



New Face of z/OS Communications Server: V2R1 Configuration Assistant

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Agenda

- What is the Configuration Assistant and how can it help you (quick introduction)
- Configuration Assistant on Windows no longer provided as a download as of z/OS V2R1
- Configuration Assistant redesigned in V2R1 to improve performance, user experience, and integration with other z/OSMF plug-ins

Overview of the Configuration Assistant



- **Tool to simplify configuration of z/OS Communications Server policy-based networking technologies**
 - IP Security – IP Filter rules and VPN tunnels
 - Along with configuration for NSS and DMD daemons
 - Application Transport TLS (AT-TLS)
 - Intrusion Detection Services (IDS)
 - Policy-based Routing (PBR)
 - Quality of Service (QoS)
- **Specifically, how does it help?**
 - Provides a GUI with wizards, helps, and tutorials that guide users through the configuration of policy rules
 - Generates correct policy configuration (free from syntax errors)
 - Provides health checks for configuration inconsistencies
 - Supports the import of existing configuration files (intended for startup)
 - Also helps with setup of the policy-based networking environment-
ex: Policy Agent, Syslogd, TRMD, etc..- defining SAF resources..
- Has been provided as a Microsoft Windows tool (download), “as-is”, and with z/OS V1R11 provided with z/OSMF

Windows Version of the Configuration Assistant No Longer Provided as of z/OS V2R1

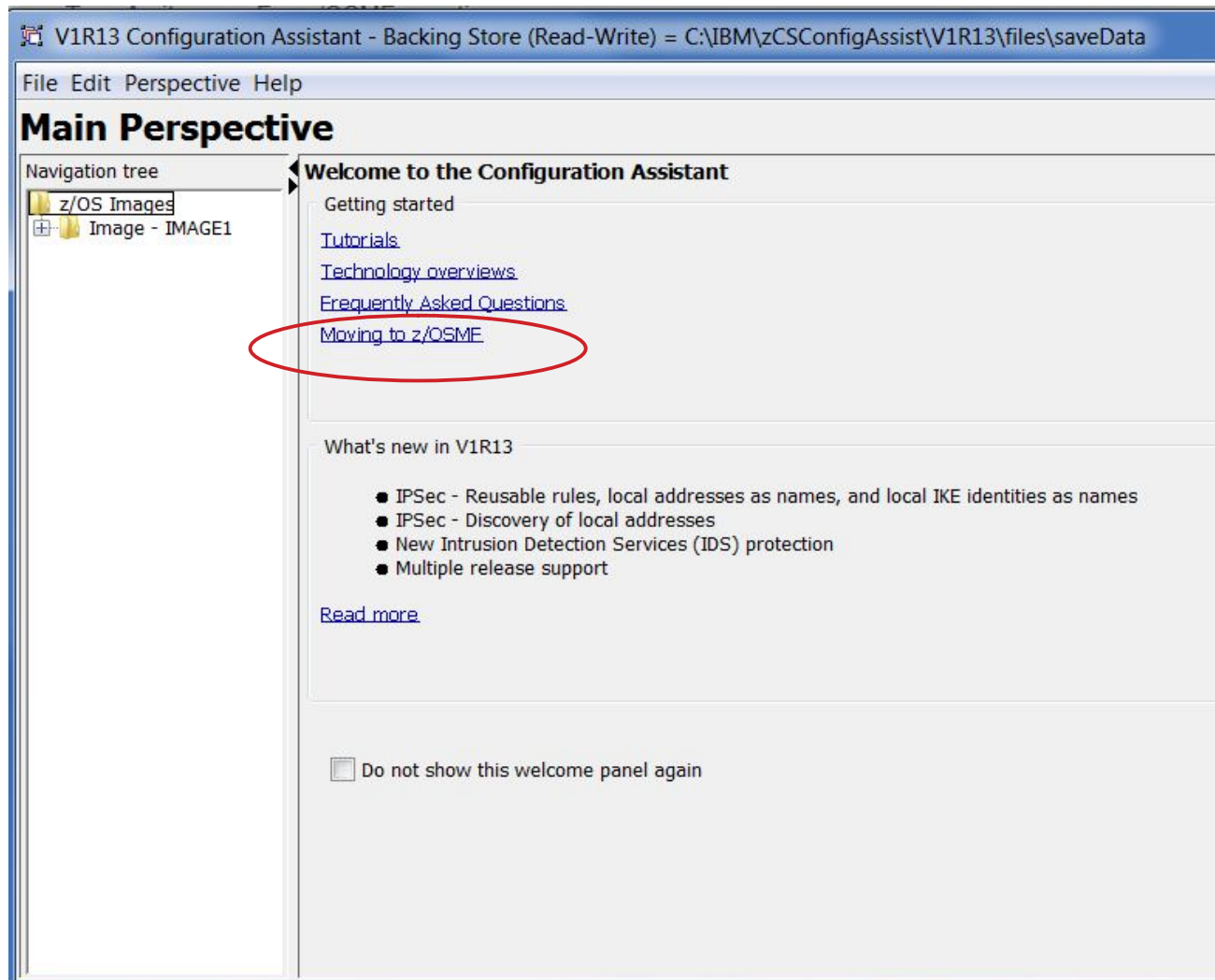


Statement of Direction

z/OS V1R13 is planned to be the final release for which the IBM Configuration Assistant tool that runs on Microsoft Windows will be provided by IBM. This tool is currently available as an as-is, nonwarranted web download. Customers who currently use the Windows-based IBM Configuration Assistant for z/OS Communications Server tool should migrate to the z/OS Management Facility (z/OSMF) Configuration Assistant. The IBM Configuration Assistant for z/OS Communications Server that runs within z/OSMF is part of a supported IBM product and contains all functions supported with the Windows tool.

