IBM i Access for Web

http://www.ibm.com/systems/i/software/access/web

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THE NEW POWER EQUATION

Introducing IBM Power Systems

Table of Contents

- **What is IBM i Access for Web?**

- **Getting started**
  - **Take a look at popular functions**

- **Environment Security Considerations**

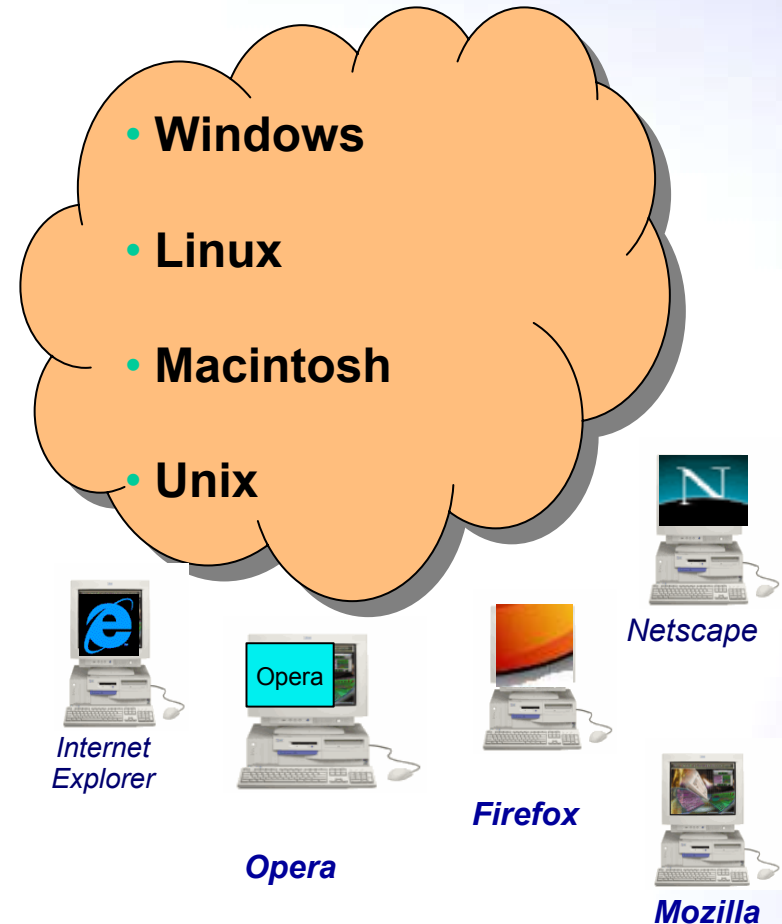# What is IBM i Access for Web?

End users can leverage business information, applications, and resources across an enterprise by extending the IBM i resources to the client desktop through a web browser
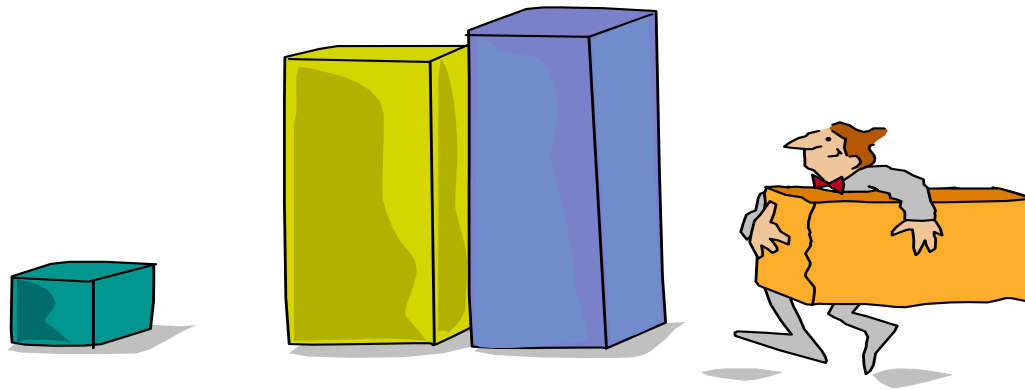
Provides access to IBM i through a browser

- **5250 access**
- **Access to database, integrated file system, printers, output queues, jobs**
- **Can run batch commands and send/receive messages**

It has the following advantages:

- **Is server based**
- **Requires only a browser on the client, no configuration required at desktop, no applets installed on desktop**
- **Uses industry standard protocols - HTTP, HTTPS and HTML**

- **Windows**
- **Linux**
- **Macintosh**
- **Unix**

Netscape

Internet Explorer

Opera

Opera

Firefox

Mozilla

Packaging and Ordering

IBM i Access Family - Packaging

V6R1 5761-XW1 System i Access Family	V5R4 5722-XW1 iSeries Access Family
System i Access for Windows, 5761-XE1, V6R1	iSeries Access for Windows, 5722-XE1, V5R4
System i Access for Web, 5761-XH2, V6R1	iSeries Access for Web, 5722-XH2, V5R4
System i Access for Linux, 5761-XL1, Vx.x (V6R1)	iSeries Access for Linux, 5722-XL1, V1.10 (V5R4)
System i Access for Wireless, 5722-XP1, **V5R3**	iSeries Access for Wireless, 5722-XP1, **V5R3**
V5R4 i5/OS® customers not wanting to upgrade their operating system to V6R1 but want the new V6R1 System i Access Family clients can order no-charge Feature No. 2649 of Product No. 5722-XW1	

- NOTE: IBM i Access for Web is available on V5R1 and later.   This chart summarizes the releases that can currently be ordered.

Products - Focus

Description	Product	Product Number	Need 57xx-XW1* to use?
Family Name	➤IBM i Access Family	57xx-XW1	
Windows client	➤IBM i Access for Windows	57xx-XE1	Yes (for 5250 and Data Transfer)
Linux client	➤IBM i Access for Linux	57xx-XL1	Yes (for 5250)
Browser Access	➤IBM i Access for Web	57xx-XH2	Yes
Handheld / Wireless offering	➤System i Access for Wireless ➤IBM i Toolbox for Java ME	57xx-XP1	No
IBM i systems management	➤System i Navigator ➤Operations Console	Packaged in 57xx-XE1	No

* 57xx = 5761 or 5722

Flexible Purchase Options:
- ✪ Processor-Based = purchase price based on software tier, connect unlimited numbers of users
- ✪ User-Based = purchase only number of users who will be concurrently connected

Notes:
- ✪ Can upgrade from User-Based to Processor-Based, but cannot go back to User-Based after purchasing Processor-Based
- ✪ Software maintenance included in base IBM i software subscription

Functions you can perform with IBM i Access for Web V6R1

Print
- **Printer output**
- **PDF Printer output**
- **Printers**
- **PDF Printers**
- **Internet Printers**
- **Internet Printer Shares**
- **Printer shares**
- **Output Queues**

5250
- **Active Sessions**
- **Start 5250 Session**
- **Configured Sessions**
- **Bypass Sign-on**

Files
- **Browse Files**
- **File Shares**
- **Browse File Share**

Items marked with "" are new in the V6R1 version**

Messages
- **Display Messages**
- **Send Messages**
- **Sametime**
- **Operator Messages**
- **Message Queue**

Database
- **Tables**
- **My Request**
- **Run SQL**
  - **Open Office Formats**
  - **** Wizards supports joins across multiple tables**
  - **** Chart SQL results**
- **Copy Data to Table**
- **Import Requests**
  - **IBM i Access for Windows**
  - **Query Manager**
  - **Query/400**
- **Extract Server Data**

Commands
- **Run commands**
- **My commands**
- **Search**

My Personal Folder

Jobs
- **User Jobs**
- **Server Jobs**

Customize
- **Preferences**
- **Policies**
- **Settings**
- **Transfer configuration data**

Download

Other
- **Bookmarks**
- **Change Password**
- **Connection Pool**
- **Status**
- **Trace**

Single sign-on
- **EIM (WAS authentication)**
- **** Windows domain login (WAS authentication)**

