

z/OS Documentation:

Navigating IBM Knowledge Center and Beyond

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Agenda

- Overview of IBM Knowledge Center
- Getting Started
- Navigating Content and the Table of Contents View
- Creating Customized Views and Documents with the My Collections View
- Social Features
- Searching Content and the Search Results View
- Using Multiple Tools and Methods to Enhance Search Results
- New and Upcoming Documentation Solutions

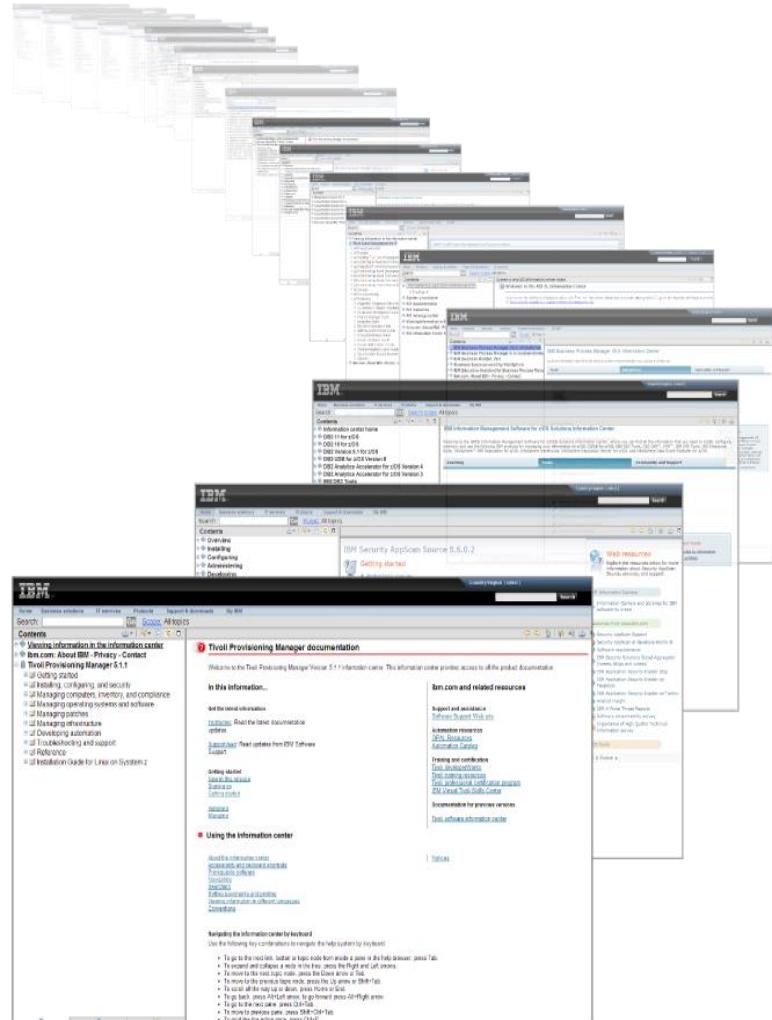


Overview of IBM Knowledge Center

IBM technical publications at ibm.com:
A large volume of documentation

Information centers: Technical publications

- More than 2200 IBM products
- More than 850 individual URLs at ibm.com
- More than 60M individual pages
- More than 30 languages across information centers
- More than 60M total unique visitors per year
- More than 200M internal search queries (queries within the information center search framework, not organic searches to get to the information center) per year



Information centers: User experience

- Too many individual sites to work with multiple IBM products
- Inconsistent user experience from information center to information center
- Potentially poor search relevance, and searching is impossible across product information centers
- Performance and availability issues



IBM Knowledge Center: One stop shopping for all IBM documentation

IBM Knowledge Center is one central repository that contains ALL IBM product documentation. It contains all the existing information centers and other materials in a single application, at a single URL.

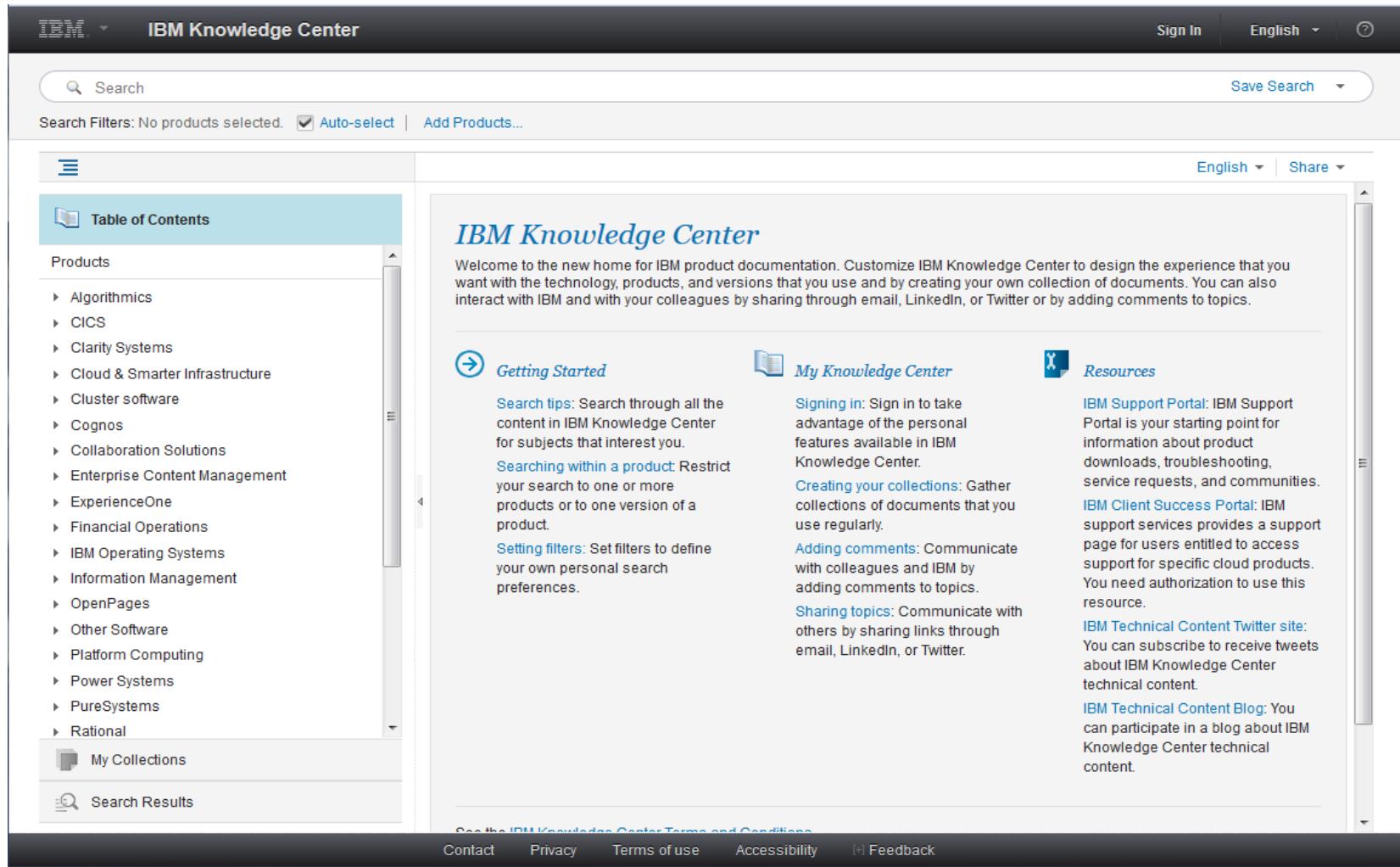


The screenshot shows the IBM Knowledge Center interface. The top navigation bar includes the IBM logo, 'IBM Knowledge Center', a search bar, and user information for 'Toshiba Johnson' in 'English'. The main content area displays the 'IBM API Management welcome page'. The page features a large central text block with the title 'IBM API Management welcome page', followed by descriptive text and links to 'Table of Contents', 'IBM API Management 4.0.x', 'IBM API Management 3.0.x', 'IBM API Management 3.0.0', and 'IBM API Management 2.0.0'. To the right, there are three columns: 'Learn more' (links to Redbooks, Explore IBM Systems, IBM Cloud Computing, Redbooks, developerWorks, and developerWorks), 'Find support' (links to IBM Support Portal, IBM Software Support, IBM Client Success Portal, and IBM Passport Advantage), and 'Stay current' (links to IBM security bulletins and Subscribe to feeds from developerWorks). The sidebar on the right contains sections for 'developerWorks' (links to 5 Things To Know About IBM API Management, Faster forward video series, and IBM API Management architecture), 'Redbooks' (links to Exposing and Managing Enterprise Services with IBM API, Exposing and Managing Enterprise Services with IBM API, and Integration Throughout and Beyond the Enterprise), and 'White papers' (links to IBM Techdocs White Paper: WebSphere z/OS Optimized Local and IBM Techdocs White Paper).

Getting Started

Opening IBM Knowledge Center

IBM Knowledge Center: www.ibm.com/support/knowledgecenter/



The screenshot shows the IBM Knowledge Center homepage. The top navigation bar includes the IBM logo, a search bar, and links for 'Sign In', 'English', and a help icon. The main content area features a 'Table of Contents' sidebar on the left with sections for various IBM products like Algoritmics, CICS, and Rational. The main content area has a title 'IBM Knowledge Center' and a welcome message. It includes sections for 'Getting Started' (with tips for search, filters, and products), 'My Knowledge Center' (for collections and comments), and 'Resources' (including links to the Support Portal, Client Success Portal, Technical Content Twitter site, and Technical Content Blog). The footer contains links for 'Contact', 'Privacy', 'Terms of use', 'Accessibility', and 'Feedback'.

IBM Knowledge Center

Search

Save Search

Sign In

English

Table of Contents

Products

- Algoritmics
- CICS
- Clarity Systems
- Cloud & Smarter Infrastructure
- Cluster software
- Cognos
- Collaboration Solutions
- Enterprise Content Management
- ExperienceOne
- Financial Operations
- IBM Operating Systems
- Information Management
- OpenPages
- Other Software
- Platform Computing
- Power Systems
- PureSystems
- Rational

My Collections

Search Results

IBM Knowledge Center

Welcome to the new home for IBM product documentation. Customize IBM Knowledge Center to design the experience that you want with the technology, products, and versions that you use and by creating your own collection of documents. You can also interact with IBM and with your colleagues by sharing through email, LinkedIn, or Twitter or by adding comments to topics.

Getting Started

Search tips: Search through all the content in IBM Knowledge Center for subjects that interest you.

Searching within a product: Restrict your search to one or more products or to one version of a product.

Setting filters: Set filters to define your own personal search preferences.

My Knowledge Center

Signing in: Sign in to take advantage of the personal features available in IBM Knowledge Center.

Creating your collections: Gather collections of documents that you use regularly.

Adding comments: Communicate with colleagues and IBM by adding comments to topics.

Sharing topics: Communicate with others by sharing links through email, LinkedIn, or Twitter.

Resources

IBM Support Portal: IBM Support Portal is your starting point for information about product downloads, troubleshooting, service requests, and communities.

IBM Client Success Portal: IBM support services provides a support page for users entitled to access support for specific cloud products. You need authorization to use this resource.

IBM Technical Content Twitter site: You can subscribe to receive tweets about IBM Knowledge Center technical content.

IBM Technical Content Blog: You can participate in a blog about IBM Knowledge Center technical content.

Contact Privacy Terms of use Accessibility Feedback

Signing in to IBM Knowledge Center

Sign in to IBM Knowledge Center using your ibm.com user ID and password. Among other benefits, signing in allows you to save search queries and create persistent, personalized collections.

The screenshot shows the IBM Knowledge Center homepage. A yellow callout box points to the 'Sign In' button in the top right corner of the header. Another yellow callout box points to the 'Register' button on the 'Sign In' dialog box.

Click **Sign In** to log in to IBM Knowledge Center.

Click **Register** to create an ibm.com user ID and password.

IBM Knowledge Center

Welcome to the new home for IBM product documentation. Customize IBM Knowledge Center to design the experience that you own collection of documents. You can also filter or by adding comments to topics.

Sign In

* IBM ID: * Password:

[Forgot IBM ID?](#) [Forgot password?](#)

Register **Submit** **Cancel**

Resources

- IBM Support Portal:** IBM Support Portal is your starting point for information about product downloads, troubleshooting, service requests, and communities.
- IBM Client Success Portal:** IBM support services provides a support page for users entitled to access support for specific cloud products. You need authorization to use this resource.
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IBM Knowledge Center

Search

Search Filters: No products selected. Auto-select | Add Products...

Table of Contents

Products

- Algoritmics
- CICS
- Clarity Systems
- Cloud & Smarter Infrastructure
- Cluster software
- Cognos
- Collaboration Solutions
- Enterprise Content Management
- ExperienceOne
- Financial Operations

Power Systems

PureSystems

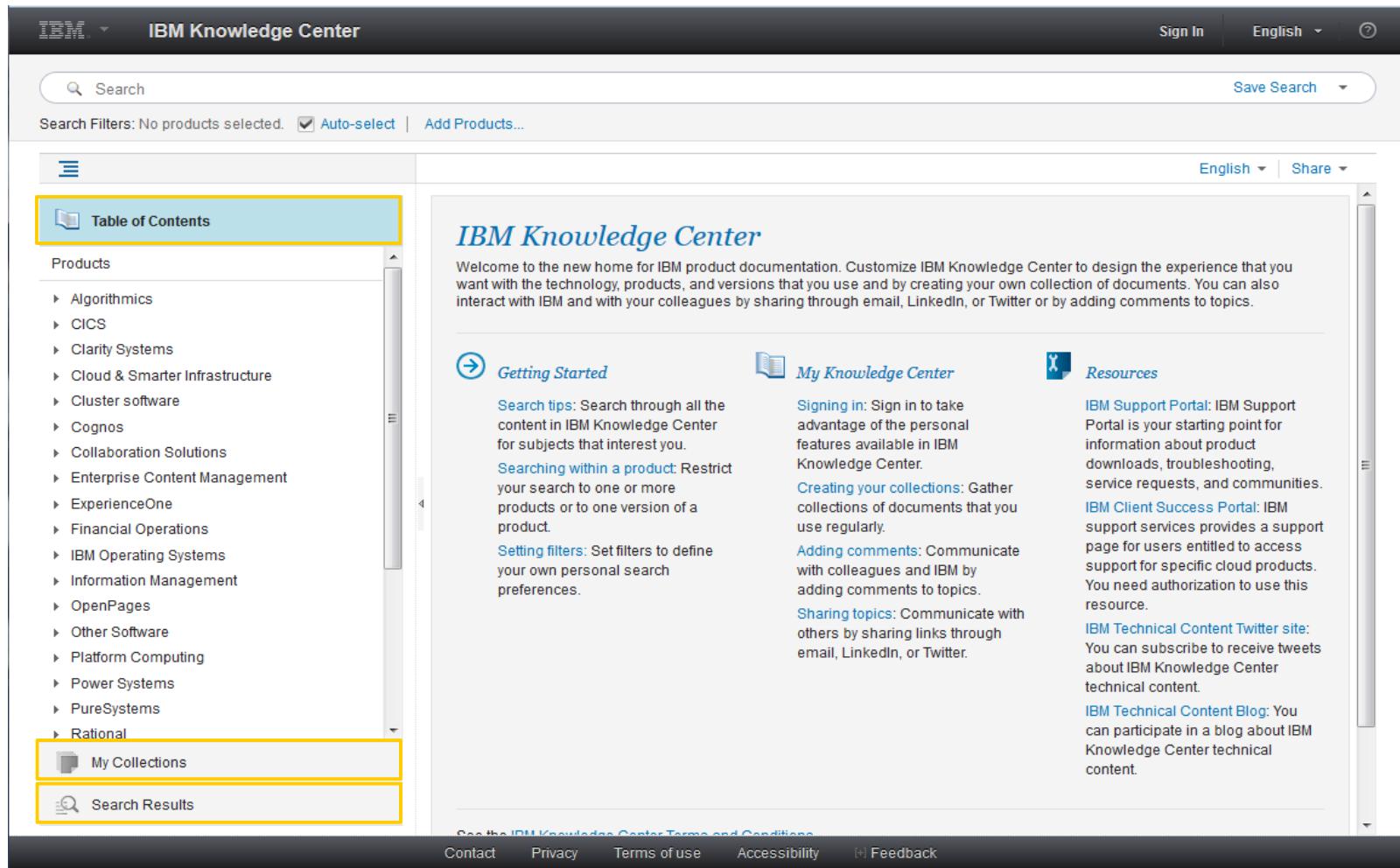
My Collections

Search Results

Contact Privacy Terms of use Accessibility (Feedback)

Utilizing the three main views

IBM Knowledge Center provides three views: Table of Contents, My Collections, and Search Results. To switch between them, click the section header for the view that you want to open.



The screenshot shows the IBM Knowledge Center homepage. The left sidebar features a navigation menu with three main sections highlighted by yellow boxes: 'Table of Contents', 'My Collections', and 'Search Results'. The main content area is titled 'IBM Knowledge Center' and contains a welcome message and several informational sections: 'Getting Started', 'My Knowledge Center', and 'Resources'. Each section includes a brief description and a list of related links. The top navigation bar includes a search bar, sign-in options, and language selection.

IBM Knowledge Center

Search

Search Filters: No products selected. Auto-select | Add Products...

Table of Contents

Products

- Algoritmics
- CICS
- Clarity Systems
- Cloud & Smarter Infrastructure
- Cluster software
- Cognos
- Collaboration Solutions
- Enterprise Content Management
- ExperienceOne
- Financial Operations
- IBM Operating Systems
- Information Management
- OpenPages
- Other Software
- Platform Computing
- Power Systems
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- Rational

My Collections

Search Results

IBM Knowledge Center

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My Knowledge Center

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Resources

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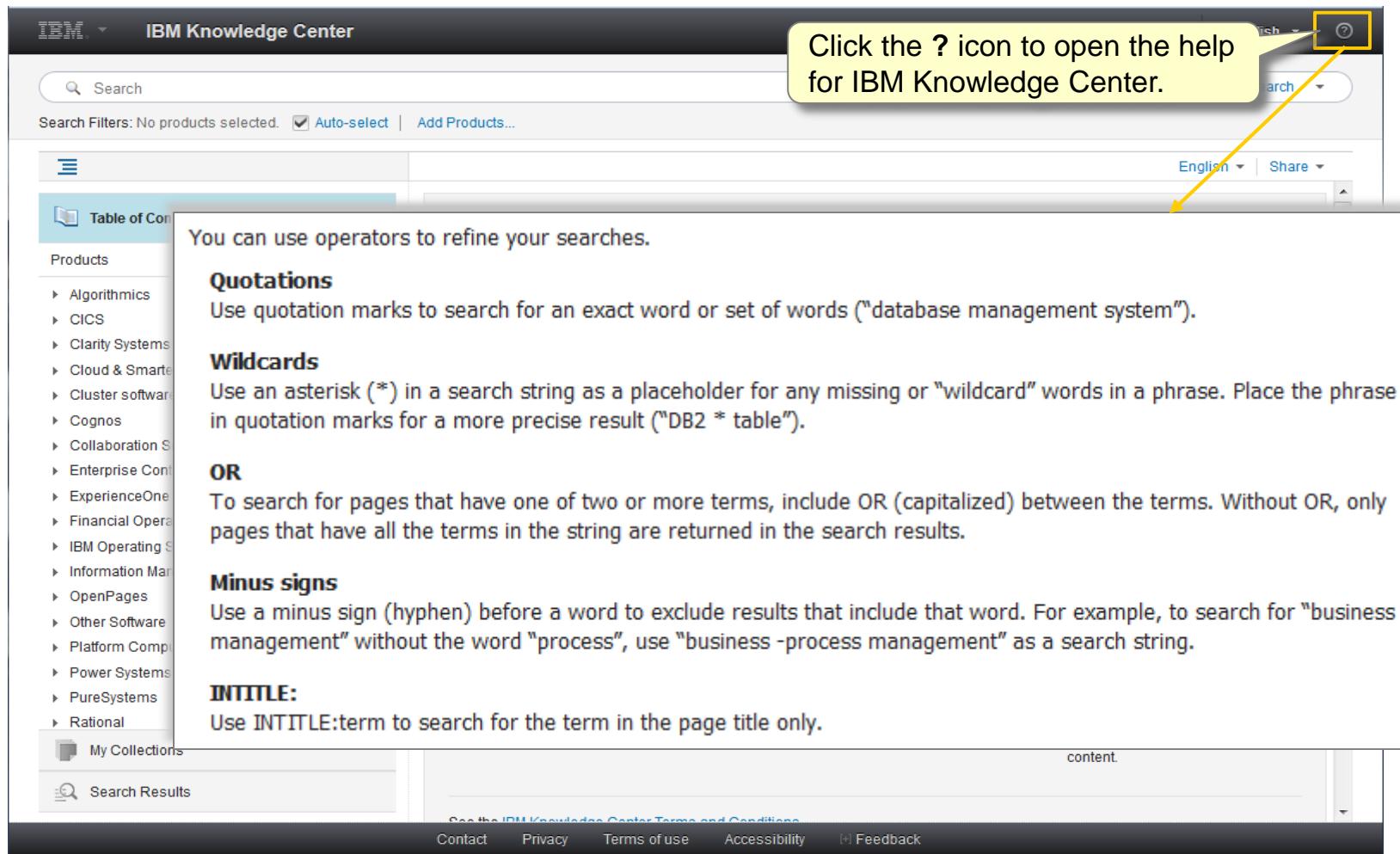
IBM Technical Content Twitter site: You can subscribe to receive tweets about IBM Knowledge Center technical content.