- Have issued the above statement of direction for no longer providing the Microsoft Windows version of the Configuration Assistant for a few years now.
- Configuration Assistance has been available with z/OSMF since z/OS V1R11
- As of z/OS V2R1, users must migrate to the Configuration Assistant that is a plug-in to z/OSMF.

Recommended for Moving to z/OSMF



Complete your sessions evaluation online at [SHARE.org/BostonEval](https://www.share.org/BostonEval)



Early Integration of the Configuration Assistant with z/OSMF: Why?



Configuration Assistant has been available with z/OSMF since it was first introduced in the z/OS V1R11 timeframe.

- Configuration Assistant was a Window's application built with a UI toolkit (AUIML) that allowed for rendering the UI using SWING (desktop) or HTML (web). Set AUIML property to generate the desired rendering format.
- Because of this feature, was fairly easy to integrate with z/OSMF

Benefits to Configuration Assistant running on z/OSMF?

- Configuration Assistant provides significant value to z/OSMF: Proven tool that customers have been using
- Satisfies requirements from many customers to provide the Configuration Assistant as a web-based application
- Provides the ability to have centralized product access for multiple users and manage a single, controlled product rather than downloading and managing several copies across workstations
- Runs on the platform it's configuring and allows for centrally managing configuration backing stores
 - Runs on the platform it is configuring; therefore, configuration files can be saved locally (may not require FTP)

Complete your sessions evaluation online at [SHARE.org/BostonEval](https://www.share.org/BostonEval)



Benefits to Configuration Assistant on z/OSMF...continued..



- Configuration Assistant becomes more important and strategic for enhancing
 - Improves chances that IBM will continue to support new functions in Configuration Assistant to simplify z/OS network configuration
- z/OSMF provides official IBM product support and delivery- Windows version has been “as-is” and “best-effort” for support
- Allows for easier integration with other z/OSMF plug-ins and applications in the future
 - Cross-product linking to provide value

What is Required to Use the Configuration Assistant on z/OSMF



- Recognize that migrating from Windows to z/OSMF is not trivial
 - z/OSMF must be installed and configured (setup) by an administrator
 - Requires maintaining another z/OS product
- As z/OSMF grows, the benefits will out-weigh the start-up pains
- Configuration Assistant has no prerequisite software
- Once z/OSMF is installed, users can begin using the Configuration Assistant
 - Don't forget to migrate your backing stores!



What does z/OSMF really provide?

- z/OSMF is a free, fully supported IBM product that provides a web-based GUI that is a portal specifically for accessing z/OS systems management functions
 - Geared toward simplification of traditional z/OS tasks
 - z/OS V2R1 is based upon the new light-weight, WebSphere Liberty runtime (improved installation, setup, and footprint)
 - Much better than pre V2R1
- z/OSMF provides a common framework for plug-ins (like the Config Assistant)
 - A common launch point which is panel with a navigator where applications like the CA can plug-in and be invoked
 - Provides a set of registration services for the applications that want to plug-in
 - Each plug-in registers as a “task” which defines its invocation link (html or jsp) from the browser side. This link appears in the z/OSMF navigator.
 - Provides a user login with authentication (z/OS user Id)
 - SAF controls for controlling access to plug-ins (tasks)
 - Provides services for “logging” on the “server” side for problem determination.



What does z/OSMF really provide? cont..

- Defines common “client-side” (browser) resources and functions to allow for common look and feel across plug-ins and reuse
 - Common panel widgets (UI elements) for common look and feel, ex: tables (common column filtering) , breadcrumbs, etc
 - Common panel message manager for displaying messages. Plug-ins can define their own messages.
 - On the “browser/client” side, there are services for logging from javascript that send the log messages back to the server
 - z/OSMF continues to align with IBM-wide UI strategies. IBM focusing on open toolkits for UI development, such as dojo.
- Provides rules for translation. Japanese is currently supported.
- Defines browser products and levels supported. Plug-ins must comply.
 - Internet Explorer (IE8), IE9, and FireFox
- Key is that z/OSMF and WebSphere provide the ability for the plug-ins to create modern, service-oriented architectures when developing their functions!