**** Scheduling of tasks**

Getting Started

Before you start with Access for Web you must get your web application server running

HTTP Server

Application Server

Servlet

Web browser

Internet

JSPs

Java Beans

Enterprise Server
Host applications
Database

Tier 1

Tier 2

Tier 3
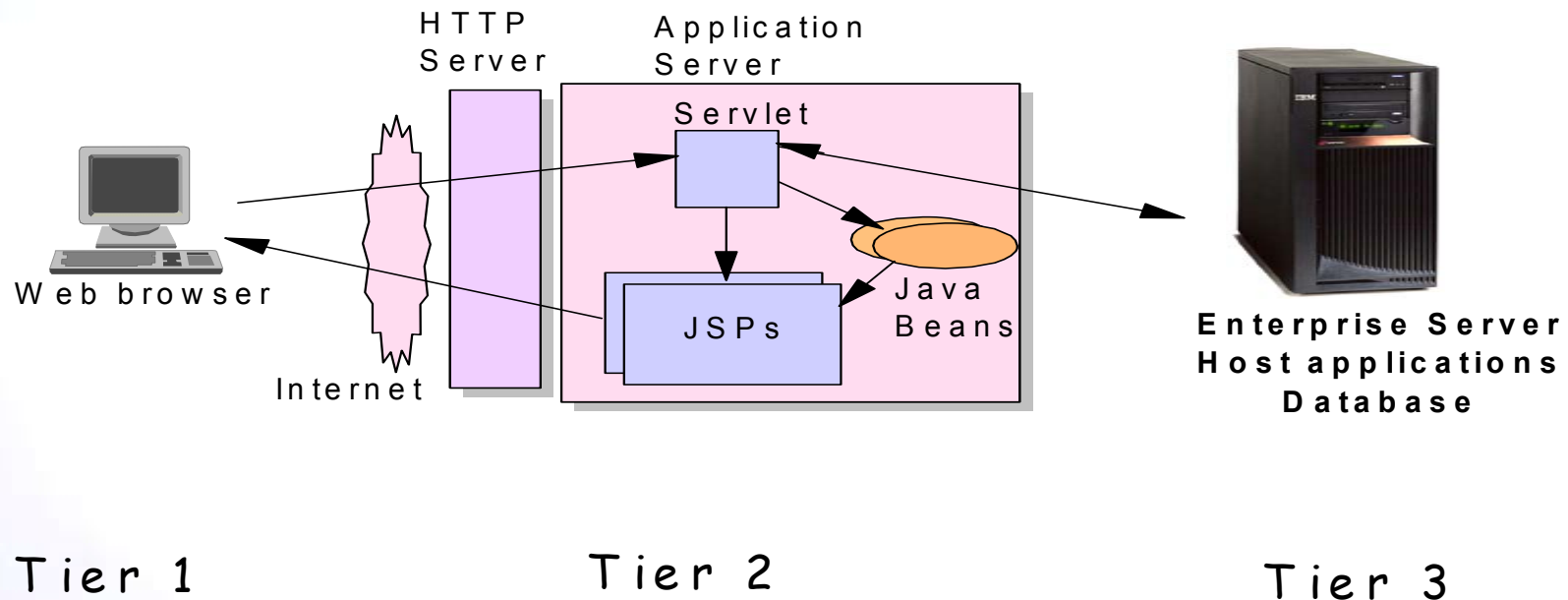
Supported Web Application Servers

• The IBM i Access for Web servlet code can be used with any of the following web application servers:

- Integrated web application server
- WebSphere® Application Server V7.0, V6.1 and V6.0 – Express for i
- WebSphere Application Server V7.0, V6.1 and 6.0 Base and Network Deployment
- WebSphere Application Server V5.1 - Express
- WebSphere Application Server V5.0 - Express
- WebSphere Application Server V5.1 and 5.0 Base and Network Deployment Editions
- ASF Tomcat **(V5R4 and earlier releases)**

• The IBM i Access for Web portlet code can be used with any of the following portal servers.

- IBM Workplace Services Express V2.6
- WebSphere Portal for Multiplatforms V6.0
- WebSphere Portal for Multiplatforms V5.1.0.1
- WebSphere Portal Express for Multiplatforms V5.0.2
- WebSphere Portal Express Plus for Multiplatforms V5.0

PTFs required for latest web app server and portal support:
http://www.ibm.com/systems/i/software/access/web/servicepacks.html

Integrated Web application server
What is it? Does IBM i Access for Web support it?

- **What is the IBM i integrated Web application server?**

  - **A web application engine much like ASF Tomcat**
  - **Uses minimal system resources, similar to ASF Tomcat**
  - **Minimal effort by an Administrator to maintain**
  - **V5R4 is the last release IBM i will contain ASF Tomcat**

- **How is it packaged?**

  - **5761-DG1 and 5722-DG1 IBM HTTP Server for i**
  - **Integrated Web application server 7.1 is available in the DG1 group PTF**
    - **V5R4 SF99114 level 13 or later**
    - **V6R1 SF99115 level 1 or later**

- **IBM i Access for Web support**
  - **V5R4 and V6R1 IBM i Access for Web support the IBM i integrated Web application server**
  - **V5R4 IBM i Access for Web can be installed and is supported on V5R4 and V5R3 IBM i**
  - **V6R1 IBM i Access for Web can be installed and is supported on V6R1 and V5R4 IBM i**

Integrated Web application server – V6R1 or V5R4 IBM i

IBM

User-created instance **(requires use of V6R1 IBM i Access for Web with V6R1 or V5R4 IBM i)**

1. Load/apply latest PTFs (review cover letters for any additional information)
   - V6R1 GA cumulative PTF package
   - V5R4 SF99114 group for product 5722-DG1
2. Load/apply latest V6R1 IBM i Access for Web PTF
   - V6R1 SI29664 or later
3. Start the Web Administration for i
   - STRTCPSVR SERVER(*HTTP) HTTPSVR(*ADMIN)
4. Use the Web Administration for i wizard to create an instance of the integrated Web application server and an HTTP web server.
   - http://<system_name>:2001/HTTPAdmin
     Follow the instructions in the doc on this page:
     http://www.ibm.com/systems/i/software/access/web/servicepacks.html

     Link: "*Configuring an Integrated Web Application Server Instance*"

4. Configure IBM i Access for Web
   - QSH
   - cd /QIBM/ProdData/Access/Web2/install
   - cfgaccweb2 –appsvrtype *INTAPPSVR –instance <instance_name>
6. Start integrated Web application server and HTTP web server using the Web Administration for i interface.
   - http://<system_name>:2001/HTTPAdmin
7. Open a browser to IBM i Access for Web using preconfigured HTTP:port
   - http://<system_name>:<port>/webaccess/iWAMain
8. Done!

Integrated Web application server – V5R3 or later IBM i

<u>Administrative instance and preconfigured HTTP web server</u>
(use V5R4 or V6R1 IBM i Access for Web with V5R3 or later IBM i)

1. Stop the Web Administration for i5/OS
   - ENDTCPSVR SERVER(*HTTP) HTTPSVR(ADMIN)
2. Load/apply latest PTFs (review cover letters for any additional information)
   - V6R1 GA cumulative PTF package
   - V5R4 SF99114 group for product 5722-DG1
   - V5R3 SF99099 group for product 5722-DG1
3. Load/apply latest IBM i Access for Web PTF
   - V6R1 SI29664 or later
   - V5R4 SI29607 or later
4. Configure IBM i Access for Web
   - QSH
   - cd /QIBM/ProdData/Access/Web2/install
   - cfgaccweb2 –appsvrtype *INTAPPSVR
5. Start the Web Administration for i5/OS
   - STRTCPSVR SERVER(*HTTP) HTTPSVR(*ADMIN)
6. Start preconfigured HTTP web server
   - STRTCPSVR SERVER(*HTTP) HTTPSVR(IWADFT)
7. Open a browser to IBM i Access for Web using preconfigured HTTP:port
   - http://<system_name>:2020/webaccess/iWAMain
8. Done!