IBM Technical Content Blog: You can participate in a blog about IBM Knowledge Center technical content.

Contact | Privacy | Terms of use | Accessibility | (+) Feedback

Getting help in IBM Knowledge Center

IBM Knowledge Center provides an integrated help system that explains how to use various aspects of the interface including searching, sharing topics, and providing feedback.



The screenshot shows the IBM Knowledge Center interface. At the top, there is a navigation bar with the IBM logo, a search bar, and a help icon (a question mark inside a circle). A yellow callout box with a yellow arrow points to the help icon, containing the text: "Click the ? icon to open the help for IBM Knowledge Center." The main content area displays a topic about search operators. The sidebar on the left contains a "Table of Contents" and a list of products. The footer includes links for Contact, Privacy, Terms of use, Accessibility, and Feedback.

Click the ? icon to open the help for IBM Knowledge Center.

You can use operators to refine your searches.

Quotations
Use quotation marks to search for an exact word or set of words ("database management system").

Wildcards
Use an asterisk (*) in a search string as a placeholder for any missing or "wildcard" words in a phrase. Place the phrase in quotation marks for a more precise result ("DB2 * table").

OR
To search for pages that have one of two or more terms, include OR (capitalized) between the terms. Without OR, only pages that have all the terms in the string are returned in the search results.

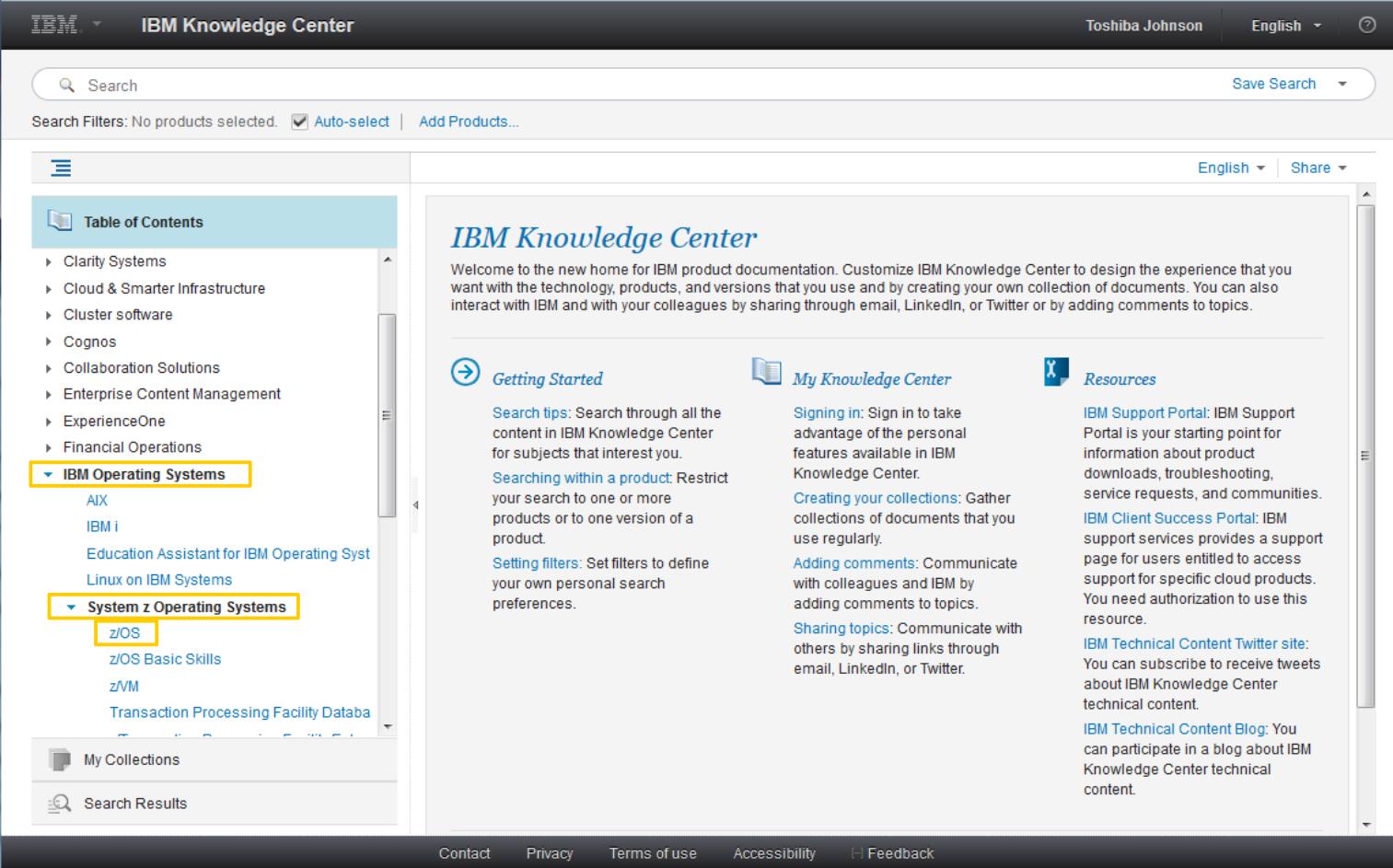
Minus signs
Use a minus sign (hyphen) before a word to exclude results that include that word. For example, to search for "business management" without the word "process", use "business -process management" as a search string.

INTITLE:
Use INTITLE:term to search for the term in the page title only.

Navigating Content and the Table of Contents View

Navigating to the z/OS content

z/OS documentation is located in the Table of Contents under *IBM Operating Systems* > *System z Operating Systems* > *z/OS*.



The screenshot shows the IBM Knowledge Center interface. The left sidebar is titled 'Table of Contents' and lists several categories: Clarity Systems, Cloud & Smarter Infrastructure, Cluster software, Cognos, Collaboration Solutions, Enterprise Content Management, ExperienceOne, Financial Operations, IBM Operating Systems, AIX, IBM i, Education Assistant for IBM Operating System, Linux on IBM Systems, System z Operating Systems, z/OS, z/OS Basic Skills, z/VM, and Transaction Processing Facility Database. The 'z/OS' category under 'System z Operating Systems' is highlighted with a yellow box. The main content area features the 'IBM Knowledge Center' header and a 'Getting Started' section with tips for search, filters, and collections. It also includes 'My Knowledge Center' and 'Resources' sections, each with a list of links to various IBM support and communication platforms.

Navigating to the z/OS content

The z/OS product page lists the available content by release and highlights z/OS-specific content from developerWorks, IBM Redbooks, and white papers. To navigate to z/OS content more quickly in the future, bookmark the z/OS product page or a z/OS release-specific page.

URL for the z/OS product page:
www.ibm.com/support/knowledgecenter/SSLTBW

URL for the z/OS V2R1 content:
www.ibm.com/support/knowledgecenter/SSLTBW_2.1.0

Using the Table of Contents to navigate z/OS documentation

The Table of Contents contains a hierarchical structure just like the z/OS information center. The top-level node is the z/OS element followed by each book and the topics within a book.

The screenshot shows the IBM Knowledge Center interface. The top navigation bar includes the IBM logo, 'IBM Knowledge Center', a search bar with a 'Search' button, and user information like 'Toshiba Johnson', 'English', and a help icon. Below the search bar are 'Search Filters' for 'z/OS 2.1.0' (with 'Auto-select' checked), 'Clear All', and 'Add Products...'. The main content area has a 'Table of Contents' sidebar on the left and a main content pane on the right. The sidebar shows a hierarchical tree of topics under 'z/OS'. The 'z/OS MVS' node is expanded, and its 'z/OS MVS Diagnosis: Reference' sub-node is also expanded. The 'Identifying modules, components, and products' topic is selected and highlighted with a yellow box. The main content pane shows the title 'Identifying modules, components, and products' and a brief description of the topic's purpose. It also lists three related topics: 'Relating a module prefix to component and product', 'Relating component name to module, component, and product', and 'Relating component ID to component name, module prefix, and product'. Below this, a section describes the sections of the table, followed by a list of four bullet points defining 'Module prefix', 'Component name', 'Product ID', and 'Component ID'.

z/OS 2.1.0 > z/OS MVS > z/OS MVS Diagnosis: Reference > System Reference > Identifying modules, components, and products

Identifying modules, components, and products

This topic contains information to help you identify module, component, and product information related to where an error is occurring. The three tables contain the same information, indexed three different ways. Use the tables as follows:

- [Relating a module prefix to component and product](#)
- [Relating component name to module, component, and product](#)
- [Relating component ID to component name, module prefix, and product](#)

Each table contains the following sections:

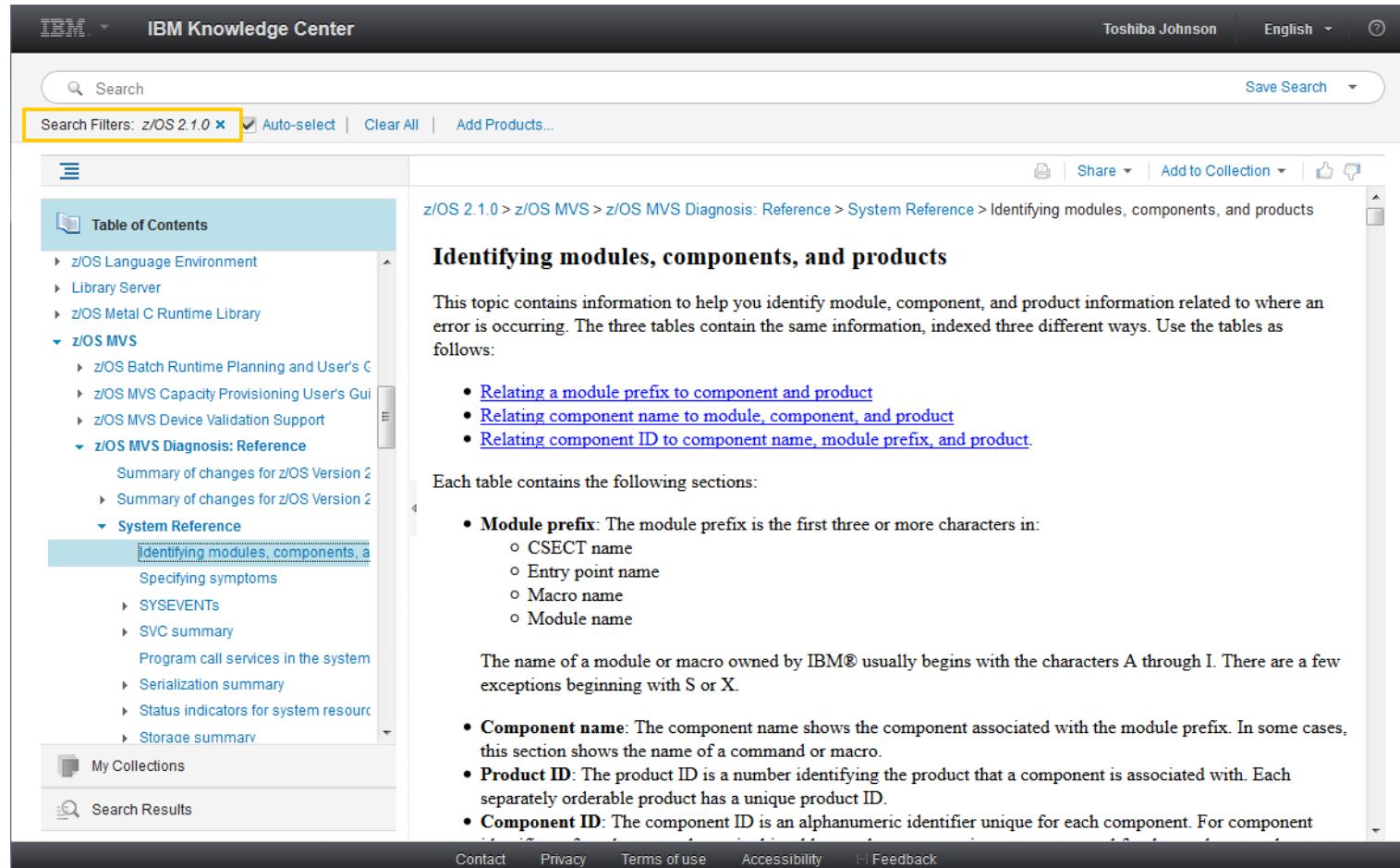
- **Module prefix:** The module prefix is the first three or more characters in:
 - CSECT name
 - Entry point name
 - Macro name
 - Module name

The name of a module or macro owned by IBM® usually begins with the characters A through I. There are a few exceptions beginning with S or X.

- **Component name:** The component name shows the component associated with the module prefix. In some cases, this section shows the name of a command or macro.
- **Product ID:** The product ID is a number identifying the product that a component is associated with. Each separately orderable product has a unique product ID.
- **Component ID:** The component ID is an alphanumeric identifier unique for each component. For component

Using the Table of Contents to navigate z/OS documentation – automatic search filter updates

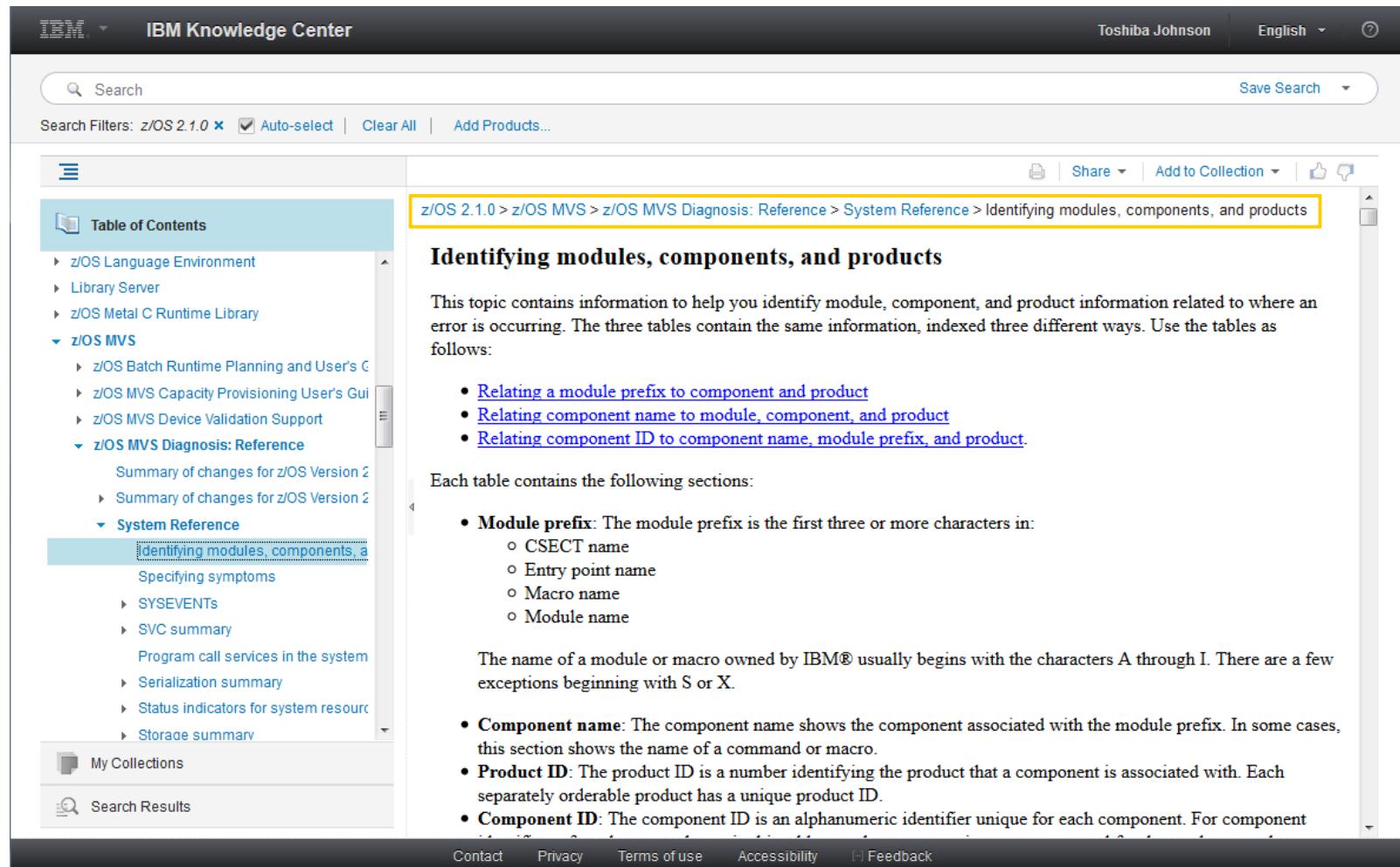
Navigating through products adds them to product search filters – automatically! That is, when you search, your search results will be filtered for the version and release of the product's content that you are navigating.



The screenshot shows the IBM Knowledge Center interface. At the top, there is a navigation bar with the IBM logo, 'IBM Knowledge Center', a user profile for 'Toshiba Johnson', and language settings for 'English'. Below the navigation bar is a search bar with a placeholder 'Search' and a 'Save Search' button. A yellow box highlights the 'Search Filters' dropdown, which shows 'z/OS 2.1.0' with an 'Auto-select' checkbox and 'Clear All' and 'Add Products...' buttons. The main content area is titled 'Identifying modules, components, and products'. The left sidebar contains a 'Table of Contents' with sections for z/OS Language Environment, Library Server, z/OS Metal C Runtime Library, z/OS MVS (expanded to show z/OS Batch Runtime Planning and User's Guide, z/OS MVS Capacity Provisioning User's Guide, z/OS MVS Device Validation Support, and z/OS MVS Diagnosis: Reference), and System Reference (expanded to show Identifying modules, components, and products, Specifying symptoms, SYSEVENTs, SVC summary, Program call services in the system, Serialization summary, Status indicators for system resources, and Storage summary). The 'Identifying modules, components, and products' section is currently selected. The right sidebar contains sharing and collection options. At the bottom, there are links for Contact, Privacy, Terms of use, Accessibility, and Feedback.