Pre-V2R1 Configuration Assistant did not Integrate well



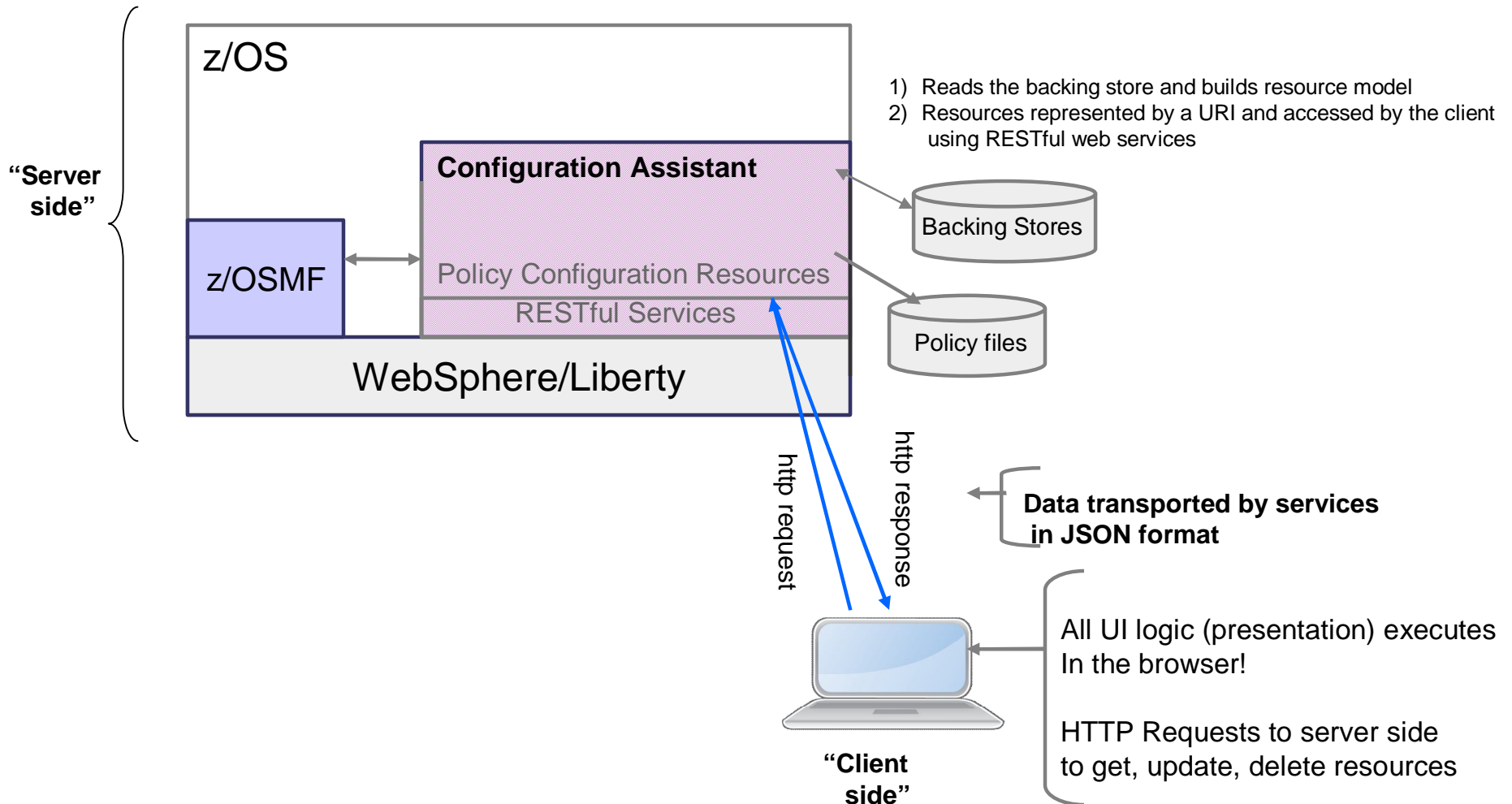
- ▶ The existing Config Assistant did not integrate well into z/OSMF
 - AUIML UI framework does not perform well (server-side performance)
 - Forces application logic to be tightly bound to UI presentation layer logic (counter to modern web application design)
 - Not based upon the z/OSMF framework; therefore, presented a different look, feel, and behavior than other z/OSMF plug-ins
 - Use of z/OSMF common UI widgets intended to provide consistency across plug-ins
- Using the “AUIML framework”, the Config Assistant did not look nor perform well
 - Costly to maintain this old technology

Configuration Assistant becomes a Modern Web Application



- Redesigned the Configuration Assistant to better integrate with z/OSMF and other plug-ins
 - Removed old UI infrastructure (AUIML)
- New architectural model based upon “AJAX” (Asynchronous JavaScript and XML) design model which provides the following (3 tier model)
 1. The client side UI is based upon html, javascript, dojo, css, and z/OS common widgets
 - Allows for improved performance since much of the logic now executes in the browser
 2. The browser (client side in javascript) communicates asynchronously with the server side Config Assist application using the http protocol and accesses the server side resources through RESTful web services (uses http verbs, ex: GET, POST, DELETE to manage)
 3. On the server side, the Config Assistant defines and manages resources (ex: rules, traffic descriptors, security levels) which are defined with a URI for accessing as described in Step 2. Also provides the persistent data store (backing store).
 - Data exchanged using a JSON format instead of XML (lighter than XML)

View of New Architecture



Much Improved Performance



- Significantly Improved Performance vs V1R13 Config Assistant
- Tests conducted : IP Sec Filter Rule creation over 5 minute interval with EC12, 1 CPU, 2GB memory. Results:
 - Rules Created: 16 with V2R1, 6 with V1R13 **(2.6x)**
 - CPU Estimates (avg/rule): **V2R1 8x better than V1R13 (i.e. uses less CPU)**
 - Avg Response Time per Rule: V2R1 is approximately 2.5x better
- Some improvements due to overall improvements in z/OS V2R1, but most improvements due to the new “AJAX” design model.
- The new WAS Liberty also provides a much lighter-weight runtime and significant improvement to installation

Summary of the Redesigned Configuration Assistant



- Better integration with z/OSMF and improved look and feel
- Much better performance and modern web design
- Provides foundation for expansion aligned with IBM and platform strategies

V2R1 Configuration Assistant for z/OS Communications Server



- The Configuration Assistant has been redesigned, but all existing configuration backing stores for supported releases can be used without change!
 - Supported releases are V2R1, V1R13, and V1R12
 - All panels are new; however, the same functions are provided
 - Significant change in the look and feel
 - No loss of function in terms of generating policy configuration for technologies
 - A few areas where change is noticeable
 - One example is the Application Setup Tasks
 - No longer have a “Main” perspective
 - Navigation tree for systems and reusable objects
 - New function is provided
 - Enhanced backing store management
- Since the tool has significantly been reconstructed, and although it has been well-tested, it is recommended that users save a copy of their existing configuration backing stores!