Setting up your web application server

DMZ = demilitarized zone

Your users actually access these systems

Firewall

Firewall

Running here:
- **HTTP Server**
- **WAS, Integrated Web App Server, Tomcat**
- **IBM i Access for Web**
  - ➢ **"Target Server" parameter**

Install Access for Web (RSTLICPGM)
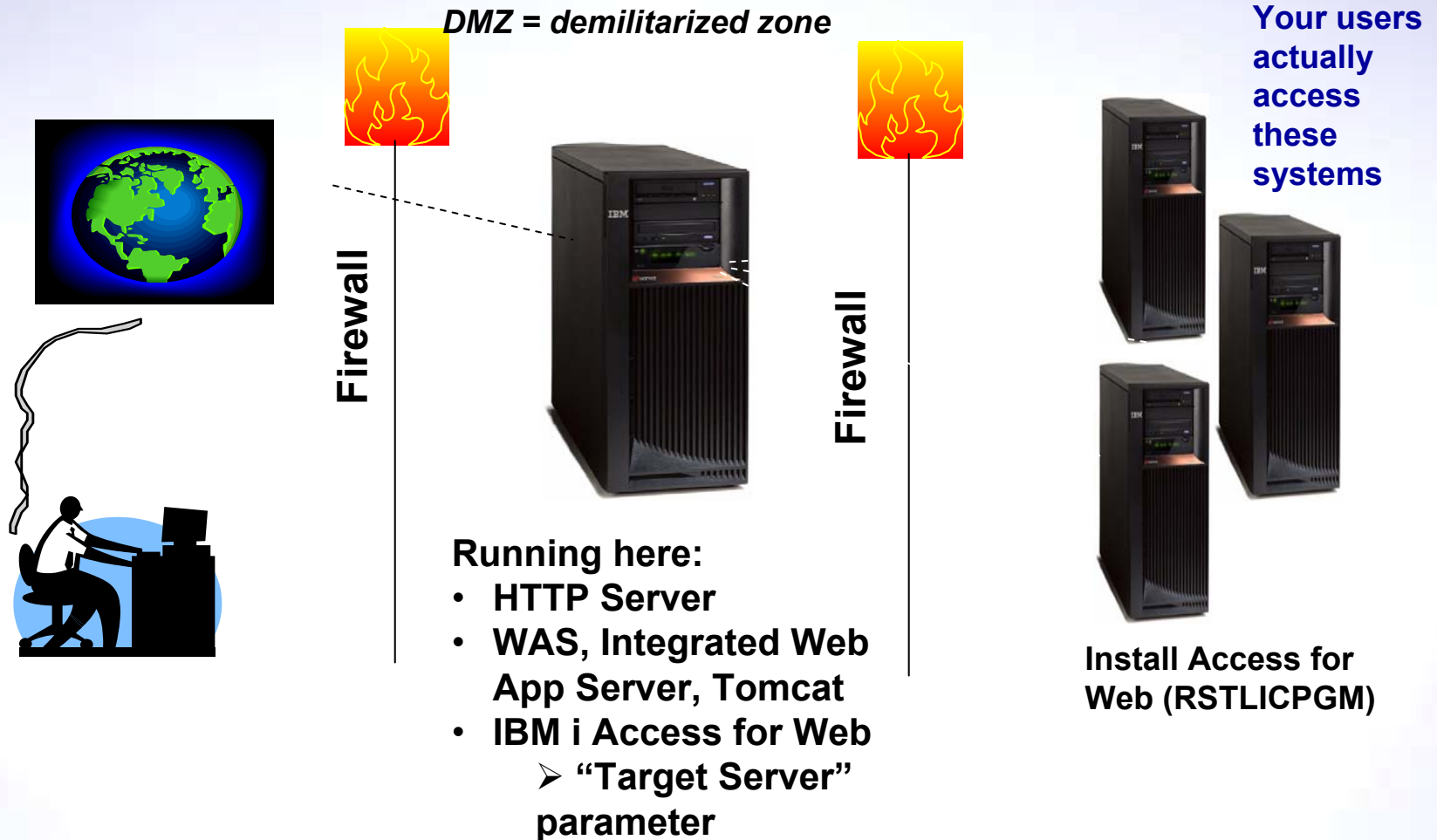
Only need to set up one web application server

Port Requirements Comparison

IBM i Access for Windows (5722-XE1)*

- Port 449 for Port Mapper
- Port 8476 (9476) for Sign-on
- Port 8470 (9470) for Central
- Port 8472 (9472) for Data Queues
- Port 8471 (9471) for Database
- Port 8475 (9475) for Remote Commands
- Port 8473 (9493) for Print
- Port 2001 (2010) for Web Admin
- Port 446 (448) for DDM
- Port 23 (992) for Telnet
- Port 137, 138 for NetServer
- Port 389 (636) for LDAP
- Port 5555 (5566) for Mgmt Central
- Port 53 if using DNS Server

IBM i Access for Web (5722-XH2)

- Port 80 (or any other port) for HTTP Server
- Port 443 (or any other port) for HTTPS Server

*See Information APAR II12227 for detailed information

Get IBM i Access for Web running

- **Get a copy of the IBM i Access for Web Install & Users Guide**
  - **http://www.ibm.com/systems/i/software/access/web/doc.html**

- **Install IBM i Access for Web from your IBM i stacked media.**
  - **RSTLICPGM - Install Access for Web, 5722-XH2, into QIBM directory**

- **Configure and start IBM i Access for Web.**
  - **CFGACCWEB2 - Configure the IBM i Access for Web application server**
  - **STRACCWEB2 - Start the IBM i Access for Web application server.**

- **Set some policies to enable or limit access to various functions of Access for Web**

Home Page entry point

Home Page = http://<myiseries>:<port>/webaccess/iWAHome

- **System i Access for Web 'Home Page' out-of-the-box view**

- **This page is totally customizable**

New 'look' in V5R4…

Customized Home Page

Customized view of the Home Page

- **Could be used as 'entry' point to IBM i**

- **Let's drill down and look at some of this…**

http://iseriesd.demos.ibm.com/webaccess/iWAHome

Try out IBM i Access for Web on a demo server!

Start your browser and connect to the following web site:
http://iseriesd.demos.ibm.com/webaccess/iWAHome (case sensitive)

User ID = WACUST **Password = demo2pwd**	**This shows the basic look of IBM i Access for Web as we ship it. You can try various functions -- including working with printer output, creating database requests, etc. Click on the 5250 tab, sign onto the IBM i, then start an RPG application called BOATS and run it.**
User ID = BOATADMIN **Password = demo2pwd**	**This is an example of how a customer might design a web page for their use. You will see that an end user could start the same BOATS application by clicking on the 5250 session, or they could have used HATS to run the application. You will also see other links that would let a user work with spooled file information, work with IFS, run database requests, etc..**

Send email to: LLHIRSCH@us.ibm.com to reset the user profiles if either gets disabled.