Using breadcrumbs to navigate z/OS documentation

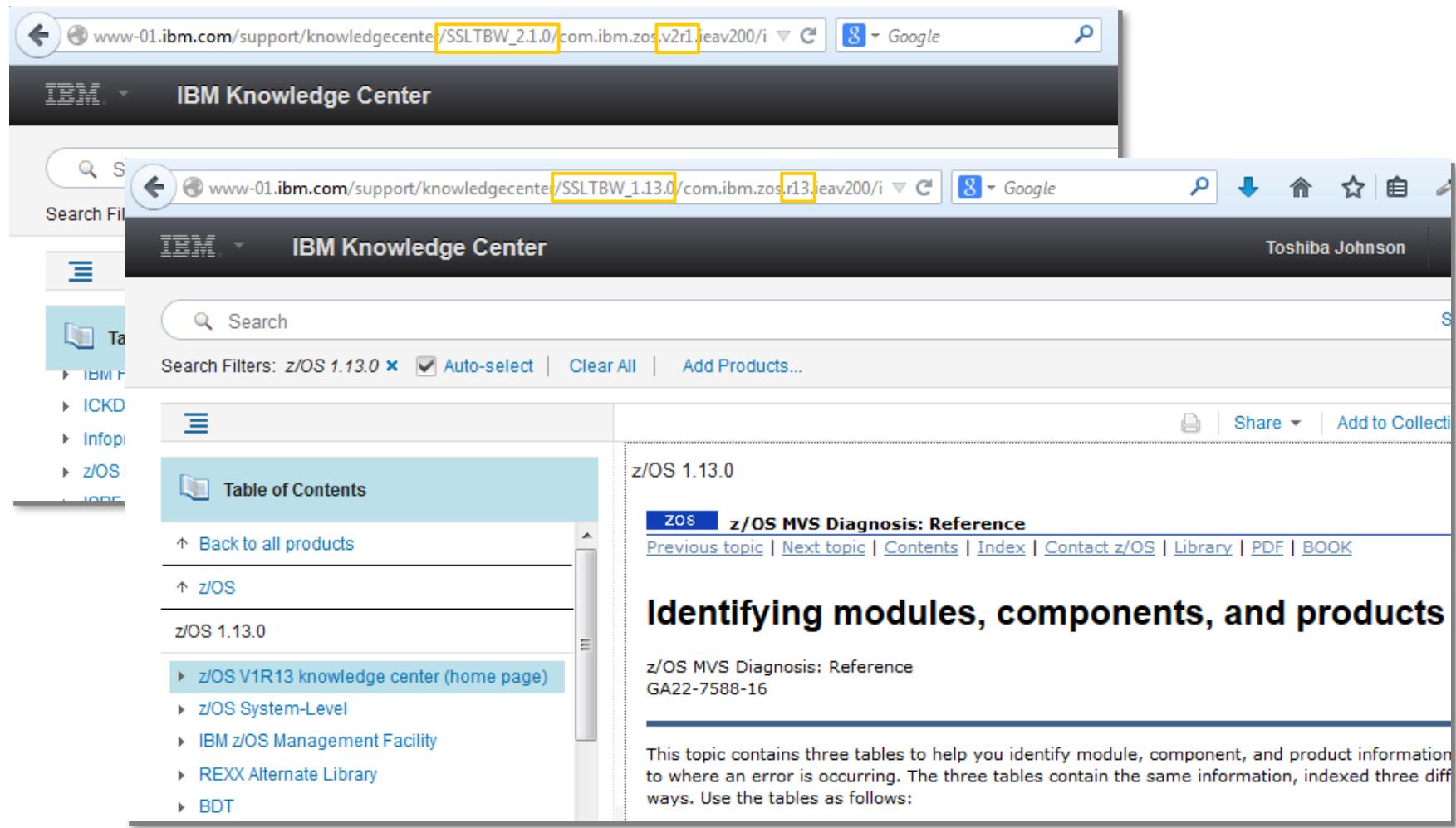
IBM Knowledge Center provides breadcrumbs that reflect the path to a topic, starting with the z/OS release. To return to a parent topic, click the corresponding link in the breadcrumb trail.



The screenshot shows the IBM Knowledge Center interface. The top navigation bar includes the IBM logo, 'IBM Knowledge Center', user profile 'Toshiba Johnson', language 'English', and a help icon. Below the navigation is a search bar with 'Search' and 'Save Search' buttons, and search filters for 'z/OS 2.1.0' (selected), 'Auto-select', 'Clear All', and 'Add Products...'. The main content area shows the breadcrumb trail: 'z/OS 2.1.0 > z/OS MVS > z/OS MVS Diagnosis: Reference > System Reference > Identifying modules, components, and products'. This trail is highlighted with a yellow box. The page title is 'Identifying modules, components, and products'. The page content discusses identifying module, component, and product information, mentioning three tables and their indexing methods. It lists three related topics: 'Relating a module prefix to component and product', 'Relating component name to module, component, and product', and 'Relating component ID to component name, module prefix, and product'. Below this, it describes the sections of each table: 'Module prefix' (CSECT name, Entry point name, Macro name, Module name), 'Component name' (showing the component associated with the module prefix), 'Product ID' (a number identifying the product), and 'Component ID' (an alphanumeric identifier unique for each component). The page footer includes links for 'Contact', 'Privacy', 'Terms of use', 'Accessibility', and 'Feedback'.

Using the URL to navigate between topic versions

The z/OS version and release are included in a topic's URL. To quickly navigate between different versions/releases of the same topic, manually modify the version and release.



The screenshot shows the IBM Knowledge Center interface with two topics displayed side-by-side, illustrating how to navigate between different z/OS versions and releases.

Top Topic (URL: www-01.ibm.com/support/knowledgecenter/SSLTBW_2.1.0/com.ibm.zos.v2r1.eav200/i)

- URL: `www-01.ibm.com/support/knowledgecenter/SSLTBW_2.1.0/com.ibm.zos.v2r1.eav200/i`
- Version: `v2r1`
- Release: `eav200`

Bottom Topic (URL: www-01.ibm.com/support/knowledgecenter/SSLTBW_1.13.0/com.ibm.zos.r13.eav200/i)

- URL: `www-01.ibm.com/support/knowledgecenter/SSLTBW_1.13.0/com.ibm.zos.r13.eav200/i`
- Version: `r13`
- Release: `eav200`

Left Sidebar (Search Filter)

- Search Filter: `z/OS 1.13.0`
- Buttons: `Auto-select`, `Clear All`, `Add Products...`

Right Sidebar (User Information)

- User: `Toshiba Johnson`
- Buttons: `Print`, `Share`, `Add to Collection`

Content Area (z/OS 1.13.0 Topic)

- Section: **z/OS 1.13.0**
- Section: **z/OS MVS Diagnosis: Reference**
- Buttons: `Previous topic`, `Next topic`, `Contents`, `Index`, `Contact z/OS`, `Library`, `PDF`, `BOOK`
- Section: **Identifying modules, components, and products**
- Text: `z/OS MVS Diagnosis: Reference`
`GA22-7588-16`
- Text: `This topic contains three tables to help you identify module, component, and product information to where an error is occurring. The three tables contain the same information, indexed three different ways. Use the tables as follows:`

Maximizing the viewable content

To display more of the content within a topic, collapse the navigation area or open the topic in a new window.

The screenshot shows the IBM Knowledge Center interface. The left sidebar is collapsed, indicated by a yellow callout with the text "Click to hide the navigation area." A blue starburst callout on the right contains the tip: "Tip: Always open linked topics in new browser tabs so that each original page stays scrolled to the correct spot." A yellow callout near the bottom right of the content area says "Drag left or double click to decrease the size of the navigation area." A context menu is open over a topic in the list, with the option "Open in new tab (content only)" highlighted in yellow. A yellow callout near the bottom right of the content area says "Right-click a topic, and select this option to display the topic in a new browser tab without the IBM Knowledge Center framework." The content area displays a topic titled "Identifying modules, components, and products" with a list of sub-points.

z/OS 2.1.0 > z/OS MVS > z/OS MVS Diagnosis: Reference > System Reference > Identifying modules, components, and products

Identifying modules, components, and products

This topic contains information to help you identify module, component, and product names related to where an error is occurring. The three tables contain the same information in different ways. Use the tables as follows:

- [Relating a module prefix to component and product](#)
- [Relating component name to module, component, and product](#)
- [Relating component ID to component name, module prefix, and product](#)

Drag left or double click to decrease the size of the navigation area.

Right-click a topic, and select this option to display the topic in a new browser tab without the IBM Knowledge Center framework.

Tip: Always open linked topics in new browser tabs so that each original page stays scrolled to the correct spot.

Maximizing the viewable content: Example of a content-only topic

This is a topic after you right-click it and select the **Open in new tab (content only)** option.

This topic contains information to help you identify module, component, and product information related to where an error is occurring. The three tables contain the same information, indexed three different ways. Use the tables as follows:

- [Relating a module prefix to component and product](#)
- [Relating component name to module, component, and product](#)
- [Relating component ID to component name, module prefix, and product](#).

Each table contains the following sections:

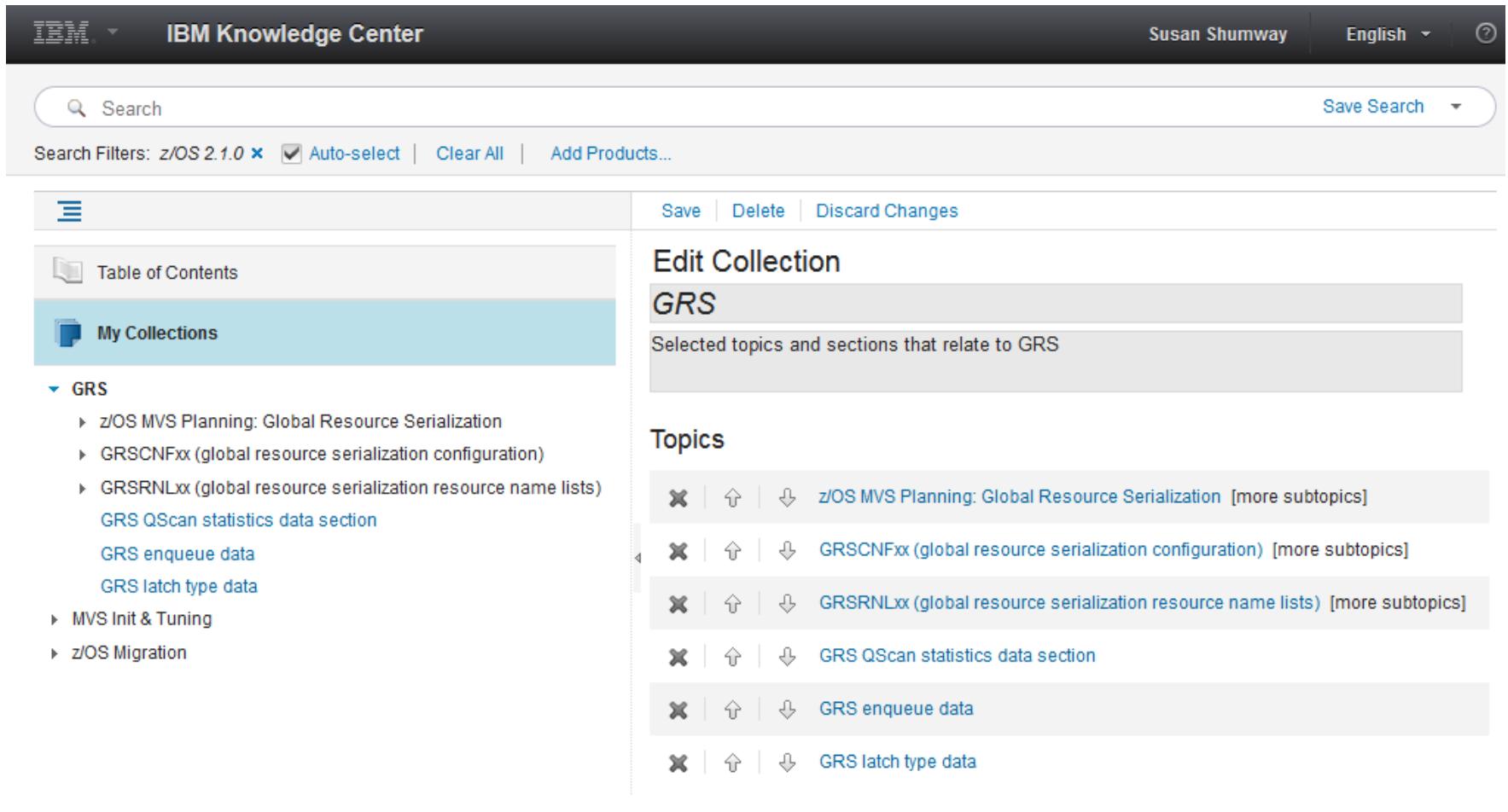
- Module prefix:** The module prefix is the first three or more characters in:
 - CSECT name
 - Entry point name
 - Macro name
 - Module name
- Component name:** The component name shows the component associated with the module prefix. In some cases, this section shows the name of a command or macro.
- Product ID:** The product ID is a number identifying the product that a component is associated with. Each separately orderable product has a unique product ID.
- Component ID:** The component ID is an alphanumeric identifier unique for each component. For component identifiers of products not shown in this table, see the programming support manual for the product or subsystem or use SMP/E reports.
- Product or subsystem name:** The products and subsystems are:
 - BTAM**
Basic Telecommunications Access Method
 - DFSMS**
DFSMS includes the following functional components:
 - DFSMSSdfp**
Data Facility System Managed Storage DFP
 - DFSMSSdss**
DFSMS Data Set Services
 - DFSMSShsm**
DFSMS hierarchical storage manager
 - DFSMSSrmm**



Creating Customized Views and Documents with the My Collections View

Using My Collections to create customized views

Select topics or sections from anywhere in IBM Knowledge Center and add them to new or existing collections. From the My Collections view, you can then navigate inside your collections or edit them to reorganize topics and sections to your liking.

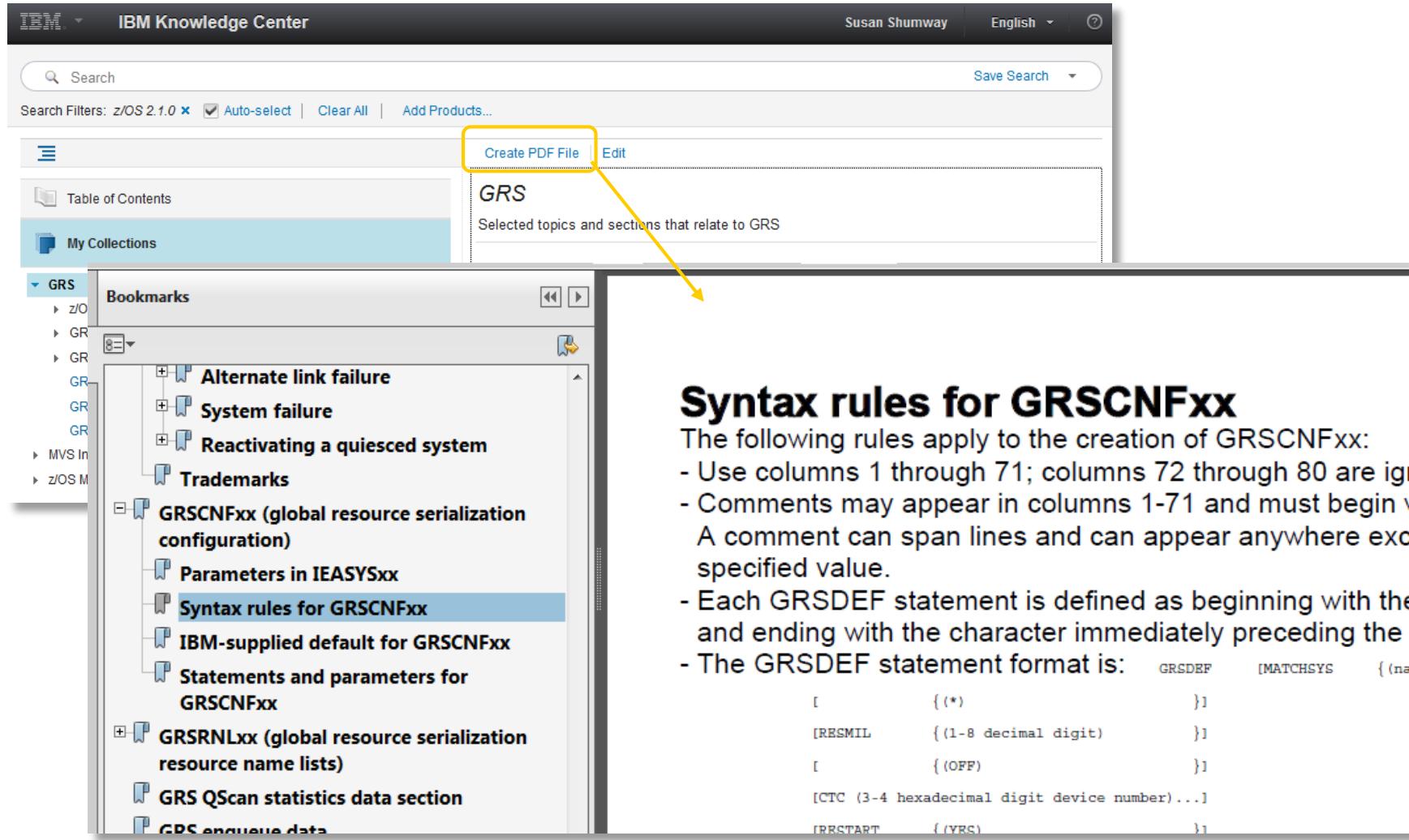


The screenshot shows the IBM Knowledge Center interface with the following details:

- Header:** IBM Knowledge Center, Susan Shumway, English, Help.
- Search Bar:** Search, Save Search.
- Search Filters:** z/OS 2.1.0 (selected), Auto-select, Clear All, Add Products...
- Left Sidebar:** Table of Contents, My Collections (selected), GRS (expanded), z/OS MVS Planning: Global Resource Serialization, GRSCNFxx (global resource serialization configuration), GRSRNLxx (global resource serialization resource name lists), GRS QScan statistics data section, GRS enqueue data, GRS latch type data, MVS Init & Tuning, z/OS Migration.
- Right Panel:**
 - Edit Collection:** GRS, Selected topics and sections that relate to GRS.
 - Topics:** z/OS MVS Planning: Global Resource Serialization, GRSCNFxx (global resource serialization configuration), GRSRNLxx (global resource serialization resource name lists), GRS QScan statistics data section, GRS enqueue data, GRS latch type data.

Using My Collections to produce PDFs of your customized views

Create stripped-down PDFs of your customized content for printing or sharing.



The screenshot shows the IBM Knowledge Center interface. The top navigation bar includes the IBM logo, 'IBM Knowledge Center', 'Susan Shumway', 'English', and a help icon. Below the navigation is a search bar with 'Search' and 'Save Search' buttons, and a 'Search Filters' section with 'z/OS 2.1.0' selected, with 'Auto-select' and 'Clear All' options. The left sidebar has a 'Table of Contents' and a 'My Collections' section, which is currently selected and highlighted in blue. The main content area shows a 'GRS' collection with the sub-section 'Selected topics and sections that relate to GRS'. A 'Create PDF File' button is highlighted with a yellow box and a yellow arrow points from it to the 'Syntax rules for GRSCNFxx' section in the main content area. The main content area displays the following text and code examples:

Syntax rules for GRSCNFxx

The following rules apply to the creation of GRSCNFxx:

- Use columns 1 through 71; columns 72 through 80 are ignored.
- Comments may appear in columns 1-71 and must begin with an asterisk (*). A comment can span lines and can appear anywhere except within a quoted string or a specified value.
- Each GRSDEF statement is defined as beginning with the character immediately preceding the asterisk (*) and ending with the character immediately preceding the next asterisk (*) or the end of the line.
- The GRSDEF statement format is:

GRSDEF	[MATCHSYS	{ (name)
[{ (*)	}]
[RESMIL	{ (1-8 decimal digit)	}]
[{ (OFF)	}]
[CTC (3-4 hexadecimal digit device number)...]		
[RESTART	{ (YRC)	}]

Social Features

Providing feedback and sharing content in IBM Knowledge Center

IBM Knowledge Center promotes continuous improvements and encourages collaboration by enabling you to rate topics, provide public and private feedback, and share content through email or social media.

The screenshot shows the IBM Knowledge Center interface with several callout boxes highlighting features:

- A yellow callout box labeled "Rate topics" points to the "Rate" icon in the top right corner of the interface.
- A yellow callout box labeled "Share topics on LinkedIn, Twitter, or by email." points to the "Share" dropdown menu in the top right, which includes options for Email, LinkedIn, and Twitter.
- A yellow callout box labeled "Write comments or ask questions (public)" points to the "Comments (0) Add Comment" section at the bottom of the page.
- A yellow callout box labeled "Send feedback (private)" points to the "Feedback" link in the bottom right corner.

The interface includes a sidebar with "Table of Contents" and a main content area displaying a list of topics with their details and associated tags.

Topic	Description	Tags	Comments	Actions
5752SC1BN	z/OS JES3	ZOS, MVS	200	Rate
5752SCRTD	Runtime Diagnostics	HZR	200	Rate
97801	Graphics Access Method (GAM)	GAB, IFF, IGC, IGG	5741, 5650-ZOS, 5665	Rate
99201	Device Support Facilities	ICK	5655	Rate

Other sections visible include "Other Languages", "Other Versions", and a "Comments (0) Add Comment" box.