Complete your sessions evaluation online at SHARE.org/BostonEval



Repeat! Good Place to Start if Migrating from Windows for the First Time!



IBM z/OS Management Facility Welcome kim

- Welcome
- Notifications
- Workflows
- Configuration
 - Configuration Assistant
- Links
 - czuktest
 - ShopzSeries
 - Support for z/OS
 - System z Redbooks
 - WSC Flashes & Techdocs
 - z/OS Basics Information Center
 - z/OS Home Page
 - z/OS Internet Library
- z/OSMF Administration
- z/OSMF Settings

Welcome x Configuratio... x

Welcome to V2R1 Configuration Assistant for z/OS Communications Server

Use this task to create and manage configuration for z/OS Communications Server policy-based networking functions.

Select a backing store for configuration:

NextPrototype

Learn more about Configuration Assistant:

What's New	See what is new in this release.
Getting Started	First time users can learn about Configuration Assistant.
Migrating to z/OSMF	Migrate backing stores from Windows to z/OSMF.
Tutorials	Link to tutorials.
FAQs	Link to Frequently Asked Questions.

Comparing Pre V2R1 and V2R1 Configuration Assistant

A quick overview of some key differences

V2R1

Pre V2R1



No "Main Perspective"

Welcome x Configuratio... x

Configuration Assistant (Home) > IPSec

V2R1 Current Backing Store = CADemo

Select a perspective: IPSec

- AT-TLS
- DMD
- IDS
- IPSec
- NSS
- PBR
- QoS

Actions	Name	Status	Release	Description
<input type="radio"/>	IMAGE1	Complete	V1R12	
<input type="radio"/>	STACK1	Incomplete	V1R12	

Total: 2, Selected: 0

Home Save

Welcome x Configuratio... x

Action Perspective Main

V1R13 Configuration Backing Store (Read-Write) = saveData

Main Perspective

Navigation tree

- z/OS Images
 - Image - MVS203
 - Stack - TCPCS
 - Image - IMAGE1
 - Image - IMAGE2
 - Image - V1R13

z/OS Communication Server technologies

Select the technology you want to configure and click Configure.

Select	Technology	Description
<input type="radio"/>	AT-TLS	Application Transparent - Transport L
<input type="radio"/>	DMD	Defense Manager Daemon
<input type="radio"/>	IPSec	IP Security
<input type="radio"/>	IDS	Intrusion Detection Services
<input type="radio"/>	NSS	Network Security Services
<input type="radio"/>	QoS	Quality of Service
<input type="radio"/>	PBR	Policy Based Routing

Work with settings for z/OS images

Add a New z/OS Image...

To work with a specific z/OS image or TCP/IP stack, select the



V2R1

Pre V2R1



Welcome x Configuratio... x

Configuration Assistant (Home) > IPSec

V2R1 Current Backing Store = Diane_IPSEC_FF

Select a perspective: IPSec

Tools

Systems Traffic Descriptors Security Levels Address Groups Requirement Maps Reusable Rules

Actions

Name	Type	Status	Release	Description
A	Image	Complete	V2R1	Imported from Policy Data
TCPCS	Stack	Complete	V2R1	Imported from Policy Data

Welcome x Configuratio... x

Action Perspective Main

V1R13 Configuration Backing Store (Read-Write) = saveData

Main Perspective

Navigation tree

- z/OS Images
 - Image - MV...
 - Stack - T...
 - Image - MVS203
 - Stack - TCPCS
 - Image - IMAGE1
 - Image - IMAGE2
 - Image - V1R13

z/OS Communication Server technologies

Select the technology you want to configure and click Configure.

Select	Technology	Description
<input type="radio"/>	AT-TLS	Application Transparent - Transport L
<input type="radio"/>	DMD	Defense Manager Daemon
<input type="radio"/>	IPSec	IP Security
<input type="radio"/>	IDS	Intrusion Detection Services
<input type="radio"/>	NSS	Network Security Services
<input type="radio"/>	QoS	Quality of Service
<input type="radio"/>	PBR	Policy Based Routing

Work with settings for z/OS images

Add a New z/OS Image...

To work with a specific z/OS image or TCP/IP stack, select the

“Systems navigation tree” now a table



V2R1

Reusable Objects Tabs

Welcome x Configuratio... x

Configuration Assistant (Home) > IPSec

V2R1 Current Backing Store = Diane_IPSEC_FF

Select a perspective: IPSec

Systems

- Traffic Descriptors
- Security Levels
- Address Groups
- Requirement Maps
- Reusable Rules

Tools

Actions

Name	Type	Status	Release	Description
A	Image	Complete	V2R1	Imported from Policy Data
TCPCS	Stack	Complete	V2R1	Imported from Policy Data

Total: 2, Selected: 0

Home Save

Pre V2R1



Welcome x Configuratio... x

Action Perspective

V1R13 Configuration Assistant - Backing Store (Read-Write) = saveData

IPSec Perspective [Work with reusable objects](#)

Navigation tree

- IPSec
 - Reusable Objects
 - Traffic Descriptors
 - Security Levels
 - Address Groups
 - Requirement Maps
 - Rules
- z/OS Images
 - Image - MVS201
 - Stack - TCPCS
 - Image - MVS203
 - Stack - TCPCS
 - Image - IMAGE1
 - Image - IMAGE2
 - Image - V1R13