System i Access for Web has many entry points

'URL Interfaces to System i Access for Web' manual available on the web

http://<myiseries>/webaccess/iWAMain

- **Can enter at many different pages**

- **Can use navigation bar to move from function to function**

http://<myiseries>/webaccess/iWA5250

http://<myiseries>/webaccess/iWASpool

Reduce functions you give to users
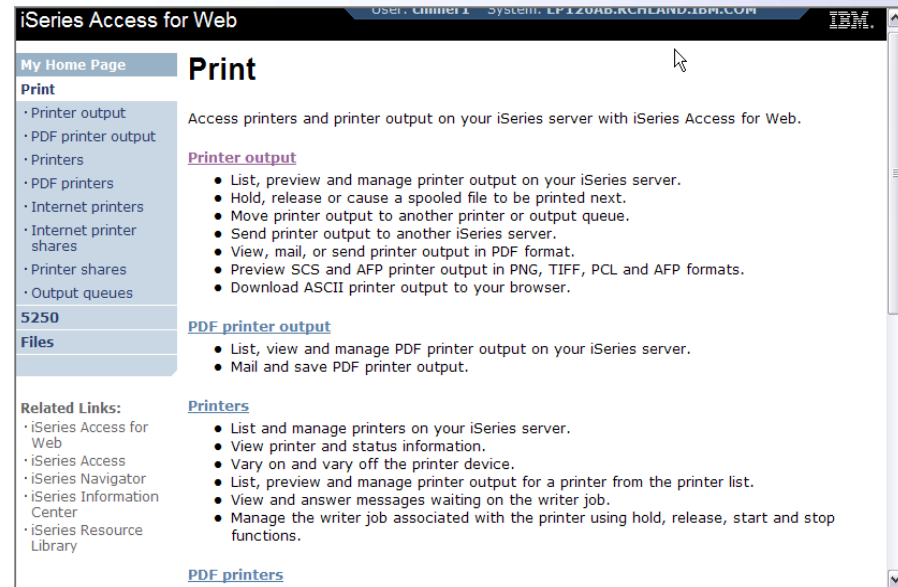
Reduce tabs that get displayed

Reduce options under tabs
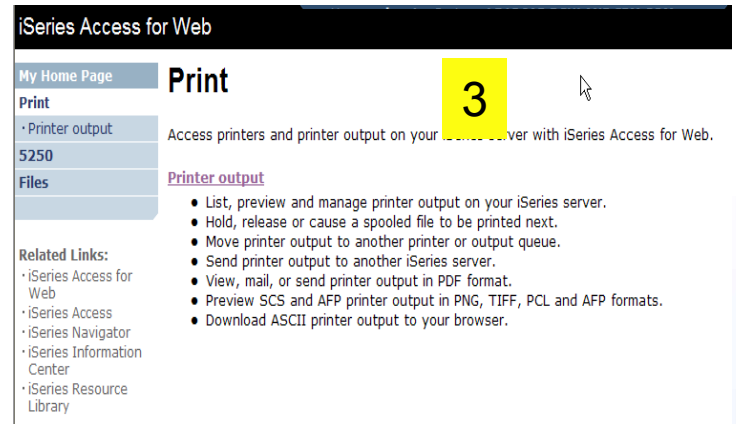
Control user access to functions

My Home Page
⊞ **My Folder**
Print
Messages
Jobs
5250
Database
Files
Command
Download
Customize
· Preferences
· Policies
· Settings
· Transfer
  configuration
Other
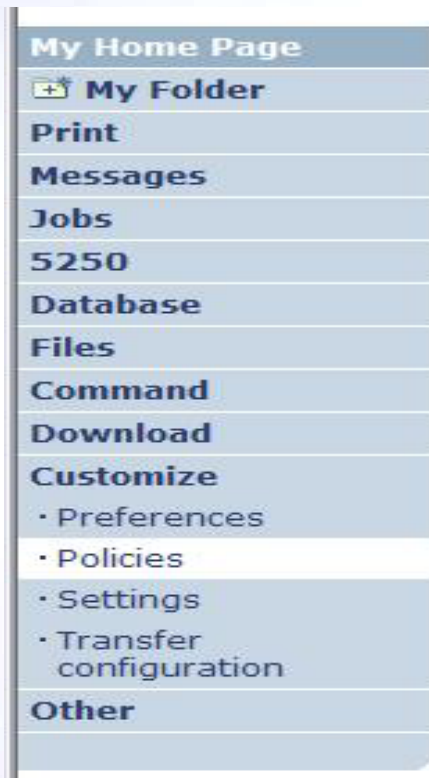
1. **How do I keep my users from using all these functions?**

2. **How do I set up the environment for my users?**

3. **Should I let my users set have some individual screen settings for some functions?**

You need *SECADM authority to customize profiles

System i Access for Web uses IBM i User Profiles

When an System i Access for Web user attempts to access any function on the IBM i, the following sequence of checks are made to authenticate user access:

- **User profile**
- **Group profile(s)**
- ***PUBLIC profile**

*PUBLIC profile is the set of default policy settings shipped with Access for Web

- **The defaults allow most functions to be available to all users**

The settings in these policies indicate what functions within System i Access for Web, a user can attempt to use.

- **For Example: Let's say you give users full access to the 'Database' tab.**
- **You have Object Level authority set up on your data**
- **When a user attempts to use one of the System i Access for Web Database GUIs to get at the database information, the user will get an IBM i message indicating they are not authorized to access data**

Customize → Policies

Policies are used to control access to System i Access for Web functions

For example:

- **A Files access policy can be set to Deny or restrict a user or group from accessing the file function.**

- **Policies are saved and associated with the appropriate IBM i user or group profile.**

- **Each 'Category' expands for granular control**

Policies

Profile: **CMINER1**

Action	Category	Description	Access
✎	5250	5250 user interface custom settings.	Allowed
✎	Command	Run batch command custom settings.	Allowed
✎	Customize	Preferences and policy administration custom settings.	Allowed
✎	Database	Database tables, requests, and run SQL custom settings.	Allowed
✎	Database connections	Create and edit database connection definitions.	Allowed
✎	Download	Download packages custom settings.	Allowed
✎	Files	Integrated file system and file share custom settings.	Allowed
✎	General	Page layout, language and character set custom settings.	Allowed
✎	Jobs	Work with jobs custom settings.	Allowed
✎	Mail	Send mail custom settings.	Allowed
✎	Messages	Display messages, send messages, and message queue custom settings.	Allowed
✎	My Folder	My Folder custom settings.	Allowed
✎	Print	Printer output, printers, printer shares and output queue custom settings.	Allowed
✎	Sametime	Lotus Sametime custom settings.	Allowed
✎	Other	Change password and other miscellaneous custom settings.	Allowed

Left navigation: My Home Page, My Folder, Print, Messages, Jobs, 5250, Database, Files, Command, Download, Customize (Preferences, Policies, Settings, Transfer configuration), Other

Related Links: iSeries Access for Web, iSeries Access, iSeries Navigator, iSeries Information Center

Policies - customize for all users at once

One alternative…

Use the *PUBLIC group profile and set policies for all users

- **'Deny' functions for all users in a single step**
- **Then 'Allow' specific users access to functions via their User or Group profiles**

Problem:

You're locked out too, until you go in and "Allow" functions for yourself

- My Folder
- Print
- Messages
- Jobs
- 5250
- Database
- Files
- Commands
- Customize
- Downloads
- Mail

System i Access for Web 5250 Interface

Runs as an interactive job

– Only function in System i Access for Web that is interactive

TN5250 port

– Only function in System i Access for Web that uses TN5250 port

Use "Start Session" Dynamically

- Specify the system to connect

- Select the session attributes
  - Port, code page, workstation ID, etc.

- Start session

Run Pre-Configured 5250 Sessions

You can limit users to connecting to only specific systems or running only specific applications.

http://<systemi>:<port>/webaccess/iWAMain

- Create preconfigured 5250 sessions

- Then set policies to restrict users to only preconfigured sessions

- User selects 'Configured Sessions'
  - Only link provided
  - User has only one action → to start a session