Searching Content and the Search Results View

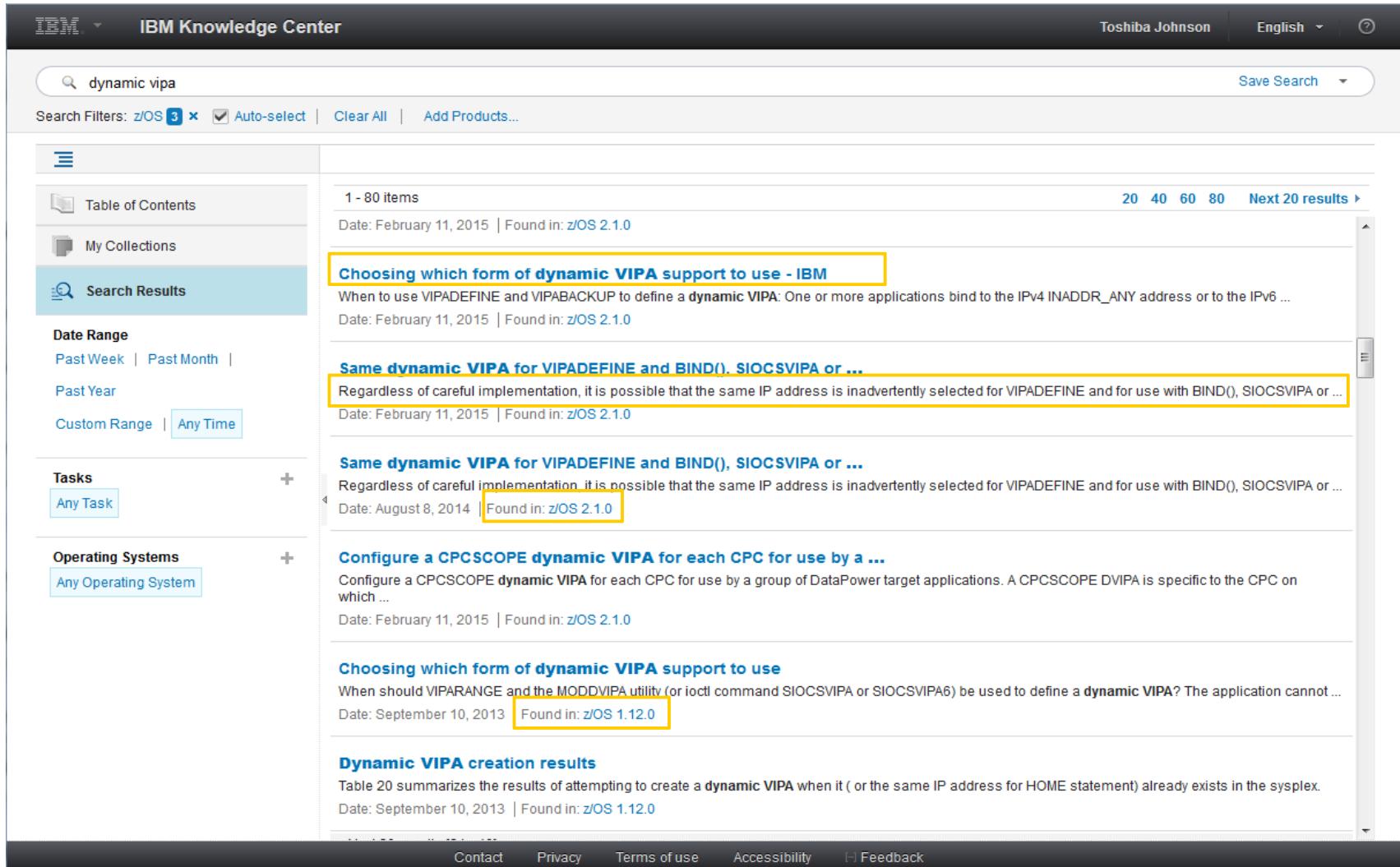
Finding content using a simple search: Entering search terms

To perform a simple search, enter your keywords into the search field and press Enter. As you type, IBM Knowledge Center suggests possible keywords, product pages, and collections related to your search.

The screenshot shows the IBM Knowledge Center search results for the term 'dynamic'. The search bar at the top contains 'dynamic'. Below the search bar, the results are categorized into three sections: KEYWORD HINTS, PRODUCT PAGES, and MY COLLECTIONS. The KEYWORD HINTS section lists 'dynamic routing - Keyword Hint', 'dynamic - Keyword Hint', and 'dynamic web page - Keyword Hint'. The PRODUCT PAGES section lists 'WebSphere Dynamic Process Edition - Product Page'. The MY COLLECTIONS section shows 'None'. A yellow box highlights the search bar and the KEYWORD HINTS section. The right side of the page displays a sidebar with various links and sections, also highlighted with a yellow box. The sidebar includes 'Save Search', 'ks', 'Best Practices', 'Exchange Forum', 'WebSphere Application Server', 'z/OS Profile', 'z/OSMF for z/OS with InfoSphere BigInsights, Part 1: Setup the ...', 'Redbooks', 'Batch Modernization on z/OS', 'Introduction to the New Mainframe: z/OS Basics', 'ABCs of IBM z/OS System Programming Volume 1', 'Introduction to the New Mainframe: z/OS Basics', 'White papers', 'IBM Techdocs White Paper: IBM WebSphere Liberty z/OS Connect', 'IBM Techdocs White Paper: WebSphere Liberty Profile for z/OS', 'IBM Techdocs White Paper: z/OS: Planning Considerations for ...', and 'Why WebSphere Application Server for z/OS'. At the bottom of the page, there are links for 'My Collections', 'Search Results', 'Other Languages', and a footer with links for 'Contact', 'Privacy', 'Terms of use', 'Accessibility', and 'Feedback'.

Finding content using a simple search: Results

The search results display a title, summary, and containing product-release for each topic.



The screenshot shows the IBM Knowledge Center search results for the query "dynamic vipa". The search bar at the top contains "dynamic vipa". Below it, the "Search Filters" section shows "z/OS 3" selected, with "Auto-select" checked. The main results table displays 80 items, with the first few highlighted in yellow boxes. Each result includes a title, a summary, and the date it was found in z/OS 2.1.0. The results are categorized into sections: "Choosing which form of dynamic VIPA support to use - IBM", "Same dynamic VIPA for VIPADEFINE and BIND()", "SIOCSVIPA or ...", "Configure a CPCSCOPE dynamic VIPA for each CPC for use by a ...", "Choosing which form of dynamic VIPA support to use", and "Dynamic VIPA creation results". The sidebar on the left includes "Table of Contents", "My Collections", and "Search Results" (which is selected). Other sidebar categories like "Date Range", "Tasks", and "Operating Systems" are also present.

Section	Title	Summary	Date
Search Results	Choosing which form of dynamic VIPA support to use - IBM	When to use VIPADEFINE and VIPABACKUP to define a dynamic VIPA : One or more applications bind to the IPv4 INADDR_ANY address or to the IPv6 ...	February 11, 2015 Found in: z/OS 2.1.0
	Same dynamic VIPA for VIPADEFINE and BIND(), SIOCSVIPA or ...	Regardless of careful implementation, it is possible that the same IP address is inadvertently selected for VIPADEFINE and for use with BIND(), SIOCSVIPA or ...	February 11, 2015 Found in: z/OS 2.1.0
	Same dynamic VIPA for VIPADEFINE and BIND(), SIOCSVIPA or ...	Regardless of careful implementation, it is possible that the same IP address is inadvertently selected for VIPADEFINE and for use with BIND(), SIOCSVIPA or ...	August 8, 2014 Found in: z/OS 2.1.0
	Configure a CPCSCOPE dynamic VIPA for each CPC for use by a ...	Configure a CPCSCOPE dynamic VIPA for each CPC for use by a group of DataPower target applications. A CPCSCOPE DVIPA is specific to the CPC on which ...	February 11, 2015 Found in: z/OS 2.1.0
Choosing which form of dynamic VIPA support to use	When should VIPARANGE and the MODDVIPA utility (or ioctl command SIOCSVIPA or SIOCSVIPA6) be used to define a dynamic VIPA ? The application cannot ...	September 10, 2013 Found in: z/OS 1.12.0	
	Dynamic VIPA creation results	Table 20 summarizes the results of attempting to create a dynamic VIPA when it (or the same IP address for HOME statement) already exists in the sysplex.	September 10, 2013 Found in: z/OS 1.12.0

Narrowing search results to a specific release

By default, the search filter is initially set to search all products and releases. To select a specific release, click **Add Products**, select one or more product releases to search, then click **Apply**.

The screenshot shows the IBM Knowledge Center interface with a search query "dynamic vipa" in the search bar. A yellow box highlights the "Search Filters: z/OS 3" button. Another yellow box highlights the "Add Products..." button, which is connected by a yellow arrow to the "Add Products" dialog box. The dialog box contains a list of product releases under "System z Operating Systems / z/OS". The "z/OS 2.1.0" checkbox is checked and highlighted with a yellow box. A blue callout bubble on the right side of the dialog box contains the following tip:

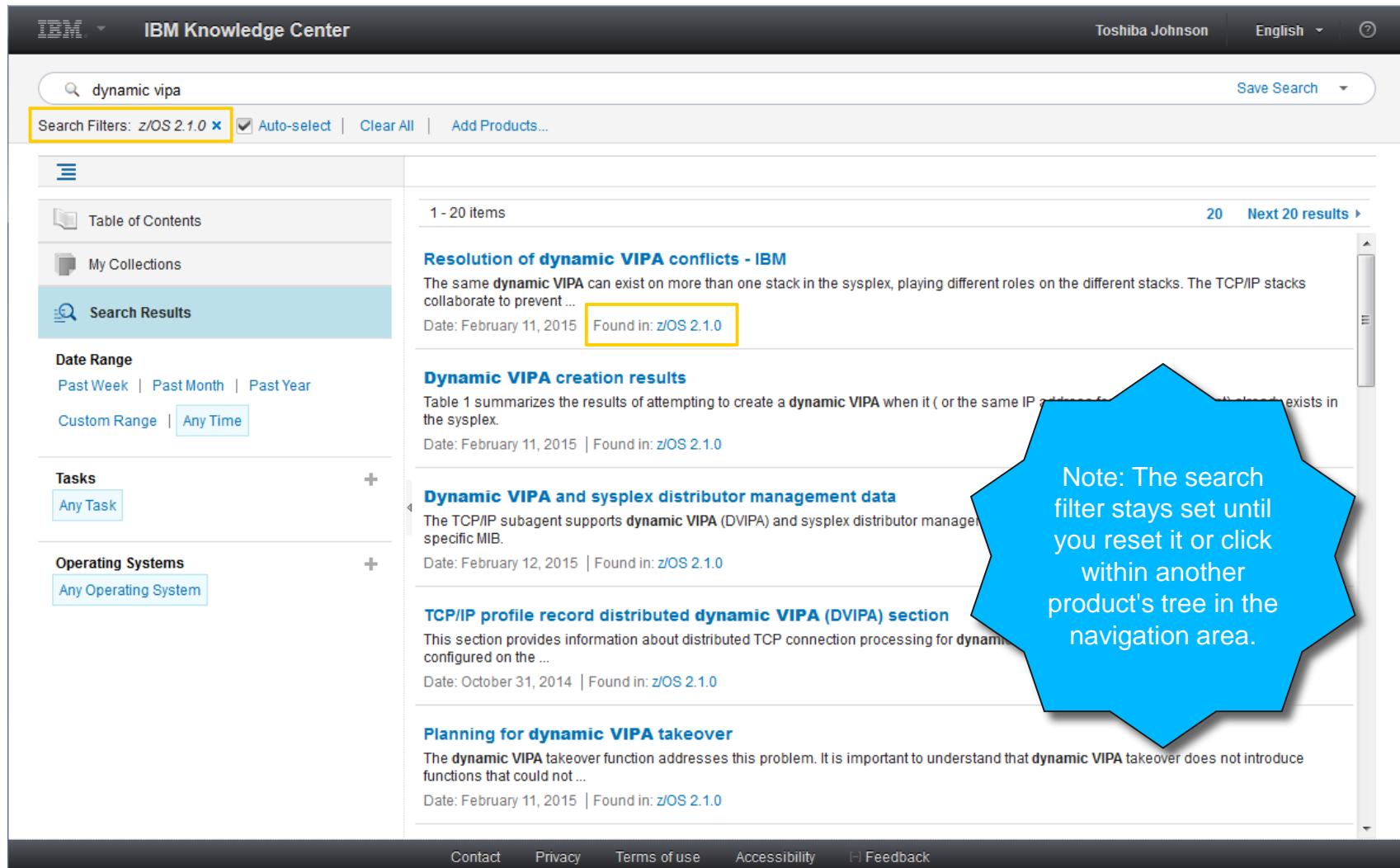
Tip: To locate a product in the Add Products window, scroll through the list or type the name of the product. Previous selections are preserved if you type a new product name.

Below the dialog box, the search results table is visible, showing a summary of the search results for "dynamic VIPA".



Narrowing search results to a specific release

The search results are filtered, and they contain only the selected releases.



The screenshot shows the IBM Knowledge Center interface. The search bar at the top contains the query "dynamic vipa". Below the search bar, a yellow box highlights the "Search Filters: z/OS 2.1.0" button, which is checked. The search results page displays a list of articles related to dynamic VIPA. A blue box highlights the "Found in: z/OS 2.1.0" link next to the first article. A large blue callout bubble on the right side of the page contains the text: "Note: The search filter stays set until you reset it or click within another product's tree in the navigation area." The navigation sidebar on the left includes sections for Table of Contents, My Collections, and Search Results (which is selected and highlighted in blue). Other sections like Date Range, Tasks, and Operating Systems are also present.

dynamic vipa

Search Filters: z/OS 2.1.0 Auto-select | Clear All | Add Products...

Table of Contents

My Collections

Search Results

Date Range

Past Week | Past Month | Past Year

Custom Range | Any Time

Tasks

Any Task

Operating Systems

Any Operating System

1 - 20 items

20 Next 20 results ▾

Resolution of dynamic VIPA conflicts - IBM
The same dynamic VIPA can exist on more than one stack in the sysplex, playing different roles on the different stacks. The TCP/IP stacks collaborate to prevent...
Date: February 11, 2015 | Found in: z/OS 2.1.0

Dynamic VIPA creation results
Table 1 summarizes the results of attempting to create a dynamic VIPA when it (or the same IP address) already exists in the sysplex.
Date: February 11, 2015 | Found in: z/OS 2.1.0

Dynamic VIPA and sysplex distributor management data
The TCP/IP subagent supports dynamic VIPA (DVIPA) and sysplex distributor management using specific MIBs.
Date: February 12, 2015 | Found in: z/OS 2.1.0

TCP/IP profile record distributed dynamic VIPA (DVIPA) section
This section provides information about distributed TCP connection processing for dynamic VIPAs configured on the ...
Date: October 31, 2014 | Found in: z/OS 2.1.0

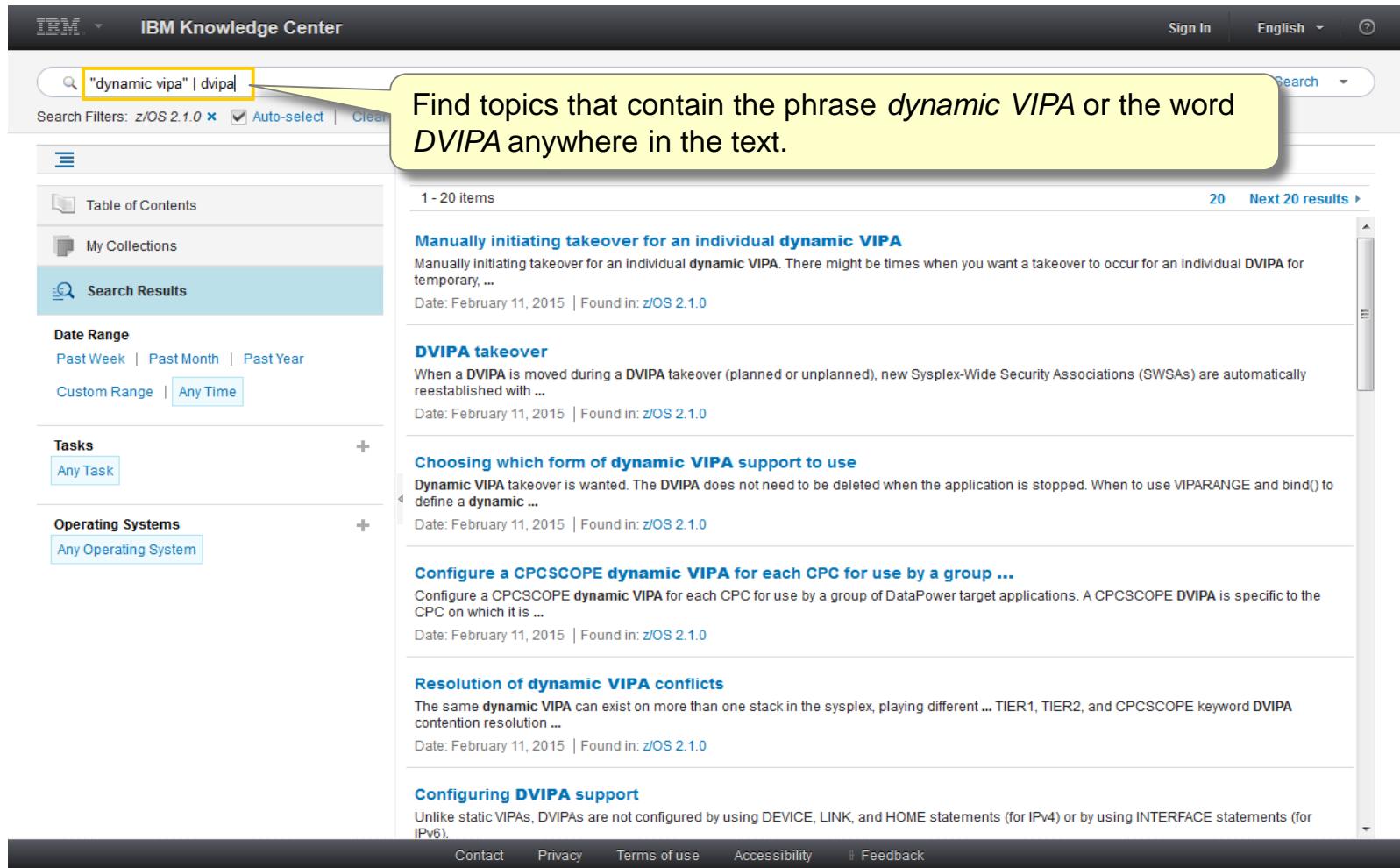
Planning for dynamic VIPA takeover
The dynamic VIPA takeover function addresses this problem. It is important to understand that dynamic VIPA takeover does not introduce functions that could not ...
Date: February 11, 2015 | Found in: z/OS 2.1.0

Contact | Privacy | Terms of use | Accessibility | Feedback

Note: The search filter stays set until you reset it or click within another product's tree in the navigation area.

Using Boolean operators to narrow search results

IBM Knowledge Center allows you to use Boolean operators (**AND/+, OR/|, NOT/-**, and so on) to create complex queries.