[Traffic Descriptors](#)

[Security Levels](#)

[Address Groups](#)

[Requirement Maps](#)

[Rules](#)

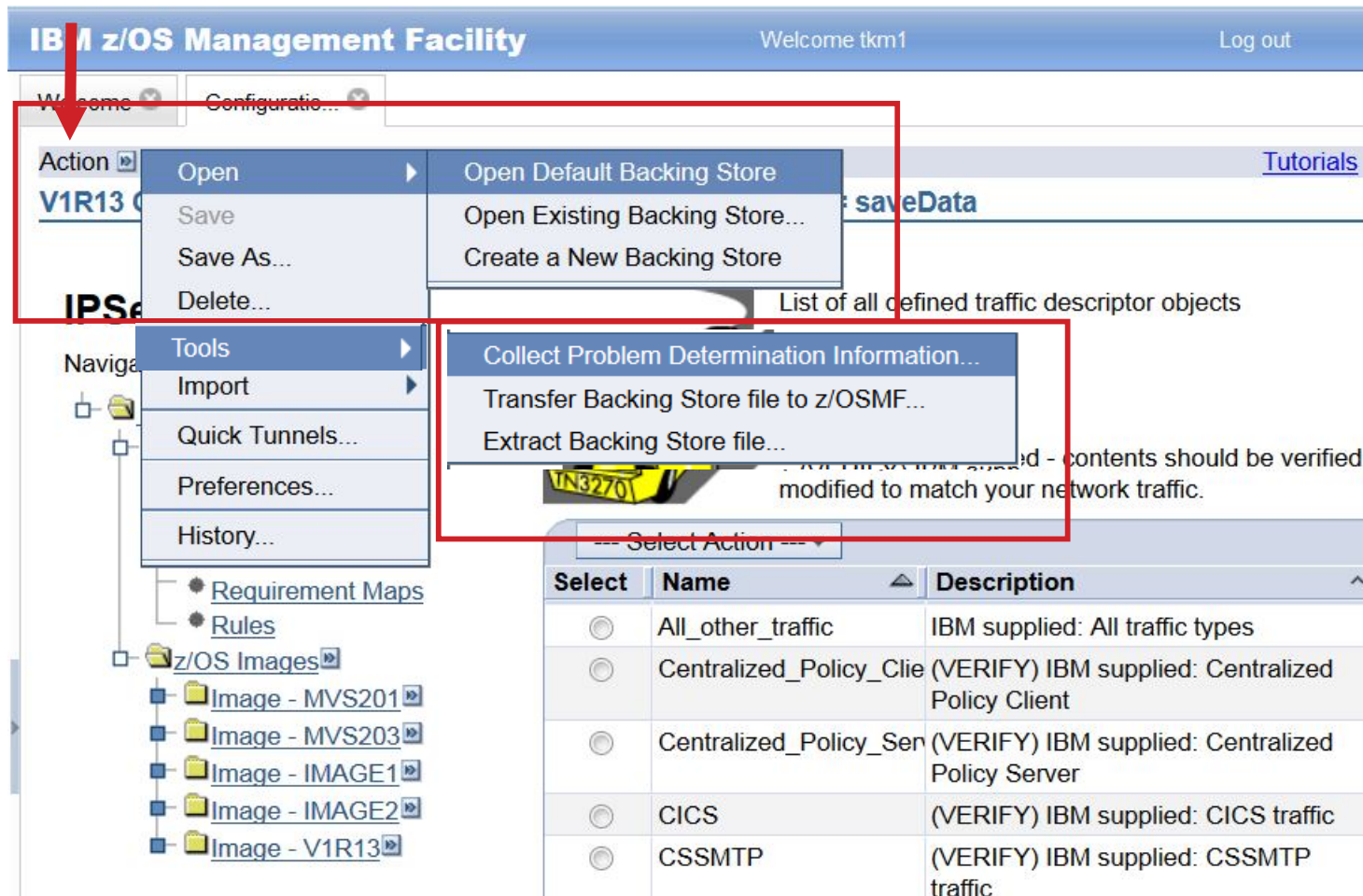
[Work with settings for z/OS images](#)

[Add a New z/OS Image...](#)

To work with a specific z/OS image or TCP/IP stack, s TCP/IP stack from the navigation tree.

[Main Perspective](#)

Pre V2R1 Backing Store Management



The screenshot shows the IBM z/OS Management Facility interface. A red arrow points to the 'Action' menu, which is open. The 'Tools' sub-menu is also open, showing options for backing store management. A table of traffic descriptor objects is visible at the bottom.

IBM z/OS Management Facility Welcome tkm1 Log out

Action

- Open
 - Open Default Backing Store
 - Open Existing Backing Store...
 - Create a New Backing Store
- Save
- Save As...
- Delete...

Tools

- Collect Problem Determination Information...
- Transfer Backing Store file to z/OSMF...
- Extract Backing Store file...

z/OS Images

- Image - MVS201
- Image - MVS203
- Image - IMAGE1
- Image - IMAGE2
- Image - V1R13

Select	Name	Description
<input type="radio"/>	All_other_traffic	IBM supplied: All traffic types
<input type="radio"/>	Centralized_Policy_Clie	(VERIFY) IBM supplied: Centralized Policy Client
<input type="radio"/>	Centralized_Policy_Ser	(VERIFY) IBM supplied: Centralized Policy Server
<input type="radio"/>	CICS	(VERIFY) IBM supplied: CICS traffic
<input type="radio"/>	CSSMTP	(VERIFY) IBM supplied: CSSMTP traffic

V2R1 Improved Backing Store Management



Welcome x Configuratio... x

Configuration Assistant (Home) ▶ IPSec

V2R1 Current Backing Store = CADemo

Select a perspective:

Tools ▼

- Manage Backing Stores...
- History...
- Preferences...
- Log level...