Change look of 5250 session

1. **Default 'web' look**
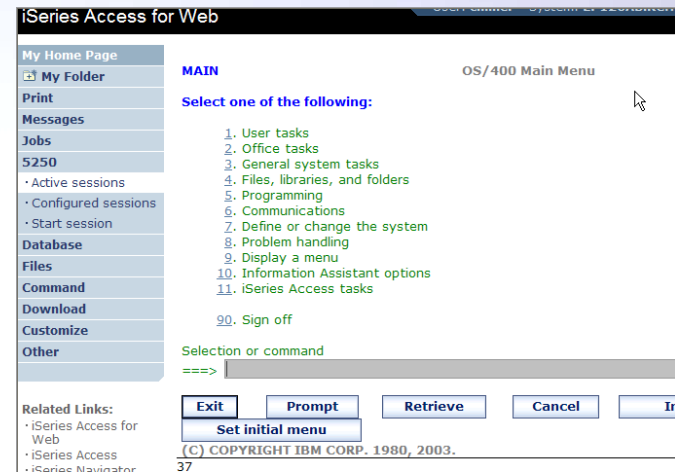
2. **Changed colors, added keypad at side, changed buttons at bottom to words**
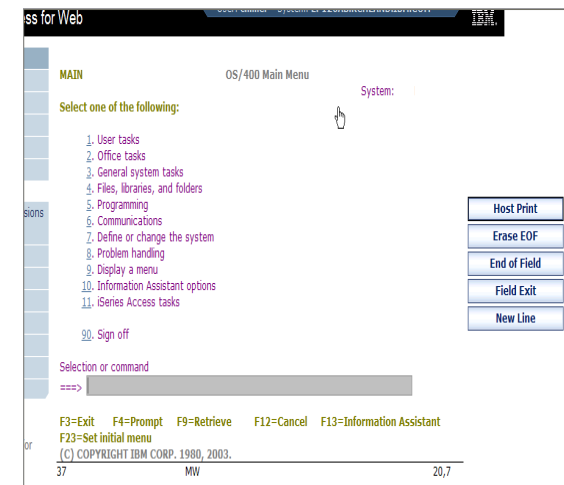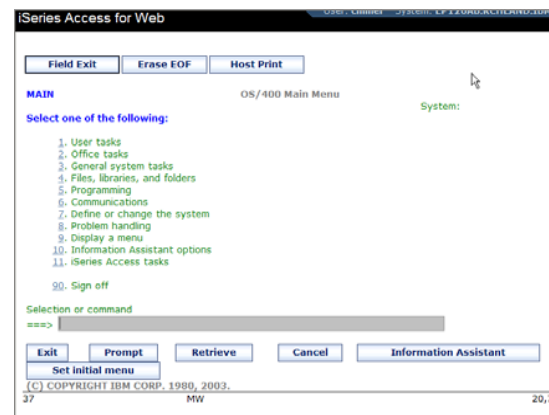
3. **Removed navigation bar, put keypad on top**

4. **Selected 'traditional' view, removed navigation bar**

Use IPP Printing instead of PC5250 Printer Emulation

Traditional PC5250 Printer emulation is not supported with IBM
i Access for Web 5250.

Instead, consider using IPP printing as a remote print strategy:

• Internet Printing Protocol (IPP) printing allows you to send print information
over the Internet or intranet. IPP is a versatile printing method, and is
supported by a variety of printers and network adapters.

• You can also send print information using IPP to any i5/OS printer (even if the
printer does not support IPP) by using the IBM IPP server for i5/OS.

Go to the Info Center http://publib.boulder.ibm.com/iseries/
and search on "Internet Printing Protocol"

- My Folder
- Print
- Messages
- Jobs
- 5250
- Database
- Files
- Commands
- Customize
- Downloads
- Mail

Download Database Information from IBM i

Run SQL allows you to run SQL statements
- **Could copy/paste complex SQL statements in here...**

Variety of output types
- **PDF, Excel, 1-2-3, XML, etc**

Destination
- **Browser**
- **Mail as attachment**
- **Personal Folders**
- **IFS (new V5R4)**

Can save request
- **My Requests, Give Shortcut to others**

SQL Wizard if you don't know SQL

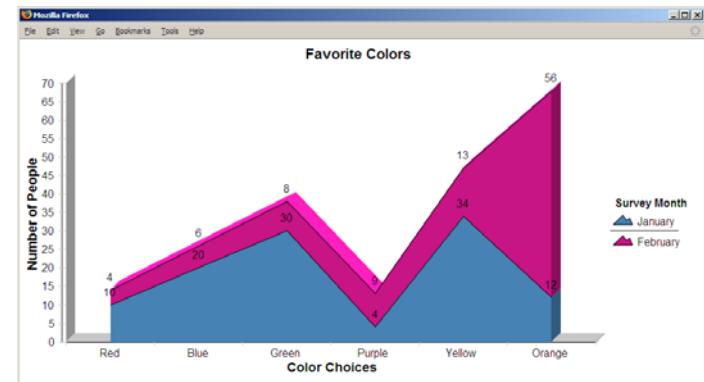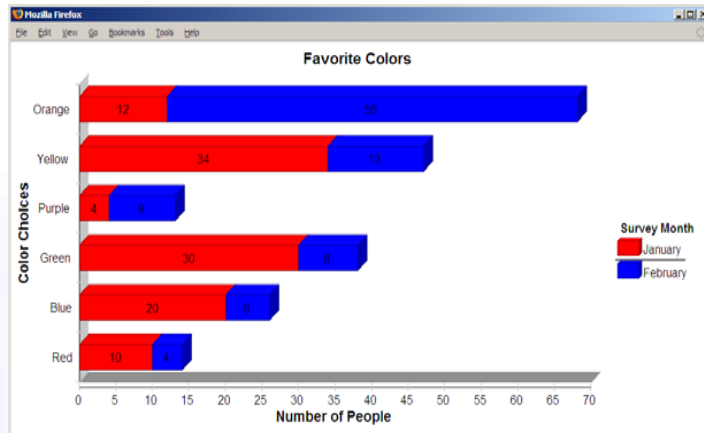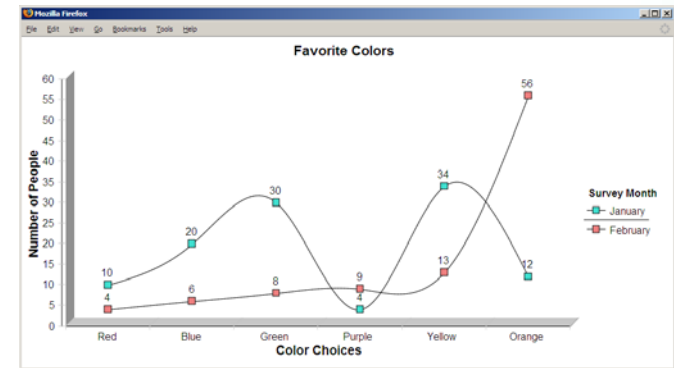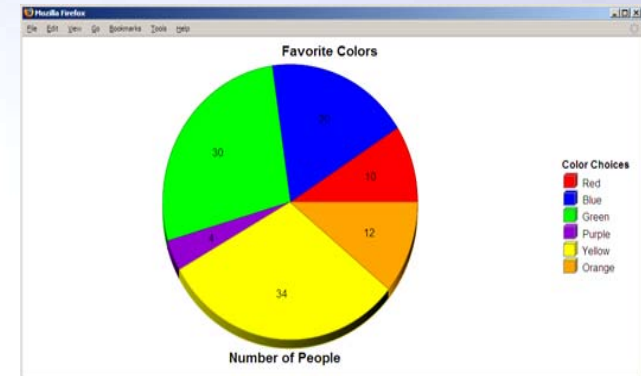# Create Database Requests with SQL Wizard

SQL Wizard enables you to:

- Select **tables**

- Select which **columns** to return

- Add **conditions** to your select statement

- Select the columns by which you want the data **sorted**

Chart SQL results: SVG File Format

- **Support for new output file type in V6R1**
  - Scalable Vector Graphics Chart (*.svg)
    - Language for describing 2D graphics in XML
    - W3C standard
  - Users can store SQL results in a chart

Printing

- My Folder
- **Print**
- Messages
- Jobs
- 5250
- Database
- Files
- Commands
- Customize
- Downloads
- Mail

Work with Printer Output, Printers, Queues

Typical end user printer tasks

- **Printer Output**
- **PDF Printer Output**

Tasks more oriented toward system operators, administrators, programmers, etc

- **Printers**
- **PDF Printers**
- **Internet Printers**
- **Internet Printer Shares**
- **Printer Shares**
- **Output Queues**

Work with Printer Output

http://<myiseries>/webaccess/iWASpool

My 'printer output'

Actions include:
- **Work with**
- **View**
- **View As**
- **View PDF**

Easy-to-use GUI for working with my printer output

- **Don't need to sign onto a 5250 session, and run commands to get to spool file**

Note: IBM Infoprint Server (57xx-IP1) is NOT needed to use "View PDF"

