can now be picked up by the Configuration Assistant tool. Also, existing manually created policy flat files can be imported into the Configuration Assistant and changes can from now on be implemented using the Configuration Assistant tool.

This is not recommended as a standard practice. It is geared toward one-time migration to the Configuration Assistant, or incorporating emergency updates. The Configuration Assistant should be the primary method of maintaining this configuration information.

z/OS V1R10 will add support for some, but not all of the policy types. The additions include IPSec, AT-TLS, PBR and IDS.

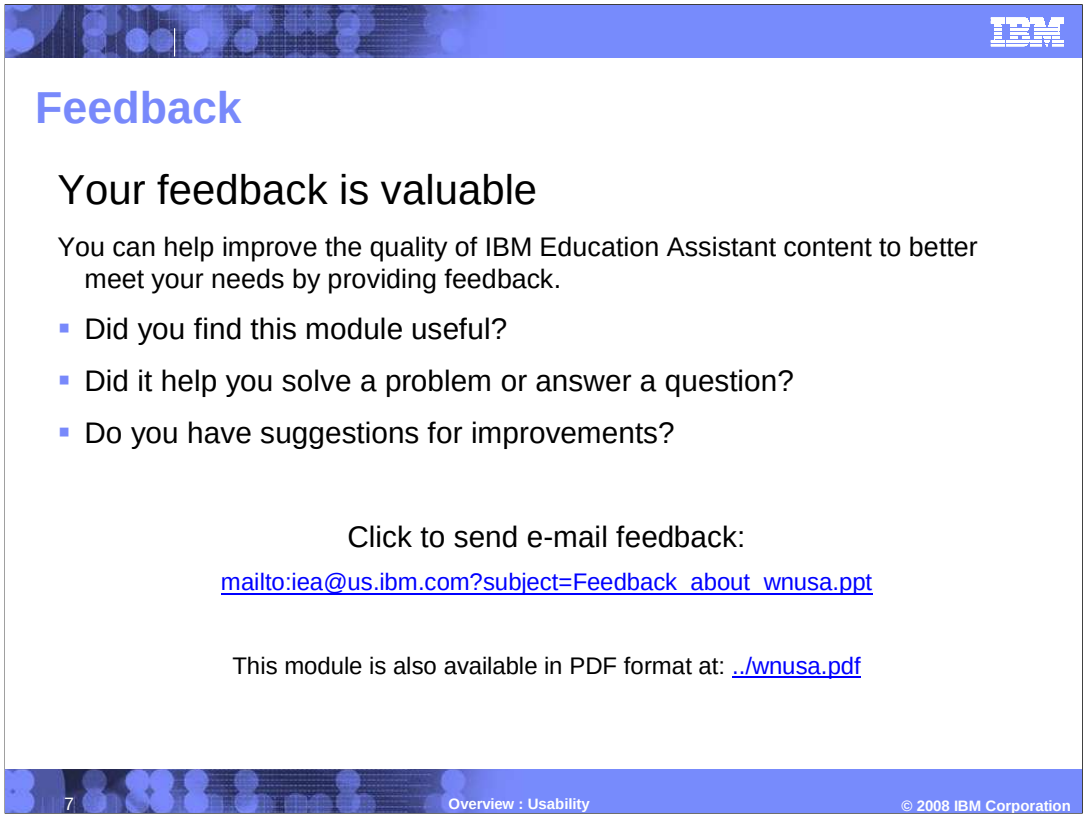
Configuration Assistant: IP address group

- Configuration Assistant adds support for IP address groups to simplify policy configuration files



Policy configuration flat file syntax already supports IP address groups. This support is now added to the Configuration Assistant. This can significantly reduce the number of IP filter rules that are generated by the Configuration Assistant, and enables better import processing of existing policy configuration files that already use IP address groups

Before this release, a connectivity rule must be configured per IP address in the HOME list. For each connectivity rule, an IP filter rule per traffic descriptor in the associated requirement map is generated. With IP address group support, the number of connectivity rules can be reduced, and hence the number of generated IP filter rules.



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