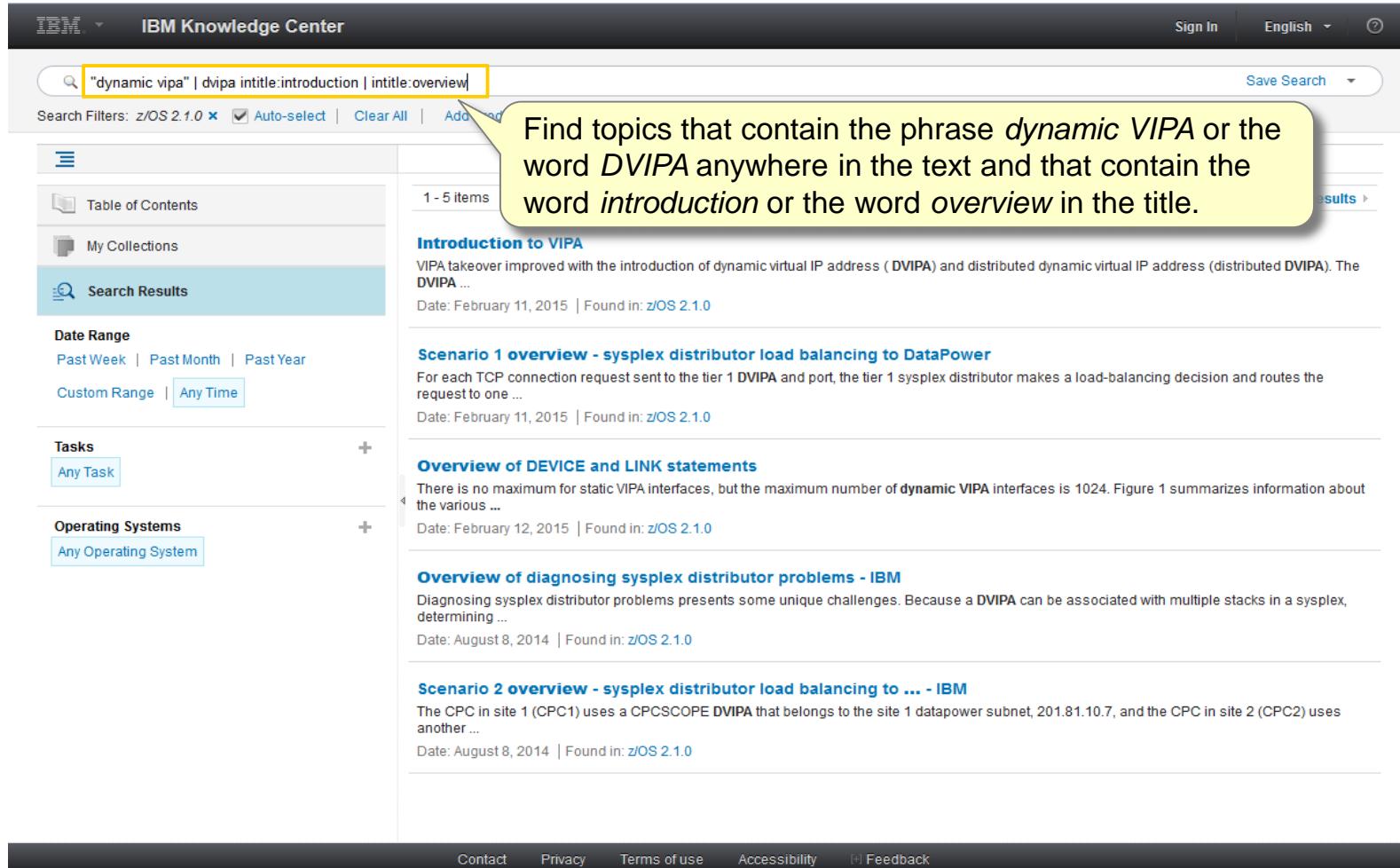


The screenshot shows the IBM Knowledge Center search results for the query "dynamic vipa" | dvipa. A yellow callout box highlights the search bar and the query. The results list includes:

- Manually initiating takeover for an individual dynamic VIPA**
Manually initiating takeover for an individual dynamic VIPA. There might be times when you want a takeover to occur for an individual DVIPA for temporary, ...
Date: February 11, 2015 | Found in: z/OS 2.1.0
- DVIPA takeover**
When a DVIPA is moved during a DVIPA takeover (planned or unplanned), new Sysplex-Wide Security Associations (SWSAs) are automatically reestablished with ...
Date: February 11, 2015 | Found in: z/OS 2.1.0
- Choosing which form of dynamic VIPA support to use**
Dynamic VIPA takeover is wanted. The DVIPA does not need to be deleted when the application is stopped. When to use VIPARANGE and bind() to define a dynamic ...
Date: February 11, 2015 | Found in: z/OS 2.1.0
- Configure a CPCSCOPE dynamic VIPA for each CPC for use by a group ...**
Configure a CPCSCOPE dynamic VIPA for each CPC for use by a group of DataPower target applications. A CPCSCOPE DVIPA is specific to the CPC on which it is ...
Date: February 11, 2015 | Found in: z/OS 2.1.0
- Resolution of dynamic VIPA conflicts**
The same dynamic VIPA can exist on more than one stack in the sysplex, playing different ... TIER1, TIER2, and CPCSCOPE keyword DVIPA contention resolution ...
Date: February 11, 2015 | Found in: z/OS 2.1.0
- Configuring DVIPA support**
Unlike static VIPAs, DVIPAs are not configured by using DEVICE, LINK, and HOME statements (for IPv4) or by using INTERFACE statements (for IPv6).

Using search operators to narrow search results

IBM Knowledge Center allows you to use search operators (`intext`, `inurl`, `intitle`, and so on) to create complex queries that further refine your search results.



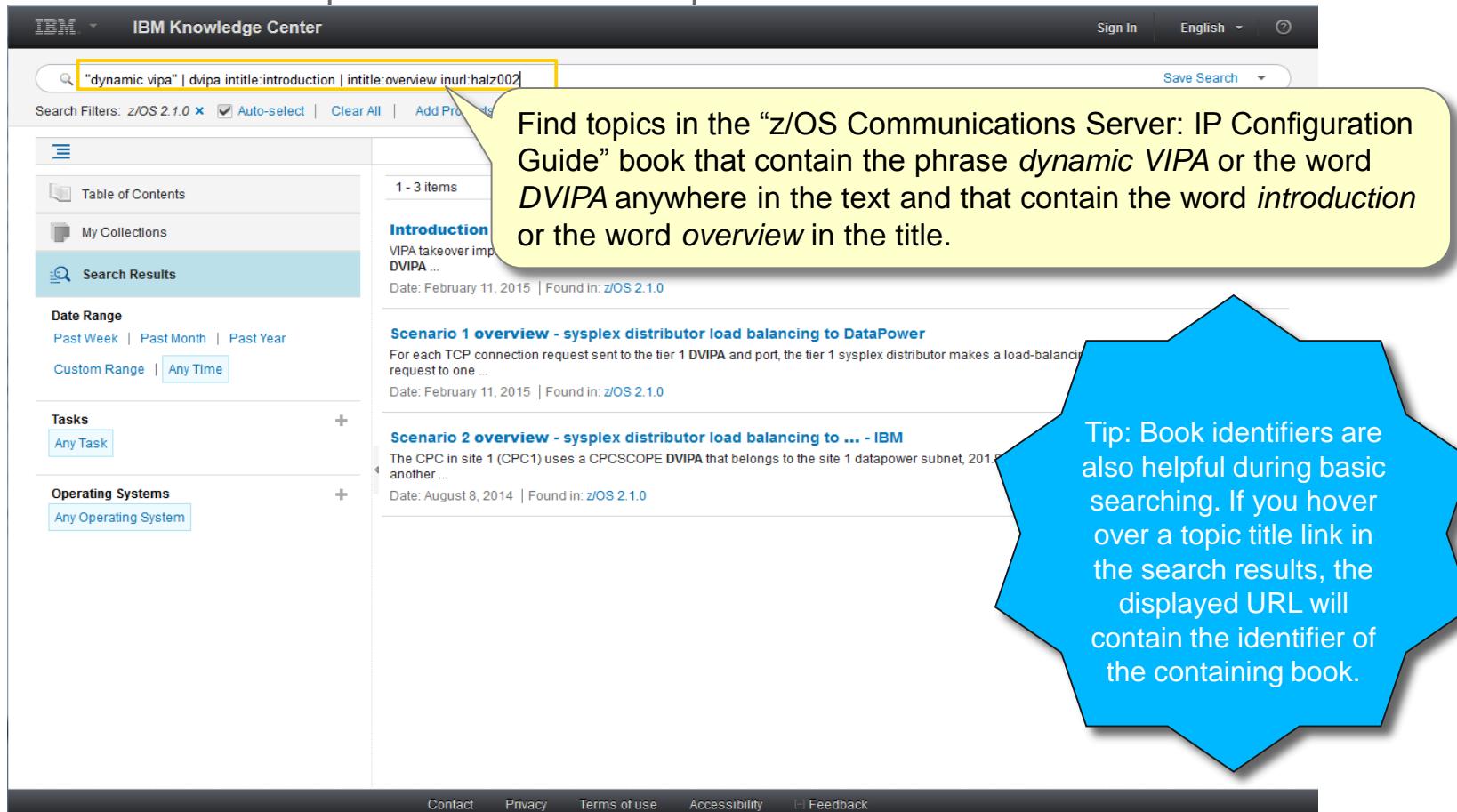
The screenshot shows the IBM Knowledge Center search results page. The search bar contains the query: `"dynamic vipa" | dvipa intitle:introduction | intitle:overview`. A yellow box highlights this query. A yellow callout bubble points to the search results list, which contains the following entries:

- Introduction to VIPA**
VIPA takeover improved with the introduction of dynamic virtual IP address (DVIPA) and distributed dynamic virtual IP address (distributed DVIPA). The DVIPA ...
Date: February 11, 2015 | Found in: [z/OS 2.1.0](#)
- Scenario 1 overview - sysplex distributor load balancing to DataPower**
For each TCP connection request sent to the tier 1 DVIPA and port, the tier 1 sysplex distributor makes a load-balancing decision and routes the request to one ...
Date: February 11, 2015 | Found in: [z/OS 2.1.0](#)
- Overview of DEVICE and LINK statements**
There is no maximum for static VIPA interfaces, but the maximum number of dynamic VIPA interfaces is 1024. Figure 1 summarizes information about the various ...
Date: February 12, 2015 | Found in: [z/OS 2.1.0](#)
- Overview of diagnosing sysplex distributor problems - IBM**
Diagnosing sysplex distributor problems presents some unique challenges. Because a DVIPA can be associated with multiple stacks in a sysplex, determining ...
Date: August 8, 2014 | Found in: [z/OS 2.1.0](#)
- Scenario 2 overview - sysplex distributor load balancing to ... - IBM**
The CPC in site 1 (CPC1) uses a CPCSCOPE DVIPA that belongs to the site 1 datapower subnet, 201.81.10.7, and the CPC in site 2 (CPC2) uses another ...
Date: August 8, 2014 | Found in: [z/OS 2.1.0](#)

On the left, there are filters for Date Range (Past Week, Past Month, Past Year, Custom Range, Any Time), Tasks (Any Task), and Operating Systems (Any Operating System). At the bottom, there are links for Contact, Privacy, Terms of use, Accessibility, and Feedback.

Narrowing search results to a specific book

Each book in the z/OS library is assigned a unique identifier, which is included in its URL. For example, book identifier `e0zm100` corresponds to *z/OS Migration*. You can use the `inurl` search operator and the book's identifier to narrow the search results to a specific book. The identifier for each book is provided in the Backup Resources slides.



IBM Knowledge Center

Search Filters: z/OS 2.1.0 Auto-select Clear All Add Products

Search Results

Find topics in the “z/OS Communications Server: IP Configuration Guide” book that contain the phrase *dynamic VIPA* or the word *DVIPA* anywhere in the text and that contain the word *introduction* or the word *overview* in the title.

Introduction
VIPA takeover imp...
DVIPA ...
Date: February 11, 2015 | Found in: z/OS 2.1.0

Scenario 1 overview - sysplex distributor load balancing to DataPower
For each TCP connection request sent to the tier 1 DVIPA and port, the tier 1 sysplex distributor makes a load-balancing request to one ...
Date: February 11, 2015 | Found in: z/OS 2.1.0

Scenario 2 overview - sysplex distributor load balancing to ... - IBM
The CPC in site 1 (CPC1) uses a CPCSCOPE DVIPA that belongs to the site 1 datapower subnet, 201.16.1.10. The CPC in site 2 (CPC2) has another ...
Date: August 8, 2014 | Found in: z/OS 2.1.0

Tip: Book identifiers are also helpful during basic searching. If you hover over a topic title link in the search results, the displayed URL will contain the identifier of the containing book.



Searching for a specific z/OS message

For z/OS, the majority of the message IDs are included in the title of the topic created for that message. Therefore, you can use the *intitle* search operator to find a specific message in IBM Knowledge Center.

Example: To search for message ICH408I, enter *intitle:ICH408I* as the search criteria.

IBM Knowledge Center

Sign In | English | ?

Search: intitle:ICH408I | Save Search

Search Filters: z/OS 2.1.0 Auto-select | Clear All | Add Products...

Table of Contents | My Collections | **Search Results**

Date Range: Past Week | Past Month | Past Year | Custom Range | Any Time

Tasks: Any Task

Operating Systems: Any Operating System

1 - 20 items | 20

ICH408I
USER (userid) GROUP (group-name) NAME (user-name) --or-- JOB (jobname) [SUBMITTER (userid)] [PRIMARY USER (userid) ...]
Date: October 31, 2014 | Found in: z/OS 2.1.0

ICH408I
A user attempted to access the system specifying a password phrase that is not a valid password phrase for a protected user ID.
Date: October 31, 2014 | Found in: z/OS 2.1.0

ICH408I
A user attempted to: log on to the system; submit a job; perform a transaction, or; in general, cause some unit of work to be initiated from a RACF® defined port ...
Date: October 31, 2014 | Found in: z/OS 2.1.0

ICH408I
LOGON/JOB INITIATION - REVOKED USER ACCESS ATTEMPT.
Date: October 31, 2014 | Found in: z/OS 2.1.0

Tip: Multiple topics provide additional information about ICH408I. Add the *inurl* operator to the search criteria to narrow your search to a specific book.

Contact | Privacy | Terms of use | Accessibility | Feedback

Saving your search criteria

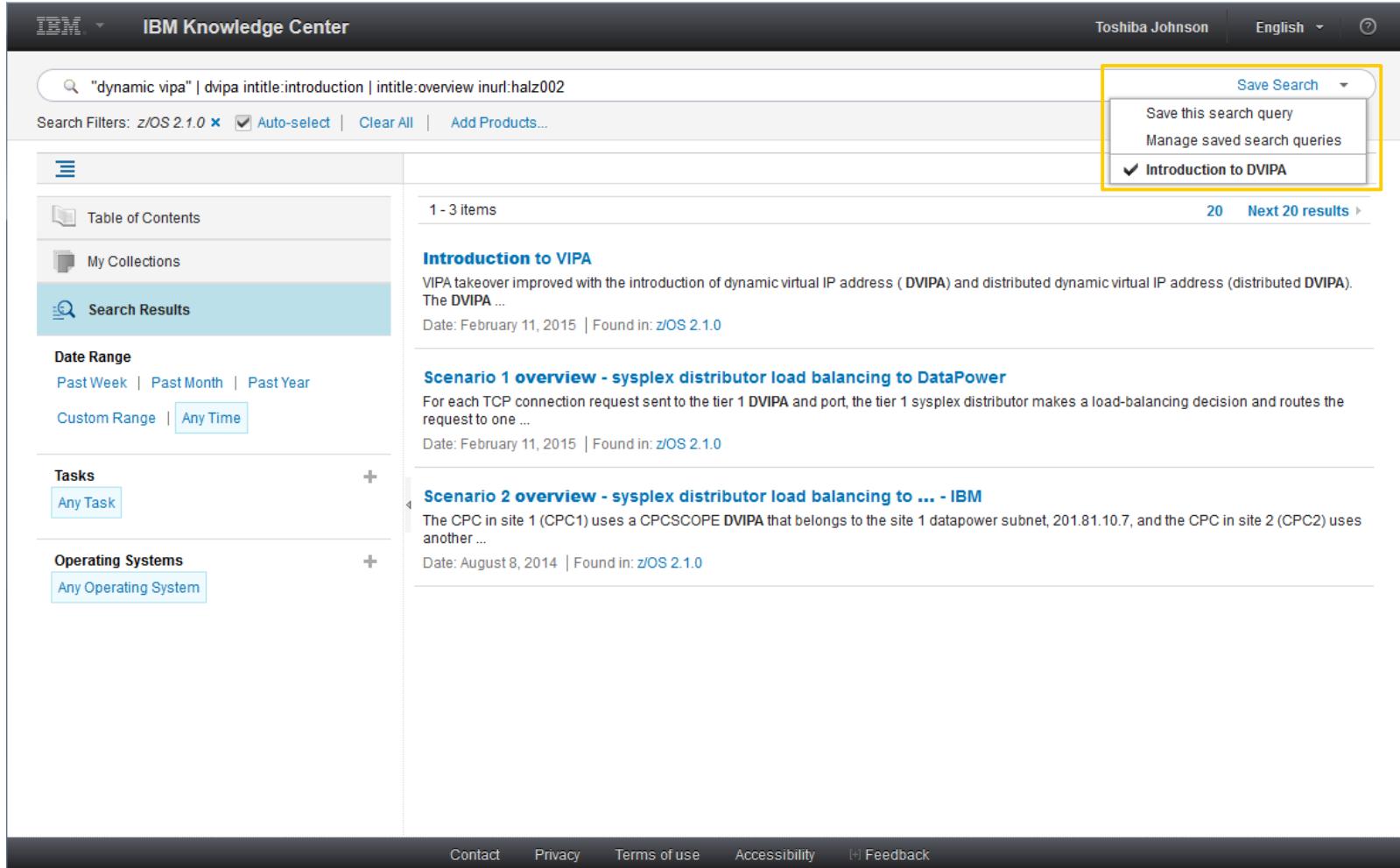
To find relevant content even faster in the future, bookmark the search URL that IBM Knowledge Center provides, or click **Save Search** to save your criteria.

The screenshot shows the IBM Knowledge Center search interface. At the top, a yellow box highlights the URL in the browser's address bar: `www-01.ibm.com/support/knowledgecenter/search/"dynamicvipa" | dvipa intitle%3Aintroduction | intitle%3Aoverview inurl%3Ahalz002?scope=SSLTBW_2.1.0`. A yellow callout bubble points to this URL with the text: "To share your search criteria, email this URL to others." To the right of the address bar, another yellow box highlights the **Save Search** button. A yellow callout bubble points to this button with the text: "When saving your search criteria, enter a name that is meaningful to you. For example, you could call this one *Introduction to DVIPA*." A modal dialog box is centered on the screen, titled "Name the Search". It contains a text input field with the search query: `"dynamicvipa" | dvipa intitle:introduction | intitle:over`. Below the input field, a note states: "You can save up to 10 searches. You have 10 remaining." At the bottom of the dialog are "Save" and "Cancel" buttons. The main search results page in the background shows 1-3 items found, with a title "Introduction to VIPA" and a brief description of DVIPA. The sidebar on the left includes sections for Table of Contents, My Collections, and Search Results, with "Search Results" currently selected.



Using your saved search criteria

IBM Knowledge Center lists your saved searches in the Save Search menu. You can save up to ten searches.



The screenshot shows the IBM Knowledge Center interface. The search bar at the top contains the query: "dynamic vipa" | dvipa intitle:introduction | intitle:overview inurl:halz002. Below the search bar, there are search filters: z/OS 2.1.0 (selected), Auto-select (checked), Clear All, and Add Products... On the left, there is a sidebar with sections for Table of Contents, My Collections, and Search Results (which is currently selected and highlighted in blue). Below these are Date Range (Past Week, Past Month, Past Year, Custom Range, Any Time), Tasks (Any Task), and Operating Systems (Any Operating System). The main content area displays search results for 'Introduction to VIPA', 'Scenario 1 overview - sysplex distributor load balancing to DataPower', and 'Scenario 2 overview - sysplex distributor load balancing to ... - IBM'. Each result includes a date (February 11, 2015 or August 8, 2014) and a found-in location (z/OS 2.1.0). In the top right corner, there is a 'Save Search' dropdown menu with options: Save this search query, Manage saved search queries, and Introduction to DVIPA. The 'Introduction to DVIPA' option is highlighted with a yellow box. The footer of the page includes links for Contact, Privacy, Terms of use, Accessibility, and Feedback.

IBM Knowledge Center

Toshiba Johnson English ?

Search: "dynamic vipa" | dvipa intitle:introduction | intitle:overview inurl:halz002

Search Filters: z/OS 2.1.0 Auto-select Clear All Add Products...

Table of Contents

My Collections

Search Results

Date Range

Past Week | Past Month | Past Year

Custom Range | Any Time

Tasks

Any Task

Operating Systems

Any Operating System

Save Search

Save this search query

Manage saved search queries

✓ Introduction to DVIPA

1 - 3 items

20 Next 20 results ▶

Introduction to VIPA

VIPA takeover improved with the introduction of dynamic virtual IP address (DVIPA) and distributed dynamic virtual IP address (distributed DVIPA). The DVIPA ...

Date: February 11, 2015 | Found in: z/OS 2.1.0

Scenario 1 overview - sysplex distributor load balancing to DataPower

For each TCP connection request sent to the tier 1 DVIPA and port, the tier 1 sysplex distributor makes a load-balancing decision and routes the request to one ...

Date: February 11, 2015 | Found in: z/OS 2.1.0

Scenario 2 overview - sysplex distributor load balancing to ... - IBM

The CPC in site 1 (CPC1) uses a CPCSCOPE DVIPA that belongs to the site 1 datapower subnet, 201.81.10.7, and the CPC in site 2 (CPC2) uses another ...

Date: August 8, 2014 | Found in: z/OS 2.1.0

Contact Privacy Terms of use Accessibility Feedback



Using Multiple Tools and Methods to Enhance Search Results

Use IBM Softcopy Reader to organize and search across multiple PDFs

1. Download and configure IBM Softcopy Reader for Windows V4.0:
<http://www.ibm.com/support/docview.wss?uid=swg24001220>.
2. Use one or more of the following methods to download the PDFs in which you are interested:
 - Use IBM Softcopy Librarian (www.ibm.com/support/docview.wss?uid=swg24000640) to download entire PDF collection kits or specific PDFs. You can create multiple repositories on your workstation, on a network drive, or natively on z/OS. Once established, Softcopy Librarian helps keep your repositories current by flagging new and updated documents.
 - Manually download PDFs from the z/OS V2R1 Elements and Features Documentation Download page: www.ibm.com/systems/z/os/zos/library/bkserv/v2r1pdf/.
 - Manually download PDFs from the IBM Publications Center: www.ibm.com/e-business/linkweb/publications/servlet/pbi.wss. To do so, search for “z/OS V2R1 Collection” or publication number “SK4T-4949” (English).
3. In IBM Softcopy Reader, specify the location of the PDFs. Then, organize and search away!