Printer Output - Spoolfile

1. **Requested 'View PDF'**

   - **Can select any option on pulldown for my printer output**
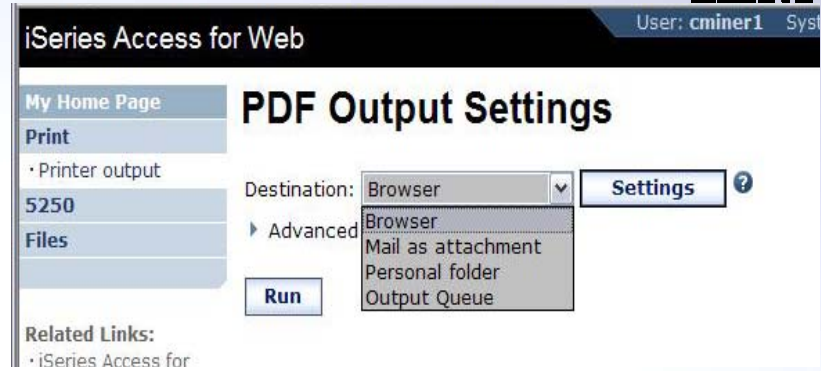
2. **View in Browser**

   - **Shows overlays, etc**

   - **Can print on any printer in network**
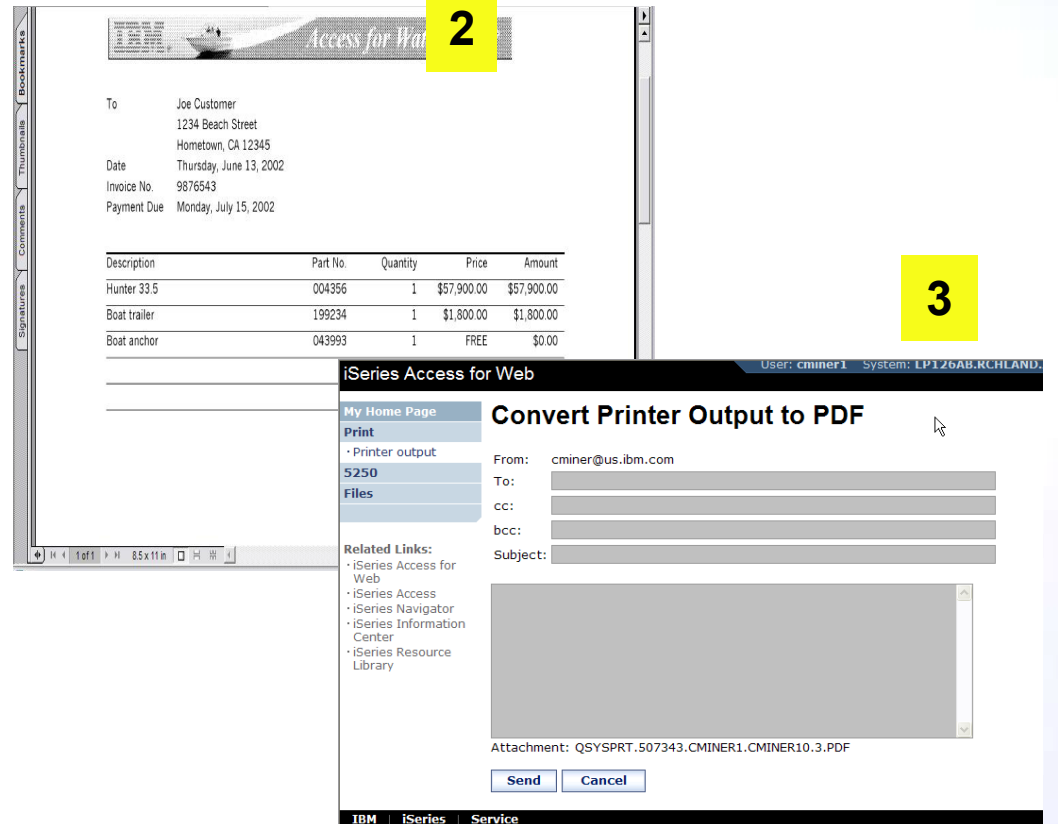
3. **Send .PDF document in an email**

   - **Mail server does not have to be installed on IBM i**

Environment Security Considerations

System i Access for Web Environment

Web Browser — HTTP — **HTTP Server** — **Application Server** (System i Access for Web) — TN5250, sockets — **IBM i host servers 5250 applications Database**
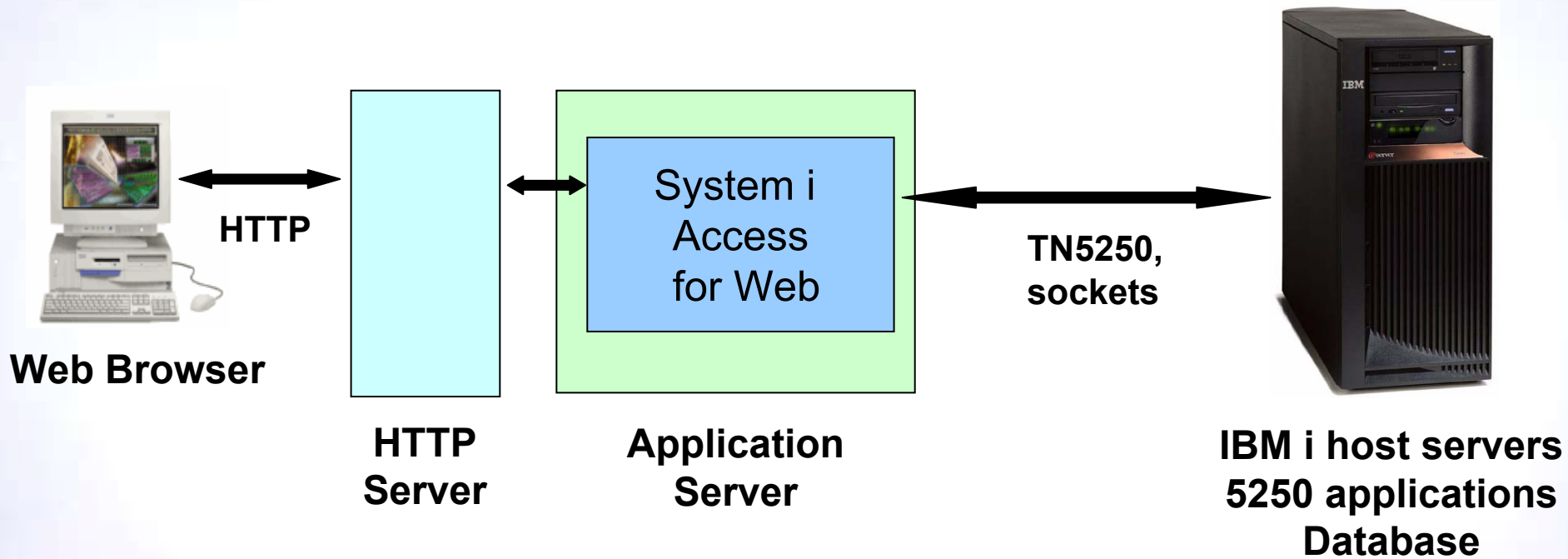
System i Access for Web Environment (continued)