Systems Traffic Descriptors Security Levels Address Groups Requirement Maps R

Actions ▼

	Name	Type	Status	Release	Description
○	[-] IMAGE1	Image	Complete	V1R12	
○	▪ STACK1	Stack	Incomplete	V1R12	

V2R1 Manage Backing Stores Details



Welcome x Configuratio... x

“Locked” could be another status

Configuration Assistant (Home) ▶ Tools ▶ Manage Backing Stores

Manage Backing Stores: Current Backing Store = CADemo

Status is “moment in time”.
Use the “Refresh” button to update.

Actions ▼			
Name Filter	▲	Status Filter	Time Last Updated Filter
<input checked="" type="radio"/> CADemo		Current	2013-01-24 15:50:52
<input type="radio"/> CADemoAKT		Available	2013-01-24 15:50:52
<input type="radio"/> CATestIPSec		Available	2013-07-25 08:26:27
<input type="radio"/> DianeBS_ATTLS_FF		Available	2013-01-24 15:50:53
<input type="radio"/> DianeBS_ATTLS_IE8		Available	2013-04-01 12:52:18
<input type="radio"/> DianeBS_ATTLS_IE9		Available	2013-01-24 15:50:54
<input type="radio"/> DianeBS_DMD_FF		Available	2013-01-24 15:50:54
<input type="radio"/> DianeBS_DMD_IE8		Available	2013-01-24 15:50:54
<input type="radio"/> DianeBS_DMD_IE9		Available	2013-01-24 15:50:55
<input type="radio"/> DianeBS_IPSEC_LAN_FF		Available	2013-01-24 15:50:56
<input type="radio"/> DianeBS_IPSEC_LAN_IE8		Available	2013-01-24 15:50:58
<input type="radio"/> DianeBS_IPSEC_LAN_IE9		Available	2013-01-24 15:50:58
<input type="radio"/> DianeBS_testswing		Available	2013-01-24 15:50:59
<input type="radio"/> DianeBS_testswing2		Available	2013-01-24 15:50:59

Total: 69, Selected: 1

Refresh

Last refresh: Jul 30, 2013 2:18:36 PM local time (Jul 30, 2013 6:18:36 PM GMT)

Close

Complete your sessions evaluation online at SHARE.org/BostonEval



V2R1 Backing Store Management Actions



Welcome x Configuratio... x

Configuration Assistant (Home) ▶ Tools ▶ Manage Backing Stores

V2R1 Current Backing Store = xyz

Actions ▼				
		▲ Status Filter		Time Last Updated Filter
<input type="radio"/>	IE8	Available		2013-01-24 15:51:15
<input type="radio"/>	IE9	Available		2013-01-24 15:51:15
<input type="radio"/>	re	Available		2013-01-24 15:51:15
<input type="radio"/>		Available		2013-01-24 15:51:16
<input type="radio"/>		Available		2013-05-02 15:41:14
<input type="radio"/>		Available		2013-01-24 15:51:16
<input type="radio"/>		Available		2013-01-24 15:51:16
<input type="radio"/>		Available		2013-01-24 15:51:16
<input type="radio"/>		Available		2013-01-24 15:51:17
<input type="radio"/>	R8Store	Available		2013-01-24 15:51:17
<input type="radio"/>	R9Store	Available		2013-01-24 15:51:17
<input type="radio"/>	rtt	Available		2013-01-24 15:51:18
<input type="radio"/>	saveData	Available		2013-04-23 22:41:47
<input type="radio"/>	TEST	Available		2013-01-24 15:51:18

Total: 71, Selected: 1

Refresh

Last refresh: Jul 30, 2013 2:38:01 PM local time (Jul 30, 2013 6:38:01 PM GMT)

Complete your sessions evaluation online at SHARE.org/BostonEval



Pre-V2R1 Message Popups for Errors



Welcome [X] Configuratio... [X]

Modify Traffic Type - TCP

Local port	Remote port
<input checked="" type="radio"/> All ports	<input checked="" type="radio"/> All ports
<input type="radio"/> Single port: *Port: <input type="text" value="100"/>	<input type="radio"/> Single port: *Port: <input type="text" value="100"/>
<input type="radio"/> Port range: *Lower port: <input type="text" value="100"/> *Upper port: <input type="text" value="101"/>	<input type="radio"/> Port range: *Lower port: <input type="text" value="100"/> *Upper port: <input type="text" value="101"/>
<input type="radio"/> All ephemeral ports	<input type="radio"/> All ephemeral ports

Indicate the TCP connect direction

Either Inbound only Outbound only

Permit / Deny only settings

Only applicable when mapped to IPSec Permit or Deny security levels, otherwise ignored.

Advanced Permit / Deny settings

Advanced...

OK Cancel

Error:

This traffic type and traffic details are already in this traffic descriptor.

OK

V2R1 Messages are Inline (part of panel)

Welcome x Configuratio... x

Configuration Assistant (Home) > IPsec > Traffic Descriptor > Traffic Type - TCP

New Traffic Type - TCP

Messages ✖ 1 ⚠ 0 i 0

✖ **CAMSGE**: This traffic type and traffic details are already in this traffic descriptor.