Set up and use an offline, Windows-based IBM information center

1. On the IBM Publications Center (www.ibm.com/e-business/linkweb/publications/servlet/pbi.wss), search for and download SK5T-7089-03, which is the ISO file for the z/OS V1R13 information center DVD.
2. Burn a DVD from the ISO file.
3. Use the DVD on your workstation to install the z/OS V1R13 information center. If you're happy with V1R13 content, stop here. If you instead need z/OS V2R1 content, though, continue to the next step.
4. Again on the IBM Publications Center, search for and download SC27-8400, which is a zip file of the z/OS V2R1 information center plug-ins.
 - **Note:** If you also want the V2R1 PDFs, download the collection as discussed previously.
5. Unzip the contents of the zip file to a temporary folder.
6. Open the V1R13 information center plugins directory, which is typically at C:\Program Files (x86)\IBM\zOS V1R13 Information Center\eclipse\plugins\ .
7. Delete all plug-ins with “v1r13” in the directory title and replace them with the V2R1 plug-ins.
8. Rename icons to reflect the V2R1 content.
9. Using the Windows start menu, launch the V2R1 information center. In the command prompt window that opens, note the port number.
10. In a browser, go to <http://localhost:nnnn>, where *nnnn* is the noted port number.



Use IBM BookManager to search for content in V1R13, then note its location

IBM BookManager for V1R13: www.ibm.com/systems/z/os/zos/library/bkserv/v1r13books.html

After finding the content you want, click the picture frame icon to determine your location in the library. Using the table of contents for the current z/OS release in IBM Knowledge Center, navigate to the same book and section to see the current information.

 **Search Results for a Shelf**

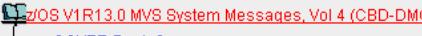
Search results for shelf: *all13be9 "z/OS V1R13 Base Elements Optional Features (September 2012)"*

2 documents have matches for: **CSV009I**

 [iea2m4c1 z/OS V1R13.0 MVS System Messages, Vol 4 \(CBD-DMO\)](#)

 [iea2h7c2 z/OS V1R13.0 MVS System Codes](#)

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 **z/OS V1R13.0 MVS System Messages, Vol 4 (CBD-DMO)**

COVER Book Cover
NOTICES Notices
EDITION Edition Notice
CONTENTS Table of Contents
PREFACE About this document
FRONT_1 How to send your comments to IBM
CHANGES Summary of changes
1.0 Introduction
2.0 CBDA messages
3.0 CBR messages
4.0 CEA messages
5.0 CIM messages
6.0 C/C++ class library runtime messages
7.0 CMP messages
8.0 CNL messages
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10.0 CNZH messages
11.0 CNZZ messages
12.0 COF messages
13.0 CPO messages
14.0 CRG messages
15.0 CRU messages
16.0 CSR messages
17.0 CSV messages

 **z/OS V1R13.0 MVS System Messages, Vol 4 (CBD-DMO): 17.11**
Document Number: SA22-7634-22 © Copyright IBM Corp. 1988, 2012

17.11 **CSV009I**

CSV009I REQUESTED MODULE *mod* NOT ACCESSED, IS LOADABLE ONLY

Explanation: A LINK, XCTL, or ATTACH macro attempted to access module *mod*.

In the message text:

mod
The name of the requested module.

System Action: The task ends, unless ERRET is specified.

Application Programmer Response: Rewrite the program so that it loads, but

System Programmer Response: If the error recurs and the program is not in e for the problem. If no fix exists, contact the IBM Support Center. Provide the so

Source: Contents supervision (CSV)





New and Upcoming Documentation Solutions

Using IBM Knowledge Center mobile beta to access documentation on your mobile device

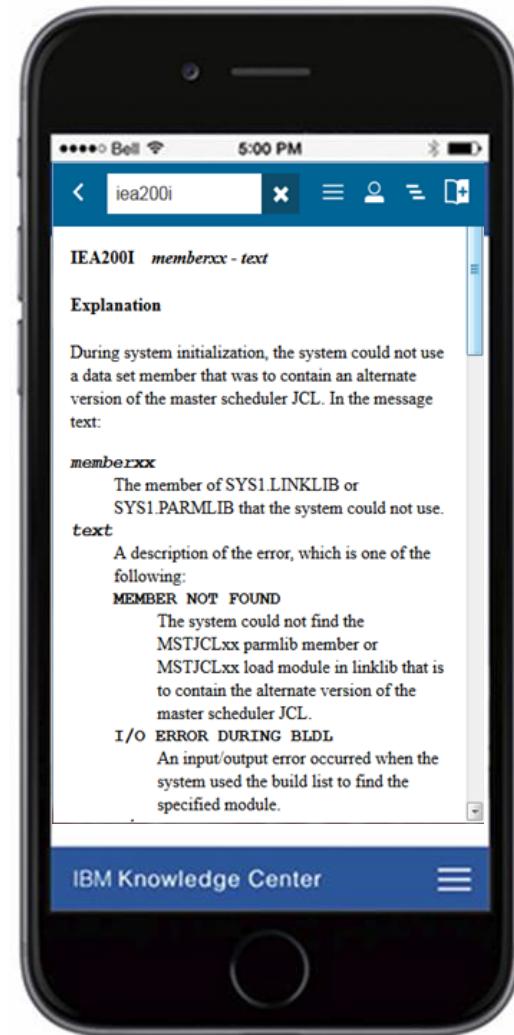
The new IBM Knowledge Center mobile beta is available and supports iOS and Android. Access it at

www.ibm.com/support/knowledgecenter/mobile/.

With the mobile version, you can:

- Search all of IBM Knowledge Center
- Filter your searches by product
- Preview search results
- Read topics and get context with mobile-friendly breadcrumbs
- Log in and add topics to "My Collections" so you can read them later on a desktop
 - When you sign in from a desktop, the topics you added are shown in a special entry called "Added from IBM Knowledge Center Mobile"

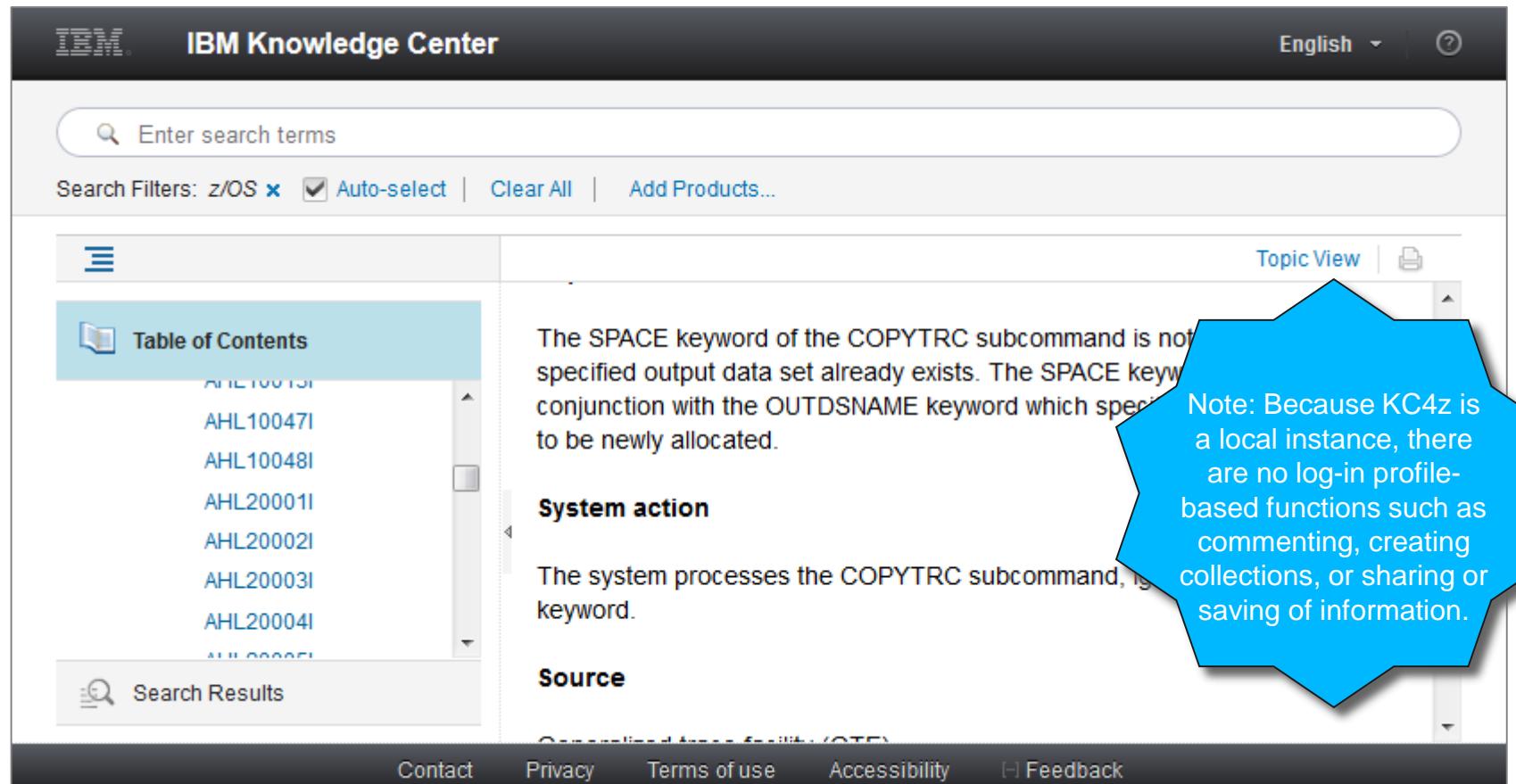
IBM Knowledge Center mobile beta also lets you switch back to the full desktop site from the options page.



Coming in V2R2: IBM Knowledge Center for z/OS (KC4z)

KC4z is a new base element of z/OS V2R2 that provides the ability to display, navigate, and search content in a local, optionally disconnected environment.

KC4z is an SMP/E packaging of the IBM Knowledge Center Customer Installed version 1.5.1. It is a Java web application that is deployed by the WebSphere Liberty Profile that is packaged with the z/OSMF base element, though it will create its own instance from those binaries.



The screenshot shows the IBM Knowledge Center for z/OS (KC4z) interface. The top navigation bar includes the IBM logo, the title "IBM Knowledge Center", a language selector set to "English", and a help icon. Below the title is a search bar with the placeholder "Enter search terms" and a magnifying glass icon. Underneath the search bar are "Search Filters" with "z/OS" selected, an "Auto-select" checkbox (which is checked), and buttons for "Clear All" and "Add Products...".

The left sidebar contains a "Table of Contents" section with a list of topics: AHL10013I, AHL10047I, AHL10048I, AHL20001I, AHL20002I, AHL20003I, AHL20004I, and AHL20005I. Below the table of contents is a "Search Results" section with a magnifying glass icon.

The main content area displays a topic about the COPYTRC subcommand. The topic includes a "System action" section describing the processing of the subcommand and a "Source" section. A blue callout box with a white border and a black arrow points from the bottom right towards the "Source" section. The callout box contains the text: "Note: Because KC4z is a local instance, there are no log-in profile-based functions such as commenting, creating collections, or sharing or saving of information."

At the bottom of the page are links for "Contact", "Privacy", "Terms of use", "Accessibility", and "Feedback".

Coming in V2R2: Enhanced IBM Softcopy Librarian

In z/OS V2R2, IBM Softcopy Librarian will start supporting IBM Knowledge Center documentation plug-ins so that you can use it to download z/OS or other IBM product documentation plug-ins and organize them to your liking in one or more KC4z instances. You can also manually add content to KC4z by copying it to z/OS directories.

For more information, see the z/OS V2R2 preview announcement:

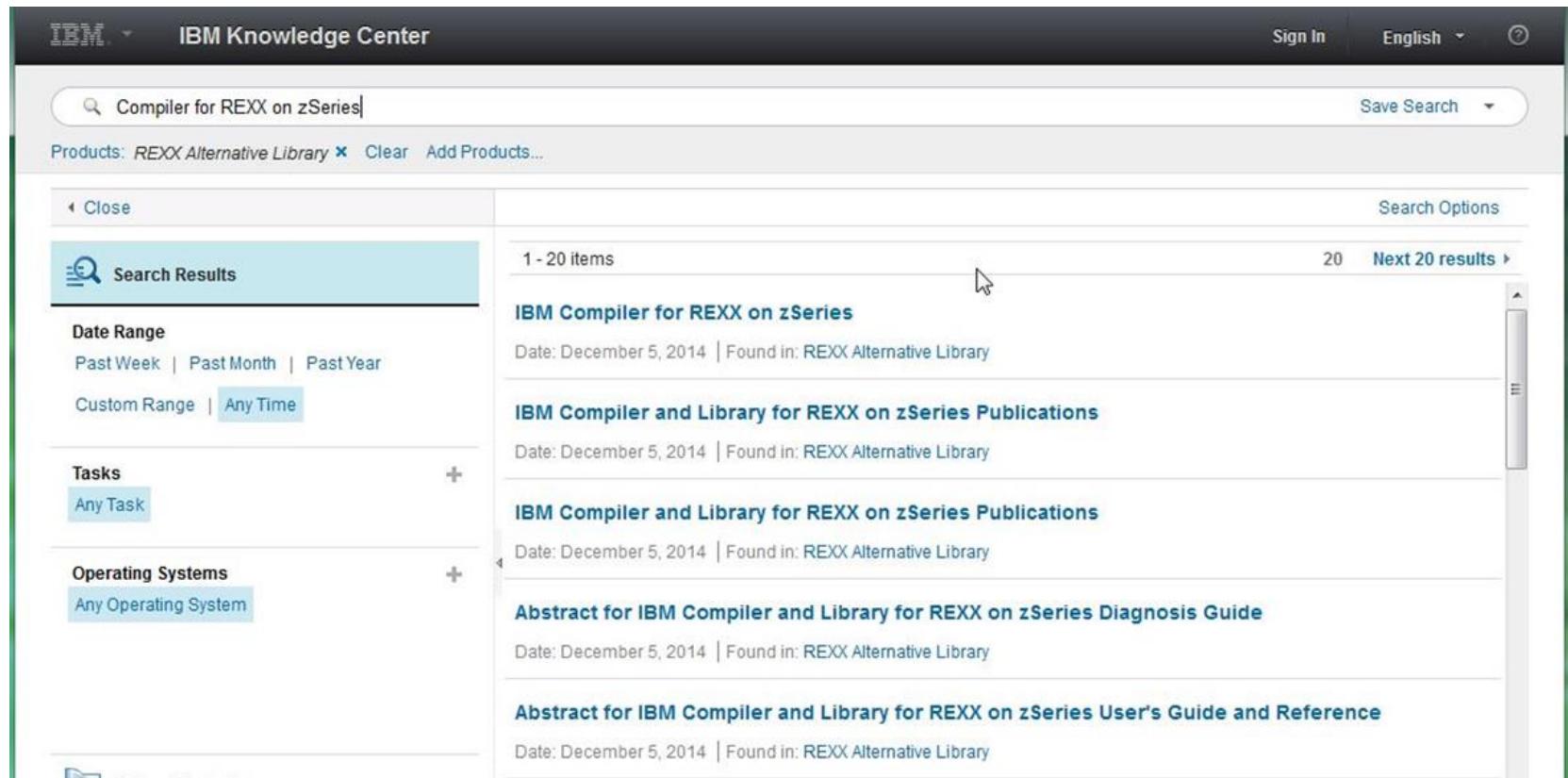
www.ibm.com/common/ssi>ShowDoc.wss?docURL=/common/ssi/rep_ca/6/897/ENUS215-006/index.html.



Coming soon: z/OS documentation search tool for IBM Knowledge Center

We're soon unveiling a tool on the z/OS Internet Library (www.ibm.com/systems/z/os/zos/library/bkserv/) that will let you search across individual z/OS element libraries. See Geoff Smith's SHARE presentation at share.confex.com/share/124/webprogram/Session16708.html for details.

Scope results to one element library:

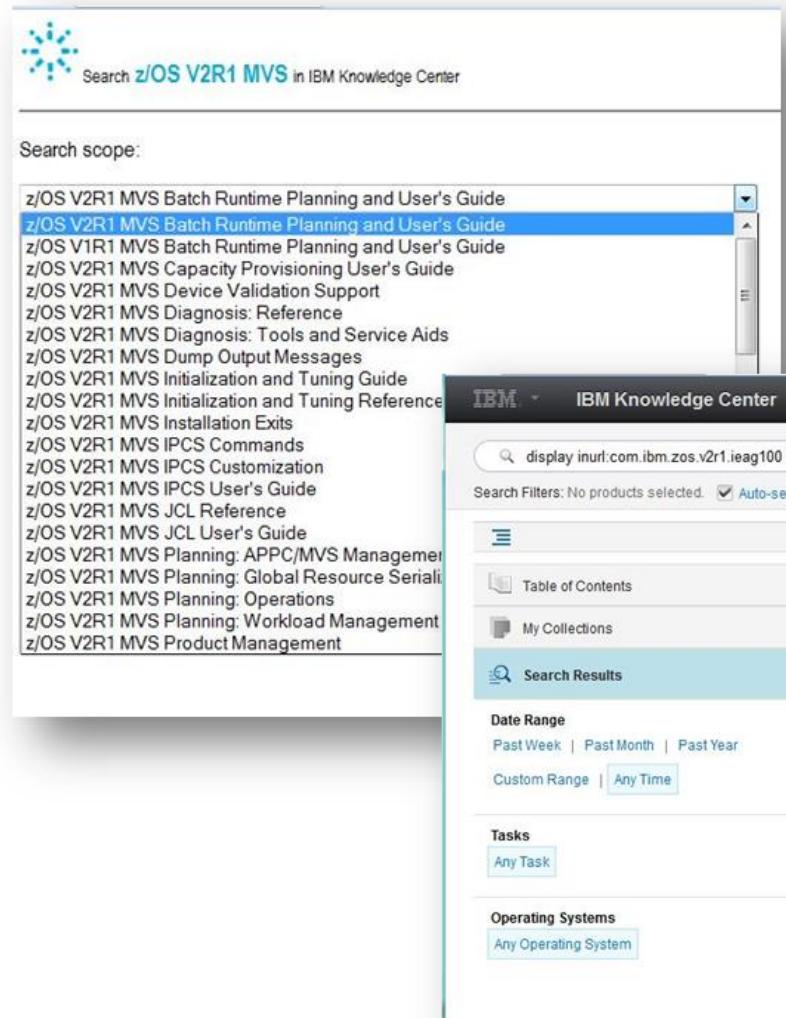


The screenshot shows the IBM Knowledge Center search interface. The search bar at the top contains the query "Compiler for REXX on zSeries". Below the search bar, the "Products" dropdown is set to "REXX Alternative Library". The search results are displayed in a table format. The first result is "IBM Compiler for REXX on zSeries", followed by "IBM Compiler and Library for REXX on zSeries Publications", "Abstract for IBM Compiler and Library for REXX on zSeries Diagnosis Guide", and "Abstract for IBM Compiler and Library for REXX on zSeries User's Guide and Reference". Each result includes a date (December 5, 2014) and a "Found in: REXX Alternative Library" link. The sidebar on the left includes filters for "Date Range" (Past Week, Past Month, Past Year, Custom Range, Any Time), "Tasks" (Any Task), and "Operating Systems" (Any Operating System). The top right corner shows "Sign In", "English", and a help icon.