HTTP or HTTPS

System i Access for Web

sockets
IBM i host server ports
telnet port
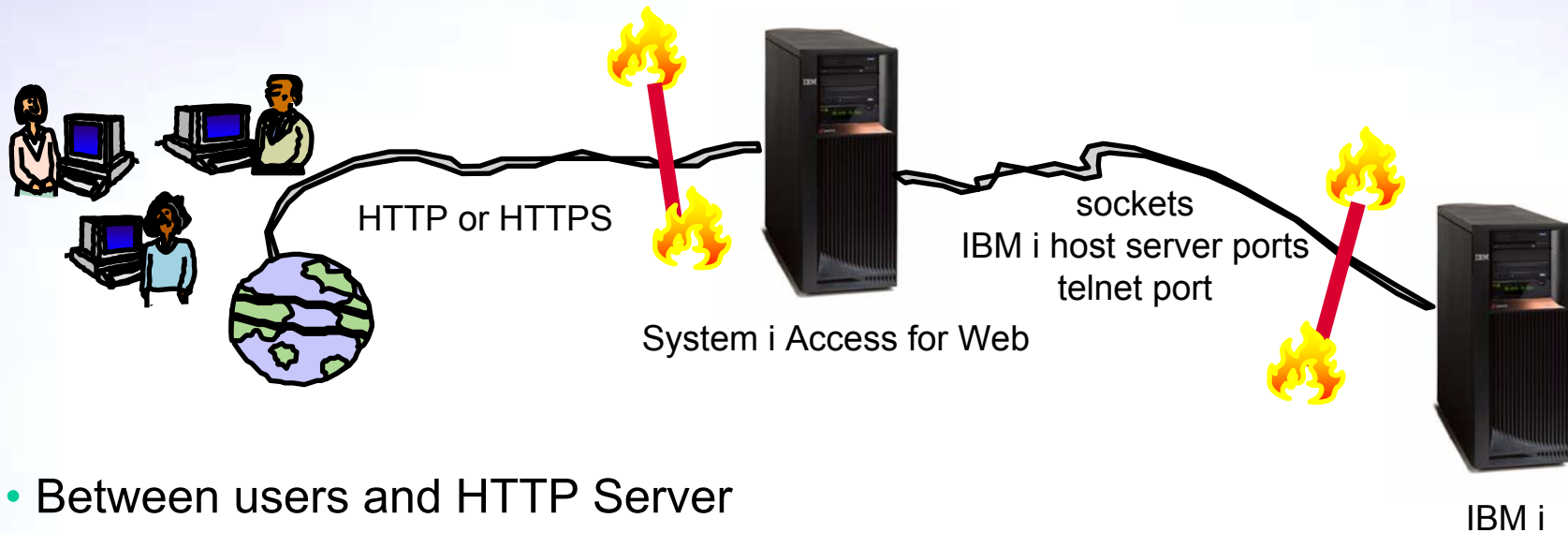
IBM i

- Between users and HTTP Server
  - Secure Socket Layer (SSL)
  - Virtual Private Networking (VPN)
  - Firewalls
- Between System i Access for Web and IBM i
  - VPN
  - Firewalls

Secure Sockets Layer

- Used for data confidentiality between Web browser and HTTP server
  - Digital certificates used to determine trust relationships
  - Point to Point encryption for all data (PC App to Server App)
  - Part of the standard HTTPS protocol

- See Info Center for specific details on Configuration and Setup.
  - See the "Configure WebSphere Security" topic

- Levels of SSL
  - TLSv1, SSLv3 recommended, use 128-bit or higher
  - SSLv2 should not be used anymore. Disable in clients and server (APAR SE25734)

Virtual Private Networking

- Used for data confidentiality between Web browser and HTTP server
  - Digital certificates and User authorization used establish tunnel
  - End to End encryption for all data   (PC to Server tunnel)
  - Allows any protocol, including standard HTTP

- See Info Center for specific details on Configuration and Setup.
  - See the "Virtual Private Networking" topic

- Redbooks
  - IBM System i Security Guide for IBM i5/OS® Version 5 Release 4 (SG24-6668-01)
  - OS/400 V5R2 Virtual Private Networks (REDP-0153-01)

Security Options: Authorization and Authentication

- How does the user authenticate to System i Access for Web?
- How does System i Access for Web authenticate with IBM i?
- System i Access for Web in a WebSphere Single Signon (SSO) environment
- Special considerations for 5250

Authorization

- Authorization is verifying that authenticated users have permission to access requested resources

- System i Access for Web uses the IBM i user profile and object level security to authorize access to IBM i resources

- System i Access for Web provides application level control of access to functions through policies
  - Policies can be administered at the IBM i user and group profile levels

My Home Page
My Folder
Print
Messages
Jobs
5250
Database
Files
Command
Download
Customize
• Preferences
• Policies
• Settings
• Transfer configuration
Other

Policies

Profile: JHANSEN

Action	Category	Description	Access
✎	5250	5250 user interface custom settings.	Allowed
✎	Command	Run batch command custom settings.	Allowed
✎	Customize	Preferences and policy administration custom settings.	Allowed
✎	Database	Database tables, requests, and run SQL custom settings.	Allowed
✎	Database connections	Create and edit database connection definitions.	Allowed
✎	Download	Download packages custom settings.	Allowed
✎	Files	Integrated file system and file share custom settings.	Allowed
✎	General	Page layout, language and character set custom settings.	Allowed
✎	Jobs	Work with jobs custom settings.	Allowed
✎	Mail	Send mail custom settings.	Allowed
✎	Messages	Display messages, send messages, and message queue custom settings.	Allowed

Authentication

- Authentication is verifying the identity of the user

- System i Access for Web supports two types of authentication
  - Application
    - System i Access for Web handles the authentication
  - Application Server
    - WebSphere Application Server handles the authentication

- Specified by the AUTHTYPE parameter on the CFGACCWEB2 command
  - Application: AUTHTYPE(*APP)
  - Application Server: AUTHTYPE(*APPSVR)

Application Authentication

- System i Access for Web handles authentication

- IBM i user profile and password
  - Hostname specified by the TGTSVR parameter on the CFGACCWEB2 command

- Method: HTTP basic authentication
  - RFC2617
  - User profile and password are encoded (not encrypted) in the HTTP headers and should be protected
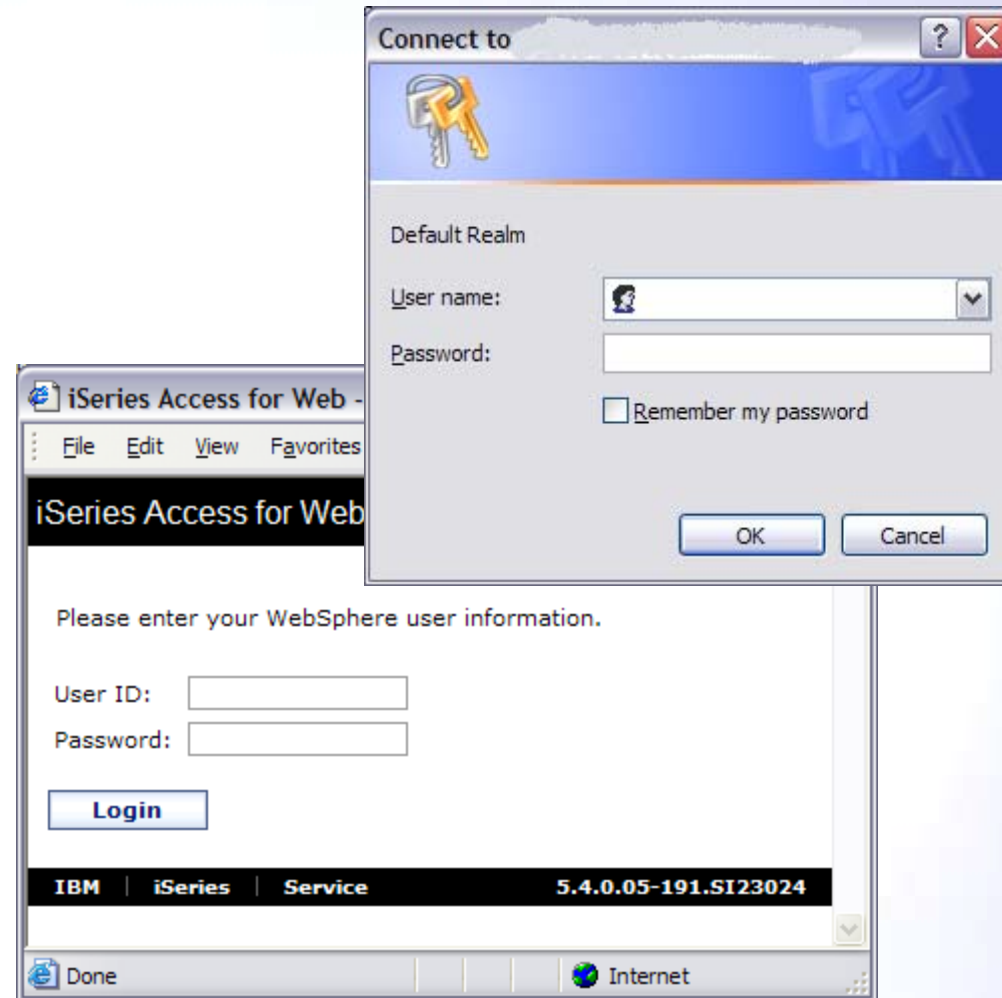
Application Server Authentication