Details | Advanced

Local port

- All ports
- Single port
 - * Port:
- Port range
 - * Lower port: * Upper port:
- Ephemeral ports

Remote port

- All ports
- Single port
 - * Port:
- Port range
 - * Lower port: * Upper port:
- Ephemeral ports

Indicate the TCP connect direction

- Either
- Inbound only
- Outbound only

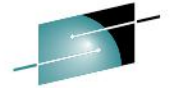
OK Cancel

Application Setup Tasks now Integrated with z/OSMF Workflow Plug-in



- Removed Application Setup Tasks from the Configuration Assistant plug-in and moved to the Workflow plug-in
- Application Setup Tasks are associated with each Configuration Assistant technology at the Image level
 - Help with setup of the Policy-based networking environment: Step by step instructions for SAF profile and configuration file setup, etc., for the policy agent and other required daemons (syslogd, TRMD, IKE, etc)
 - Targeted toward new policy users or new technologies
 - In many cases, tasks are repeated for each Image (repetitive)
- Workflow provides a common place for setup tasks that can be tailored for each system where needed.
 - Upon entering the workflow task, users must “create” a new workflow
 - Create the Configuration Assistant workflows
- Workflows consist of a set of steps which are like instructions. Once the workflow is created, the workflow engine drives the user through the workflow steps using a wizard (best viewed with a quick demo).

Application Setup Tasks Refresher



IPSec Perspective

Navigation tree

- IPSec
 - Reusable Objects
 - Traffic Descriptors
 - Security Levels
 - Address Groups
 - Requirement Maps
 - Rules
 - z/OS Images
 - Image - IMAGE1
 - Stack - STACK
 - Stack - STACK

Application Setup Tasks for Image IMAGE1

This panel contains tasks to enable IP Security for z/OS image IMAGE1.

- Select the task and click **Task Details**.

Steps: - Follow the instructions on the panel.
- As you finish each task, change its status to **Complete**.

List of setup tasks

Task name	Last completion date	Status	Comment
Installation Location Setup	2012-09-18 20:53:56	Complete	
Policy Agent - RACF Directives	2012-09-18 20:54:03	Complete	
Policy Agent - RACF Directives for dat...		Incomplete	
IKED - RACF Directives		Incomplete	
ipsec Command - RACF Directives		Incomplete	
Syslogd - RACF Directives		Incomplete	
TRMD - RACF Directives		Incomplete	
Policy Agent Configuration - Image IM...		Incomplete	

Task Details... Display All Instructions

Permanently save backing store after performing

Task: Configure Installation Location Setup for Image IMAGE1

Instructions View steps for completing this task.

Location Information... Set location information for this image.

Attach comment:

Mark task as complete

OK Help ?

IBM Confidential

Help for using the Workflow

Workflows x Configuratio... x

Welcome to V2R1 Configuration Assistant for z/OS Communications Server

Use this task to create and manage configuration for z/OS Communications Server policy-based networking functions.

Select a backing store for configuration:

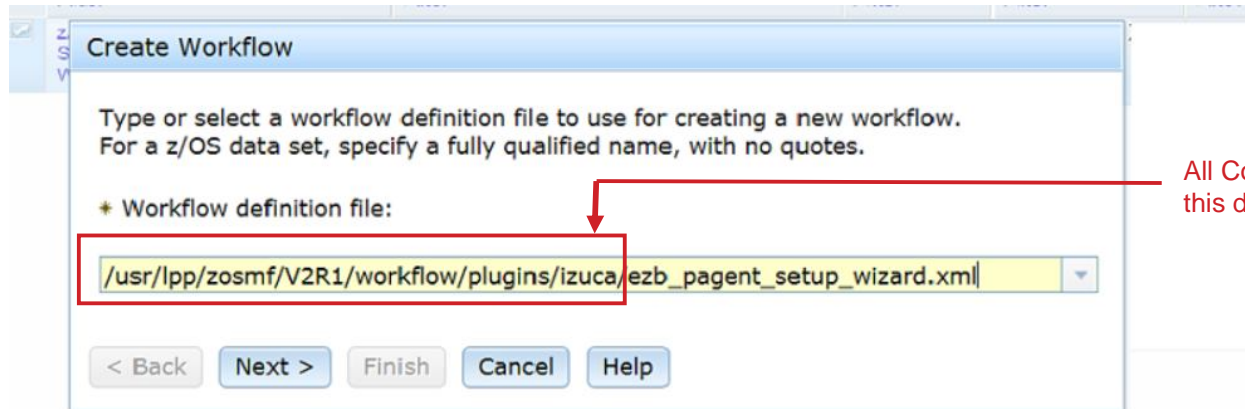
saveData ▼ Open

Learn more about Configuration Assistant:

What's New	See what is new in this release.
Getting Started	First time users can learn about Configuration Assistant.
Migrating to z/OSMF	Migrate backing stores from Windows to z/OSMF.
Application Setup Tasks	Workflows to guide the setup of required applications.
Tutorials	Link to tutorials.
FAQs	Link to Frequently Asked Questions.



From Tutorial: Finding the List of Workflows



All Configuration Assistant Workflows are in this directory.