Result	Date	Found in
IBM Compiler for REXX on zSeries	December 5, 2014	REXX Alternative Library
IBM Compiler and Library for REXX on zSeries Publications	December 5, 2014	REXX Alternative Library
Abstract for IBM Compiler and Library for REXX on zSeries Diagnosis Guide	December 5, 2014	REXX Alternative Library
Abstract for IBM Compiler and Library for REXX on zSeries User's Guide and Reference	December 5, 2014	REXX Alternative Library

Coming soon: z/OS documentation search tool for IBM Knowledge Center

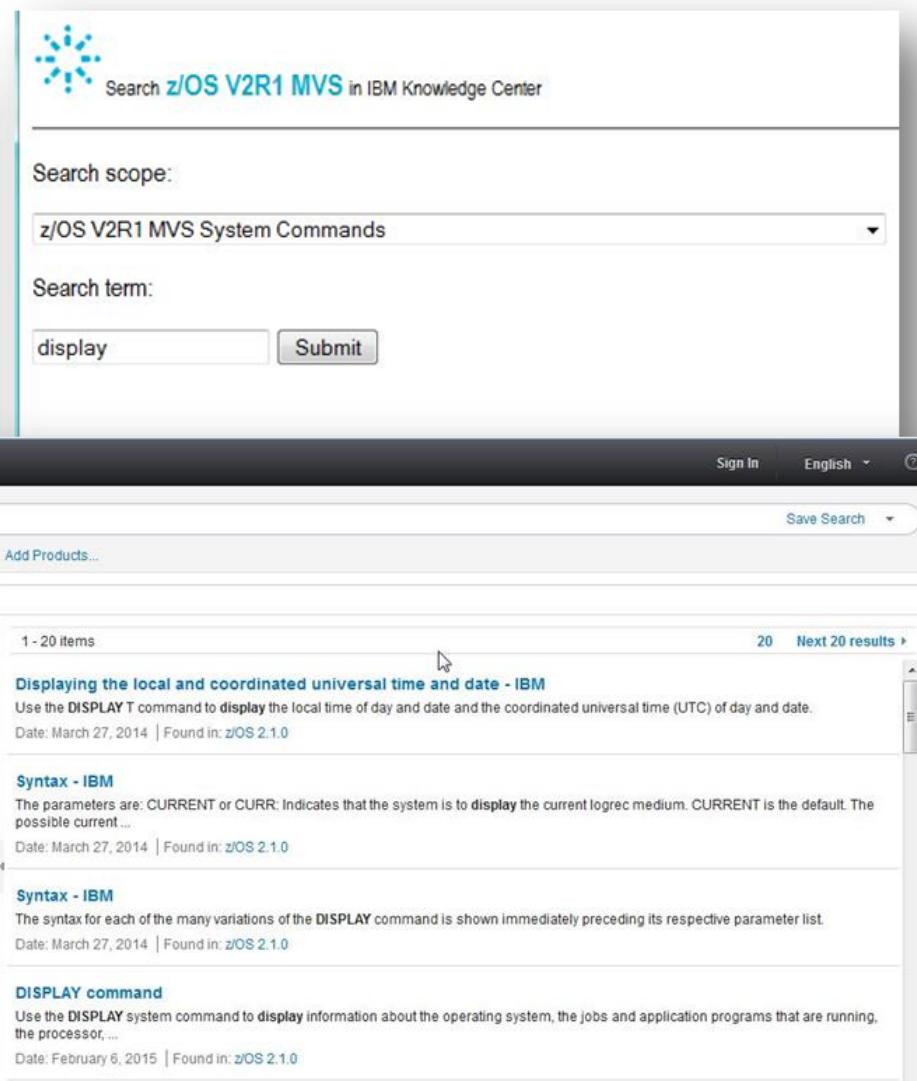
Scope results to a single book:



Search z/OS V2R1 MVS in IBM Knowledge Center

Search scope:

- z/OS V2R1 MVS Batch Runtime Planning and User's Guide
- z/OS V2R1 MVS Batch Runtime Planning and User's Guide**
- z/OS V1R1 MVS Batch Runtime Planning and User's Guide
- z/OS V2R1 MVS Capacity Provisioning User's Guide
- z/OS V2R1 MVS Device Validation Support
- z/OS V2R1 MVS Diagnosis: Reference
- z/OS V2R1 MVS Diagnosis: Tools and Service Aids
- z/OS V2R1 MVS Dump Output Messages
- z/OS V2R1 MVS Initialization and Tuning Guide
- z/OS V2R1 MVS Initialization and Tuning Reference
- z/OS V2R1 MVS Installation Exits
- z/OS V2R1 MVS IPCS Commands
- z/OS V2R1 MVS IPCS Customization
- z/OS V2R1 MVS IPCS User's Guide
- z/OS V2R1 MVS JCL Reference
- z/OS V2R1 MVS JCL User's Guide
- z/OS V2R1 MVS Planning: APPC/MVS Management
- z/OS V2R1 MVS Planning: Global Resource Serialization
- z/OS V2R1 MVS Planning: Operations
- z/OS V2R1 MVS Planning: Workload Management
- z/OS V2R1 MVS Product Management



Search z/OS V2R1 MVS in IBM Knowledge Center

Search scope:

z/OS V2R1 MVS System Commands

Search term:

display

Submit

IBM Knowledge Center

Sign In English

display inurl:com.ibm.zos.v2r1.ieag100

Search Filters: No products selected. Auto-select | Add Products...

Table of Contents | My Collections | **Search Results**

1 - 20 items | 20 | Next 20 results

Displaying the local and coordinated universal time and date - IBM
Use the DISPLAY T command to display the local time of day and date and the coordinated universal time (UTC) of day and date.
Date: March 27, 2014 | Found in: z/OS 2.1.0

Syntax - IBM
The parameters are: CURRENT or CURR: Indicates that the system is to display the current logrec medium. CURRENT is the default. The possible current...
Date: March 27, 2014 | Found in: z/OS 2.1.0

Syntax - IBM
The syntax for each of the many variations of the DISPLAY command is shown immediately preceding its respective parameter list.
Date: March 27, 2014 | Found in: z/OS 2.1.0

DISPLAY command
Use the DISPLAY system command to display information about the operating system, the jobs and application programs that are running, the processor, ...
Date: February 6, 2015 | Found in: z/OS 2.1.0



Questions?

Optional Survey: IBM Knowledge Center



Thank you!

Additional Details

Searching across multiple z/OS products

To search across multiple z/OS products, click **Add Products**. Then, select the products to include in the search.

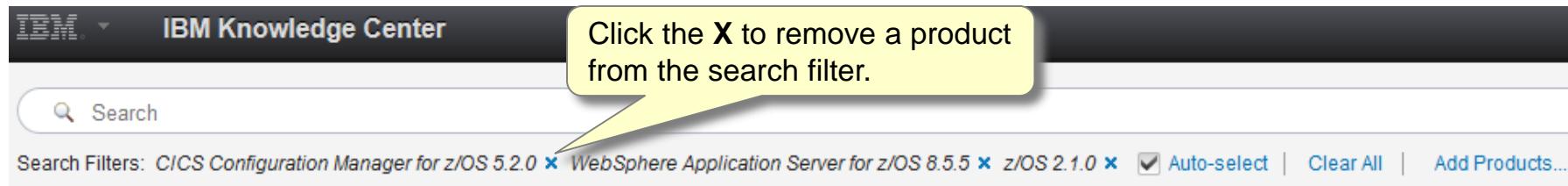
The screenshot shows the IBM Knowledge Center interface with a search bar and a sidebar for navigating z/OS products. A yellow box highlights the 'Add Products' button in the top right of the search bar. A yellow arrow points from this button to the 'Add Products' dialog box, which is overlaid on the main search results. The dialog box contains a search bar for 'Enter product name' and a list of products categorized into sections: 'CICS Configuration Manager for z/OS', 'CICS Deployment Assistant for z/OS', 'CICS Interdependency Analyzer for z/OS', 'CICS Online Transmission Time Optimizer for z/OS', 'CICS Operational Insights', 'CICS Performance Analyzer for z/OS', 'CICS VSAM Recovery for z/OS', 'CICS VSAM Transparency for z/OS', 'IBM Session Manager for z/OS', 'CICS Transaction Gateway', 'CICS Transaction Server', 'System z Operating Systems', 'z/OS', 'WebSphere Application Server for z/OS', and 'WebSphere Application Server for z/OS 8.5.5'. Several checkboxes are checked, such as 'CICS Configuration Manager for z/OS 5.2.0', 'z/OS 2.1.0', and 'WebSphere Application Server for z/OS 8.5.5'. Buttons for 'Apply' and 'Clear All' are at the bottom of the dialog box.

Tip: To locate a product in the Add Products window, scroll through the list or type the name of the product. Previous selections are preserved if you type a new product name.



Searching across multiple z/OS products continued

Each product you selected will be listed in the **Search Filters** field.



IBM Knowledge Center

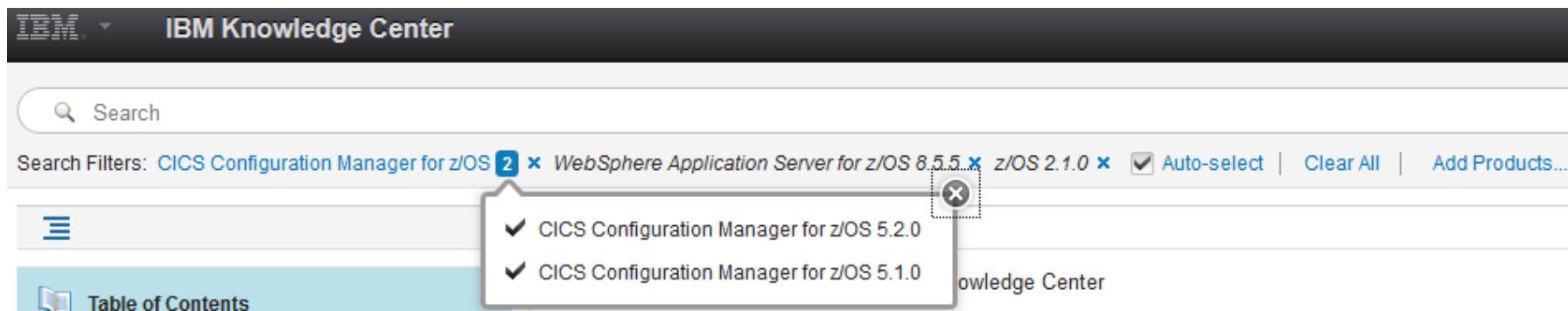
Search

Search Filters: CICS Configuration Manager for z/OS 5.2.0 x WebSphere Application Server for z/OS 8.5.5 x z/OS 2.1.0 x Auto-select | Clear All | Add Products...

Click the X to remove a product from the search filter.

This screenshot shows the search filters interface in the IBM Knowledge Center. It displays three selected products: 'CICS Configuration Manager for z/OS 5.2.0', 'WebSphere Application Server for z/OS 8.5.5', and 'z/OS 2.1.0'. A yellow callout box with the text 'Click the X to remove a product from the search filter.' points to the 'x' icon next to the 'z/OS 2.1.0' entry. Below the filters, there are buttons for 'Auto-select', 'Clear All', and 'Add Products...'. The interface is dark-themed with light-colored text and buttons.

If you selected multiple versions of the same product, a number follows the product name indicating the number of versions selected. Place your cursor over the number to obtain a list of the product versions.



IBM Knowledge Center

Search

Search Filters: CICS Configuration Manager for z/OS 2 x WebSphere Application Server for z/OS 8.5.5 x z/OS 2.1.0 x Auto-select | Clear All | Add Products...

Table of Contents

knowledge Center

✓ CICS Configuration Manager for z/OS 5.2.0
✓ CICS Configuration Manager for z/OS 5.1.0

This screenshot shows the search filters interface in the IBM Knowledge Center. It displays three selected products: 'CICS Configuration Manager for z/OS' (version 2 selected), 'WebSphere Application Server for z/OS 8.5.5', and 'z/OS 2.1.0'. A callout box with a dashed border highlights the '2' next to the 'CICS Configuration Manager for z/OS' entry, indicating multiple versions are selected. A mouse cursor is hovering over this '2'. A list of versions is displayed: 'CICS Configuration Manager for z/OS 5.2.0' and 'CICS Configuration Manager for z/OS 5.1.0'. The 'Table of Contents' and 'knowledge Center' buttons are visible at the bottom. The interface is dark-themed with light-colored text and buttons.

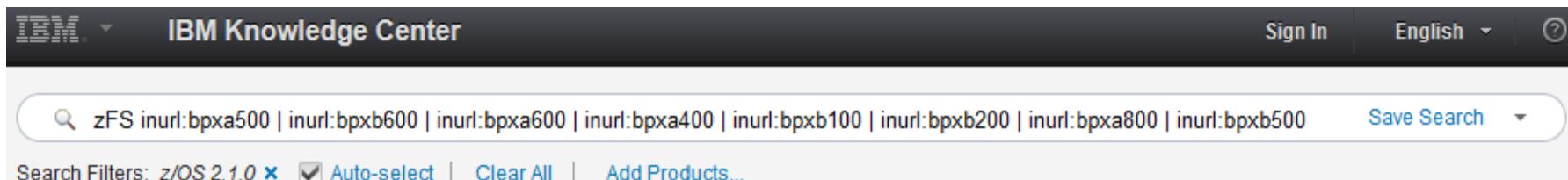
Searching an entire z/OS element

To search an entire z/OS element, in the search criteria, include an *inurl* search operator for each book in the element.

Example: The following books are included in the z/OS UNIX System Services element:

Book Title	Book Identifier
z/OS UNIX System Services Command Reference	bpxa500
z/OS Using REXX and z/OS UNIX System Services	bpxb600
z/OS UNIX System Services Programming Tools	bpxa600
z/OS UNIX System Services User's Guide	bpxa400
z/OS UNIX System Services Programming: Assembler Callable Services Reference	bpxb100
z/OS UNIX System Services Planning	bpxb200
z/OS UNIX System Services Messages and Codes	bpxa800
z/OS UNIX System Services File System Interface Reference	bpxb500

To search for the acronym *zFS* in the z/OS V2R1 version of this element, use the following search string in IBM Knowledge Center:



The screenshot shows the IBM Knowledge Center search interface. The search bar contains the query: "zFS inurl:bpxa500 | inurl:bpxb600 | inurl:bpxa600 | inurl:bpxa400 | inurl:bpxb100 | inurl:bpxb200 | inurl:bpxa800 | inurl:bpxb500". Below the search bar, there are search filters: "z/OS 2.1.0" (selected), "Auto-select" (checked), "Clear All", and "Add Products...". The interface also includes "Sign In" and "English" buttons.

Searching for a specific z/OS message

For z/OS, the majority of the message IDs are included in the title of the topic created for that message. Therefore, you can use the *intitle* search operator to find a specific message in IBM Knowledge Center.

Example: To search for message ICH408I, enter *intitle:ICH408I* as the search criteria.



IBM Knowledge Center

Sign In | English | ?

Search: intitle:ICH408I | Save Search

Search Filters: z/OS 2.1.0 Auto-select | Clear All | Add Products...

Table of Contents | My Collections | **Search Results**

1 - 20 items | 20

ICH408I
USER (userid) GROUP (group-name) NAME (user-name) --or-- JOB (jobname) [SUBMITTER (userid)] [PRIMARY USER (userid) ...]
Date: October 31, 2014 | Found in: z/OS 2.1.0

ICH408I
A user attempted to access the system specifying a password phrase that is not valid.
Date: October 31, 2014 | Found in: z/OS 2.1.0

ICH408I
A user attempted to: log on to the system; submit a job; perform a transaction, or; in general, cause some unit of work to be initiated from a RACF® defined port ...
Date: October 31, 2014 | Found in: z/OS 2.1.0

ICH408I
LOGON/JOB INITIATION - REVOKED USER ACCESS ATTEMPT.
Date: October 31, 2014 | Found in: z/OS 2.1.0

Tasks | Any Task

Operating Systems | Any Operating System

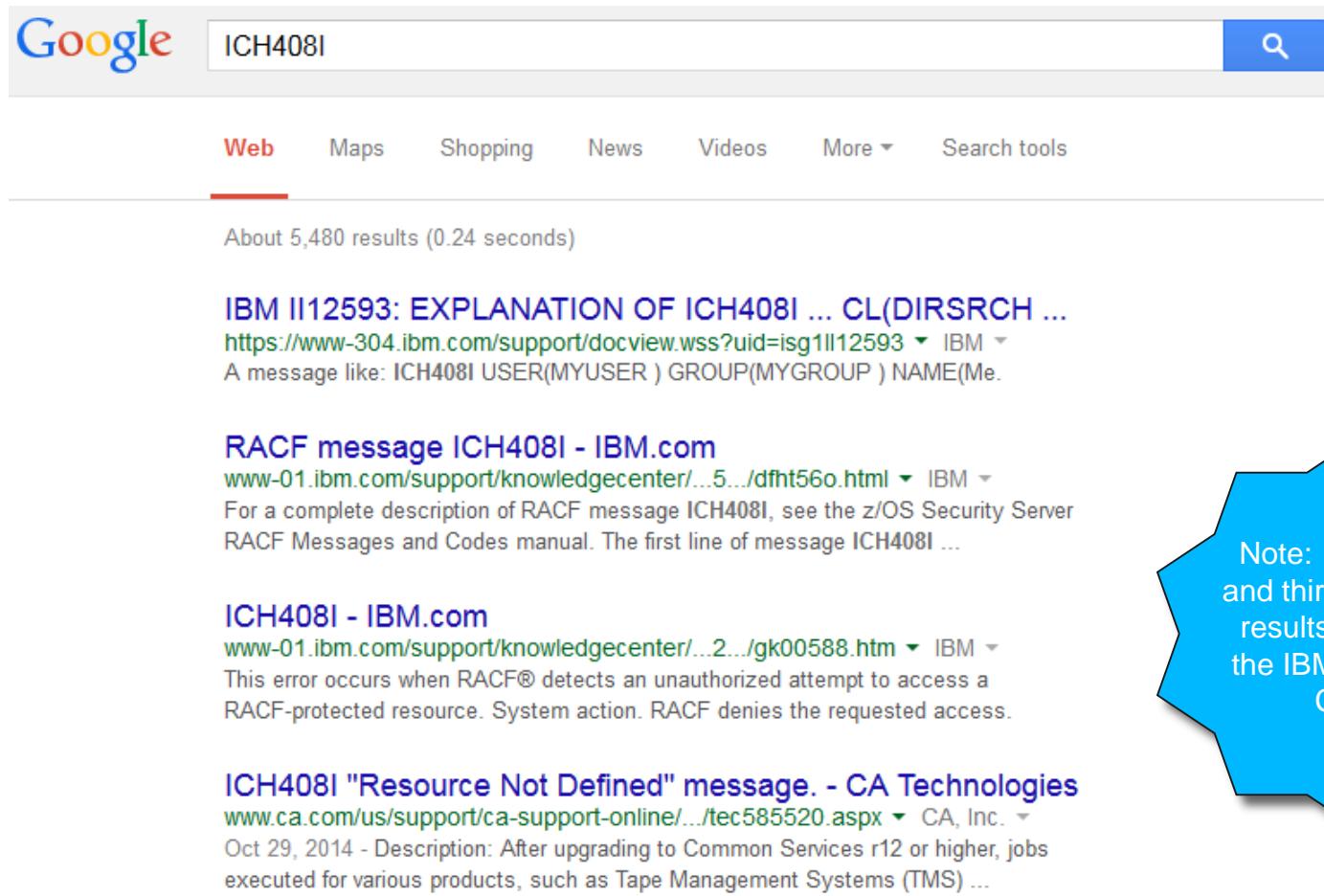
Contact | Privacy | Terms of use | Accessibility | Feedback

Tip: Multiple topics provide additional information about ICH408I. Add the *inurl* operator to the search criteria to narrow your search to a specific book.

Locating content in IBM Knowledge Center using a Google search

The content in IBM Knowledge Center is searchable through a Google search.

Example: If you search Google for ICH408I, the following results are displayed:



Google search results for "ICH408I" showing the following results:

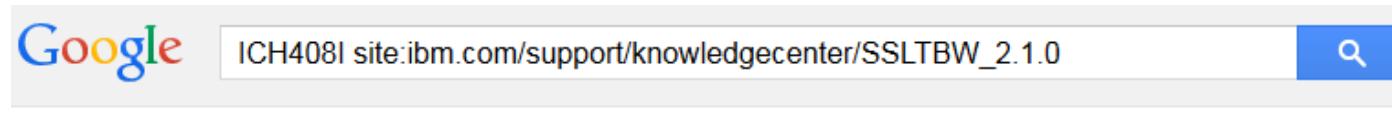
- Web** Maps Shopping News Videos More ▾ Search tools
- About 5,480 results (0.24 seconds)
- IBM II12593: EXPLANATION OF ICH408I ... CL(DIRSRCH ...**
<https://www-304.ibm.com/support/docview.wss?uid=isg1II12593> ▾ IBM ▾
A message like: ICH408I USER(MYUSER) GROUP(MYGROUP) NAME(Me).
- RACF message ICH408I - IBM.com**
www-01.ibm.com/support/knowledgecenter/...5.../dfht560.html ▾ IBM ▾
For a complete description of RACF message ICH408I, see the z/OS Security Server RACF Messages and Codes manual. The first line of message ICH408I ...
- ICH408I - IBM.com**
www-01.ibm.com/support/knowledgecenter/...2.../gk00588.htm ▾ IBM ▾
This error occurs when RACF® detects an unauthorized attempt to access a RACF-protected resource. System action. RACF denies the requested access.
- ICH408I "Resource Not Defined" message. - CA Technologies**
www.ca.com/us/support/ca-support-online/.../tec585520.aspx ▾ CA, Inc. ▾
Oct 29, 2014 - Description: After upgrading to Common Services r12 or higher, jobs executed for various products, such as Tape Management Systems (TMS) ...

Note: The second and third items in the results take you to the IBM Knowledge Center.



Locating content in IBM Knowledge Center using a Google search continued

To narrow the Google search results to z/OS V2R1 content in IBM Knowledge Center, add the *site* operator to your search criteria.



About 176 results (0.34 seconds)

ICH408I - IBM

www-01.ibm.com/support/knowledgecenter/...2.1.../idg4770.htm ▾ IBM ▾
A user attempted to access the system specifying a password phrase that is not valid or specifying a password phrase for a protected user ID.