- WebSphere handles authentication

- WebSphere credentials
  - Typically a user ID and password
  - Can be Windows domain login information (new in V6R1)
    - Kerberos-based
    - Requires WebSphere Application Server V6.1 or later
  - Authenticated with the active WebSphere user registry

- Specified by the AUTHTYPE parameter on the CFGACCWEB2 command
  - Application Server Authentication: AUTHTYPE(*APPSVR)

- WebSphere provides different methods of gathering credentials
  - Applications can choose which methods to support

Application Server Authentication (continued)

- **System i Access for Web supports three methods of gathering credentials**
  - **HTTP basic authentication**
    - **User ID and password are encoded (not encrypted) in the HTTP headers and should be protected**
  - **Form-based authentication**
    - **User ID and password are clear text and should be protected**
  - **Kerberos-based authentication (V6R1)**
    - **Windows domain login information sent via Simple and Protected GSS-API Negotiation Mechanism (SPNEGO)**
    - **No additional prompt for user credentials**

- **Specified by the AUTHMETHOD parameter on the CFGACCWEB2 command**
  - HTTP basic authentication: AUTHMETHOD(*BASIC)
  - Form-based authentication: AUTHMETHOD(*FORM)
 - Kerberos-based authentication: AUTHMETHOD(*KERBEROS)

Application Server Authentication Authorization

- HTTP basic authentication and form-based authentication
  - System i Access for Web uses Enterprise Identity Mapping (EIM) to map the authenticated WebSphere user identity to an IBM i user profile
    - System i Access for Web identifies the user by the mapped IBM i user profile
    - IBM i user profile is used to authorize access to IBM i resources using object level security

- Kerberos-based authentiation
  - System i Access for Web uses Kerberos-based credentials to authenticate with IBM i
    - IBM i uses Network Authentication Service (NAS) and EIM to map the Kerberos-based identity to an IBM i user profile
    - System i Access for Web identifies the user by the mapped IBM i user profile
    - IBM i user profile is used to authorize access to IBM i resources using object level security

Application Server Authentication
Configure System i Access for Web

- Configure System i Access for Web
  - CFGACCWEB2 AUTHTYPE(*APPSVR) AUTHMETHOD(*FORM) …

  - CFGACCWEB2 AUTHTYPE(*APPSVR) AUTHMETHOD(*KERBEROS) …
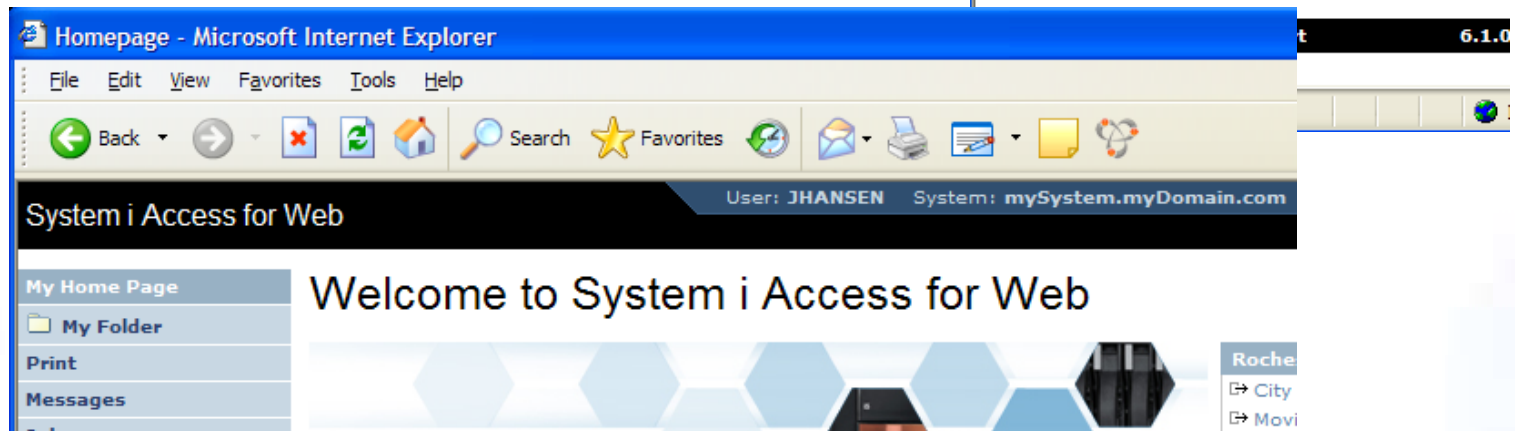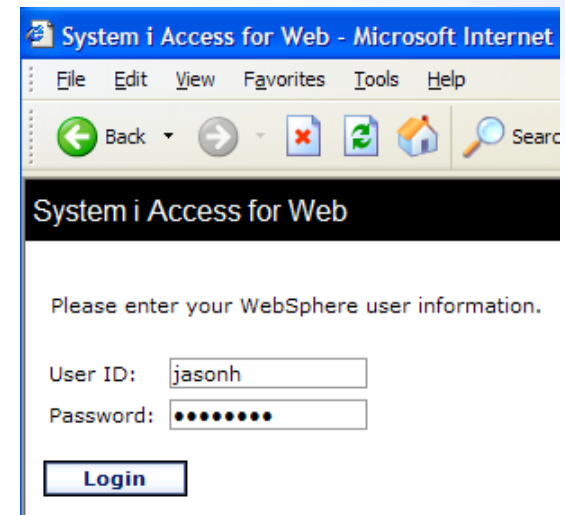
5250 Sessions

- 5250 sessions can be started to any system running IBM i

- Must provide user profile and password on IBM i Sign On screen

5250 Session Bypass Signon

- QRMTSIGN system value must be *VERIFY

- Select bypass signon when starting or configuring a session

Configure New Session

General
Session: mySession * required
Default view: Web
Initial macro:
☑ Bypass signon
☐ Display HTML data in fields
☑ Enable advanced JavaScript functions

System
System: mySystem.myDomain.com
Port: 23

Start Session

System
System: mySystem.myDomain.com
Port: 23
Code page: 37

Workstation ID
○ Use user ID
⦿ Specify workstation ID
☐ Avoid duplicates for this user
☑ Avoid duplicates with other users

General
Initial macro:
☑ Bypass signon
☐ Display HTML data in fields

Start Session

- System i Access for Web must be configured for application authentication or application server authentication with Kerberos for bypass signon to be available
  - CFGACCWEB2 AUTHTYPE(*APP) …
  - CFGACCWEB2 AUTHTYPE(*APPSVR) AUTHMETHOD(*KERBEROS) … (V6R1 Access for Web and WAS 6.1 or later)

5250 Session
Signon Macro

- Select as initial macro when configuring a session

- System i Access for Web must be configured for application authentication or application server authentication with Kerberos for bypass signon to be available
  - CFGACCWEB2 AUTHTYPE(*APP) …
  - CFGACCWEB2 AUTHTYPE(*APPSVR) AUTHMETHOD(*KERBEROS) …

- Signon macro advantageous for V5R3 Access for Web, since Bypass signon was provided in V5R4

Configure New Session

General

Session: mySession   * required

Default view: Web

Initial macro: Signon

☐ Bypass signon

☐ Display HTML data in fields

☑ Enable advanced JavaScript functions

Server

Server: mySystem.myDomain.com

Questions?

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