Workflows for Policy-based Networking

- **ezb_pagent_setup_wizard.xml** - This workflow provides the setups for setting up the Policy Agent (Pagent). Pagent is required for all of the policy-based networking technologies: IPSec, AT-TLS, IDS, PBR, and QoS. Pagent uses syslod for logging.
- **ezb_dmd_setup_wizard.xml** - This workflow provides the steps for setting up the Defense Manager Daemon (DMD). DMD also uses TRMD and Syslogd for logging.
- **ezb_ike_setup_wizard.xml** - This workflow provides the steps for setting up to run the IKE daemon (iked). The IKE daemon uses syslogd for logging.
- **ezb_nss_setup_wizard.xml** - This workflow provides the steps for setting up the Network Security Services (NSS) daemon. The NSS daemon uses syslogd for logging.
- **ezb_trmd_setup_wizard.xml** - This workflow provides the steps for setting up the Traffic Regulation Management Daemon (TRMD). This is used with IPSec, DMD, and IDS technologies for logging. It works in conjunction with Syslogd to provide logging.
- **ezb_syslogd_setup_wizard.xml** - This workflow provides the steps for setting up Syslogd.
- **ezb_tcpip_profile_sample_wizard.xml** - This workflow provides a sample Tcp/Ip profile which contains common statements required to enable AT-TLS and IP Security, and additionally includes port reservation statements for running daemons.

z/OSMF Workflow Plug-In



IBM z/OS Management Facility

- Welcome
- Notifications
- Workflows
- Configuration
 - Configuration Assistant
- + Links
- + z/OSMF Administration
- + z/OSMF Settings

Refresh

Welcome x

Welcome to IBM z/OS Management Facility

IBM® z/OS® Management Facility (z/OSMF) provides a framework for managing can help to simplify some areas of z/OS system management.

To learn more about z/OSMF, visit the links in the Learn More section.

To start managing your z/OS systems, select a task from the navigation area.

Learn More:

- [What's New](#)
- [z/OSMF tasks at a glance](#)
- [Getting started with z/OSMF](#)

Create the workflows



Workflows x

Workflows

1. Use the "Create Workflow" in the Actions menu

Simplifies tasks through guided step-based workflows, and provides administrative functions for assigning workflow responsibilities and tracking progress.

Actions

Workflow Name Filter	Description Filter	Version Filter	Vendor Filter	Owner Filter	System Filter	Percent Complete
<input type="checkbox"/> z/OS Communications Server: Setup to run Traffic Regulation Management Daemon (TRMD) - Workflow_0	z/OS Communications Server: Setup to run Traffic Regulation Management Daemon (TRMD)	1.0	IBM	user1	XESDEV.MVS160 (MVS160_001)	0%
<input type="checkbox"/> z/OS Communications Server: Setup for Syslogd - Workflow_0	z/OS Communications Server: Setup for Syslogd				XESDEV.MVS160 (MVS160_001)	0%
<input type="checkbox"/> Setting up to run IP Defensive Filters with Defense Manager Daemon (DMD) - Workflow_0	Setting up to run IP Defensive Filters with Defense Manager Daemon (DMD)				XESDEV.MVS160 (MVS160_001)	0%
<input type="checkbox"/> Set up to run Network Security Services (NSS) - Workflow_0	Set up to run Network Security Services (NSS)				XESDEV.MVS160 (MVS160_001)	0%
<input type="checkbox"/> z/OS Communications Server: IP Security with IKE - Workflow_0	z/OS Communications Server: IP Security with IKE				XESDEV.MVS160 (MVS160_001)	11%
<input type="checkbox"/> z/OS Communications Server: Install Sample Profiles for TCP/IP Components - Workflow_0	z/OS Communications Server: Install Sample Profiles for TCP/IP Components	1.0	IBM	user1	XESDEV.MVS160 (MVS160)	0%
<input type="checkbox"/> z/OS Communications Server: Setup to run Policy Agent - Workflow_0	z/OS Communications Server: Setup to run Policy Agent	1.0	IBM	user1	XESDEV.MVS160 (MVS160)	0%

Create Workflow

Type or select a workflow definition file to use for creating a new workflow. For a z/OS data set, specify a fully qualified name, with no quotes.

* Workflow definition file:

< Back Next > Finish Cancel Help

Total: 7, Selected: 0

Refresh Last refresh: Aug 9, 2013 9:56:38 AM local time (Aug 9, 2013 1:56:38 PM GMT)



Configuration Assistant-Provided Workflows



Workflows

Simplifies tasks through guided step-based workflows, and provides administra

Actions ▾			
	Workflow Name	Description	
<input checked="" type="checkbox"/>	Filter	Filter	F
<input type="checkbox"/>	z/OS Communications Server: Setup to run Traffic Regulation Management Daemon (TRMD) - Workflow_0	z/OS Communications Server: Setup to run Traffic Regulation Management Daemon (TRMD)	1
<input type="checkbox"/>	z/OS Communications Server: Setup for Syslogd - Workflow_0	z/OS Communications Server: Setup for Syslogd	1
<input type="checkbox"/>	Setting up to run IP Defensive Filters with Defense Manager Daemon (DMD) - Workflow_0	Setting up to run IP Defensive Filters with Defense Manager Daemon (DMD)	1
<input type="checkbox"/>	Set up to run Network Security Services (NSS) - Workflow_0	Set up to run Network Security Services (NSS)	1
<input type="checkbox"/>	z/OS Communications Server: IP Security with IKE - Workflow_0	z/OS Communications Server: IP Security with IKE	1
<input type="checkbox"/>	z/OS Communications Server: Install Sample Profiles for TCP/IP Components - Workflow_0	z/OS Communications Server: Install Sample Profiles for TCP/IP Components	1
<input type="checkbox"/>	z/OS Communications Server: Setup to run Policy Agent - Workflow_0	z/OS Communications Server: Setup to run Policy Agent	1

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Thank You



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