ICH408I - IBM.com

www-01.ibm.com/support/knowledgecenter/...2.../gk00598.htm ▾ IBM ▾
ICH408I z/OS Security Server RACF Messages and Codes SA23-2291-00. ICH408I.
LOGON/JOB INITIATION - NOT AUTHORIZED TO { class-name entity-name ...

ICH408I - IBM.com

www-01.ibm.com/support/knowledgecenter/...2.../gk00599.htm ▾ IBM ▾
LOGON/JOB INITIATION - REVOKED USER ACCESS ATTEMPT.

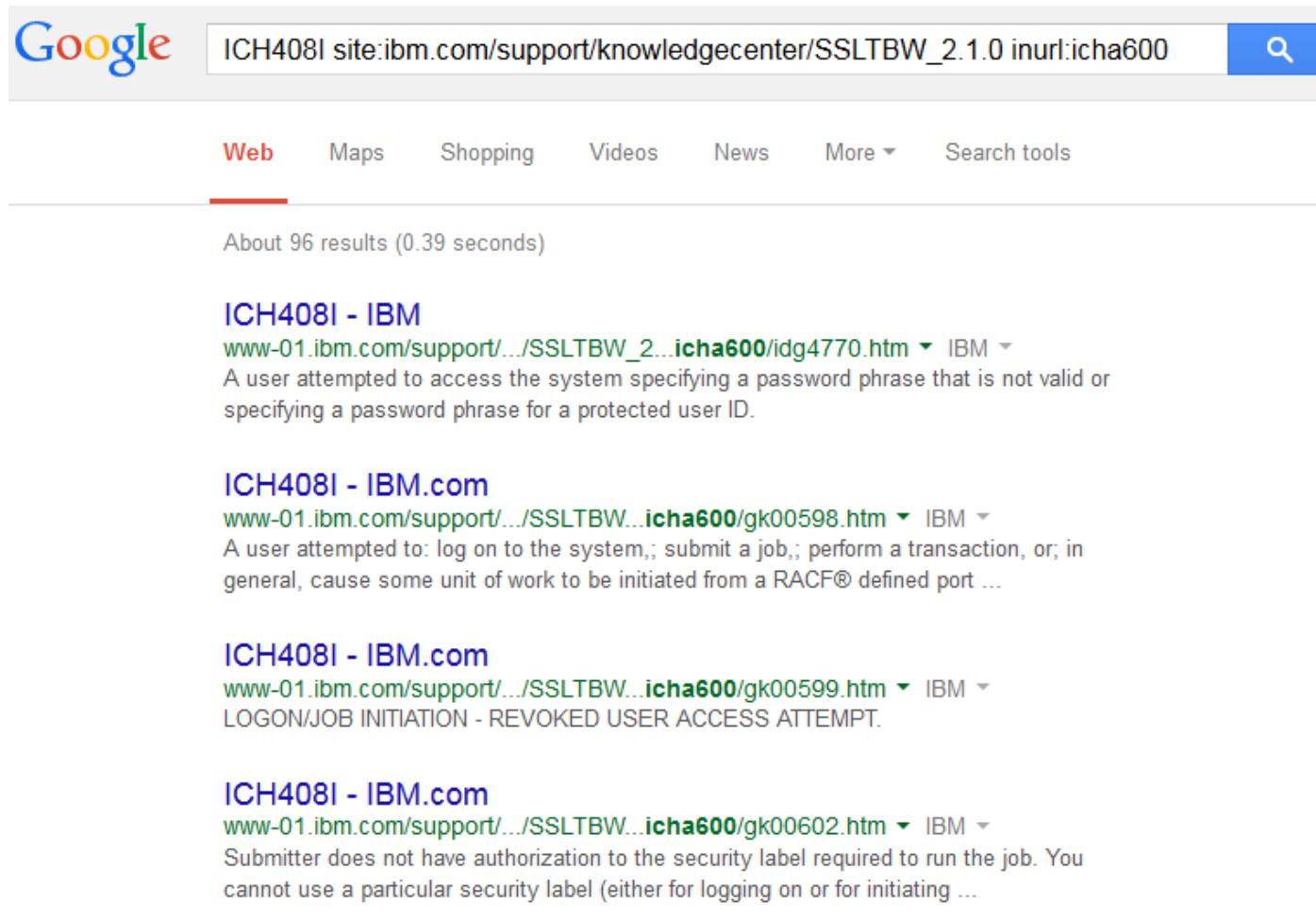
ICH408I - IBM.com

www-01.ibm.com/support/knowledgecenter/...2.../gk00570.htm ▾ IBM ▾
The user and group indicated in the first line of the ICH408I message are the execution user ID and group ID under which the job was to run. If the message ...



Locating content in IBM Knowledge Center using a Google search continued

To narrow the Google search results to the *z/OS Security Server RACF Messages and Codes* book, add the *inurl* operator to your search criteria.



Google search results for the query `ICH408I site:ibm.com/support/knowledgecenter/SSLTBW_2.1.0 inurl:icha600`. The results are filtered to show only messages related to ICH408I and containing the string `icha600`.

Web Maps Shopping Videos News More ▾ Search tools

About 96 results (0.39 seconds)

ICH408I - IBM
www-01.ibm.com/support/.../SSLTBW_2...icha600/idg4770.htm ▾ IBM ▾
A user attempted to access the system specifying a password phrase that is not valid or specifying a password phrase for a protected user ID.

ICH408I - IBM.com
www-01.ibm.com/support/.../SSLTBW...icha600/gk00598.htm ▾ IBM ▾
A user attempted to: log on to the system,; submit a job,; perform a transaction, or; in general, cause some unit of work to be initiated from a RACF® defined port ...

ICH408I - IBM.com
www-01.ibm.com/support/.../SSLTBW...icha600/gk00599.htm ▾ IBM ▾
LOGON/JOB INITIATION - REVOKED USER ACCESS ATTEMPT.

ICH408I - IBM.com
www-01.ibm.com/support/.../SSLTBW...icha600/gk00602.htm ▾ IBM ▾
Submitter does not have authorization to the security label required to run the job. You cannot use a particular security label (either for logging on or for initiating ...



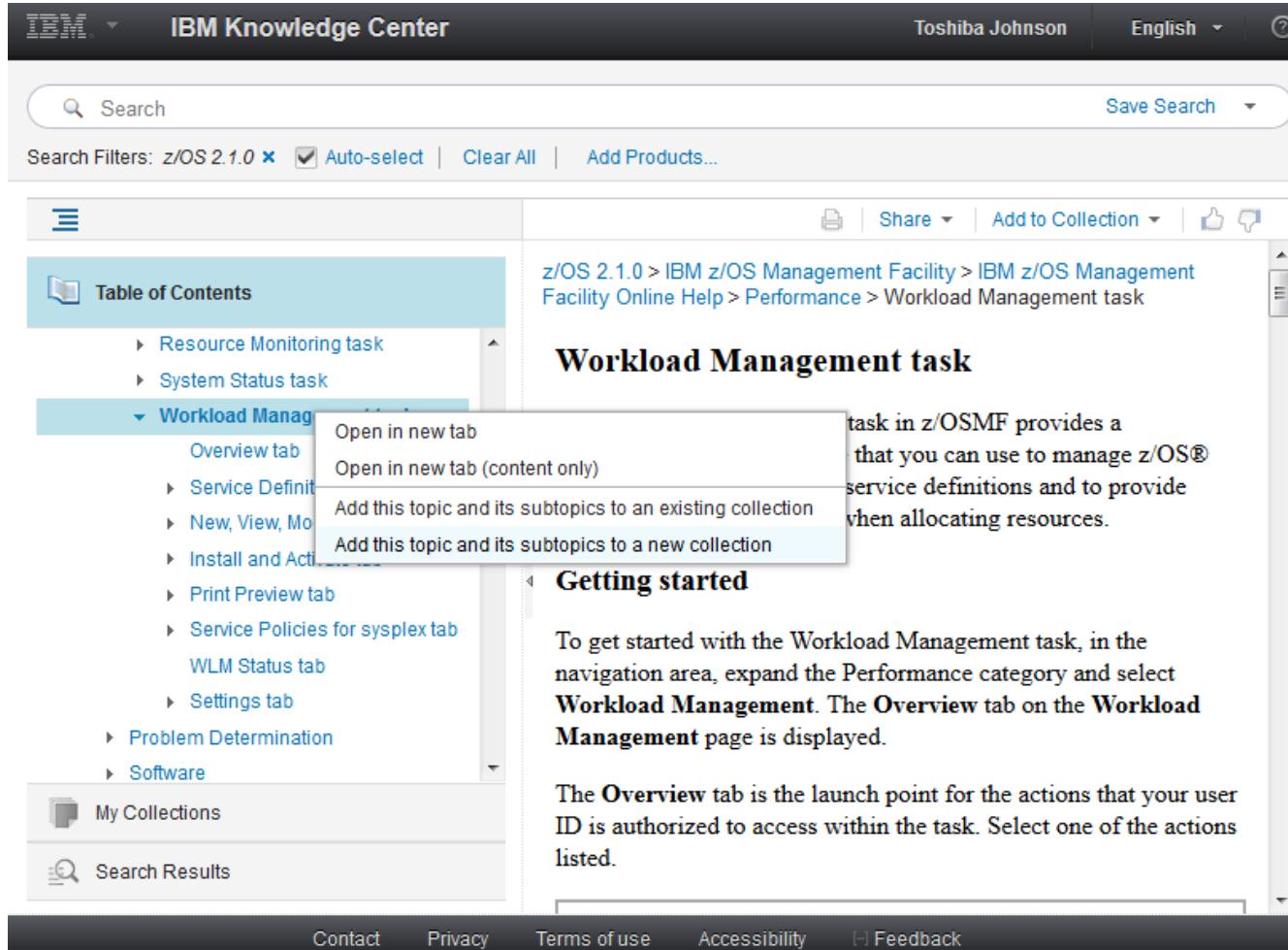
Locating content in IBM Knowledge Center using a Google search continued

Selecting the first item in the Google search results, opens IBM Knowledge Center and navigates directly to the selected topic.

The screenshot shows the IBM Knowledge Center interface. At the top, there is a navigation bar with the IBM logo, a search bar, and language selection (English). Below the navigation bar is a search filters section with 'z/OS 2.1.0' selected, an 'Auto-select' checkbox, and buttons for 'Clear All' and 'Add Products...'. The main content area has a 'Table of Contents' sidebar on the left. The main pane displays a breadcrumb trail: 'z/OS 2.1.0 > z/OS Security Server RACF > z/OS Security Server RACF Messages and Codes > ICH Messages for the system operator > RACF processing messages > ICH408I'. A callout bubble points to this breadcrumb trail with the text: 'Use the breadcrumbs to determine your exact location within IBM Knowledge Center.' In the main pane, there is a 'z/OS z/OS Security Server RACF Messages and Codes' header with links for 'Previous topic', 'Next topic', 'Contents', 'Contact z/OS', 'Library', and 'PDF'. Below this is a section titled 'ICH408I' with the text 'z/OS Security Server RACF Messages and Codes SA23-2291-00'. A horizontal line separates this from the 'ICH408I' message text: 'ICH408I LOGON/JOB INITIATION - PASS PHRASE IS NOT VALID'. Another horizontal line separates this from the 'Explanation' section: 'Explanation'. The text in the 'Explanation' section reads: 'A user attempted to access the system specifying a password phrase t specifying a password phrase for a protected user ID.' A blue starburst callout on the left side of the screenshot contains the text: 'Tip: There are multiple versions of message ICH408I. To narrow your search to a specific version, include the message text in the search criteria.'

Creating collections

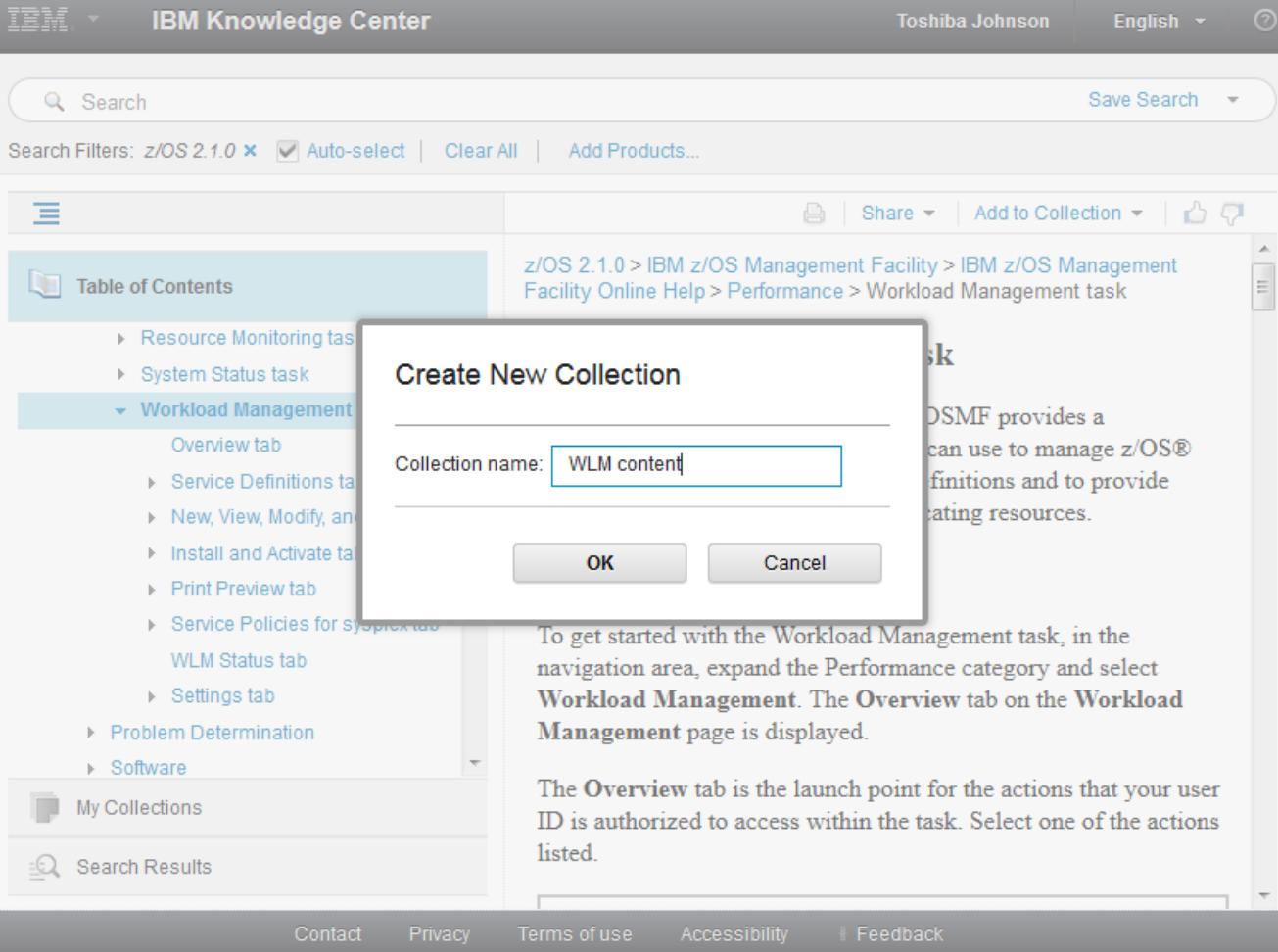
To add a topic and its subtopics to a new collection, right-click the topic and select **Add this topic and its subtopics to a new collection** from the context menu.



The screenshot shows the IBM Knowledge Center interface. The top navigation bar includes the IBM logo, a search bar, and user information (Toshiba Johnson, English). Below the search bar are search filters for 'z/OS 2.1.0' and options to 'Auto-select', 'Clear All', and 'Add Products...'. The main content area displays the 'Workload Management task' topic under the 'z/OS 2.1.0 > IBM z/OS Management Facility > IBM z/OS Management Facility Online Help > Performance > Workload Management task' breadcrumb trail. The left sidebar contains a 'Table of Contents' with sections like 'Resource Monitoring task', 'System Status task', 'Workload Management' (which is expanded to show 'Overview tab', 'Service Definitions', 'New, View, Modify', 'Install and Activate', 'Print Preview tab', 'Service Policies for sysplex tab', 'WLM Status tab', 'Settings tab', 'Problem Determination', and 'Software'), 'My Collections', and 'Search Results'. A context menu is open over the 'Workload Management' section, listing 'Open in new tab', 'Open in new tab (content only)', 'Add this topic and its subtopics to an existing collection', and 'Add this topic and its subtopics to a new collection'. The right side of the page contains a 'Getting started' section with text about the Workload Management task and its Overview tab.

Creating collections continued

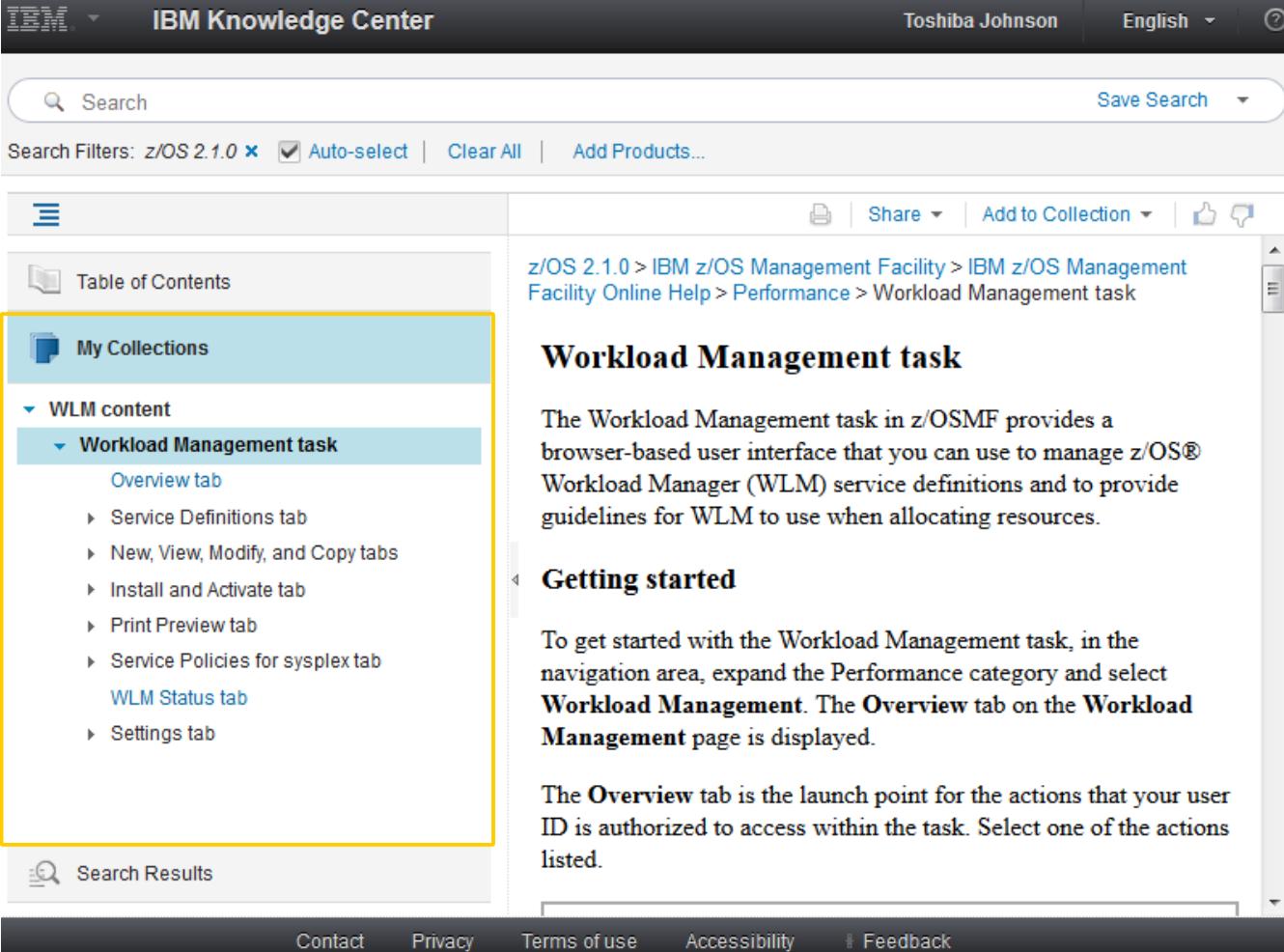
In the **Collection name** field in the Create New Collection window, enter the name to use for the collection. Then, click **OK**.



The screenshot shows the IBM Knowledge Center interface. At the top, there is a navigation bar with the IBM logo, the title 'IBM Knowledge Center', a user profile for 'Toshiba Johnson', and language settings for 'English'. Below the navigation bar is a search bar with a 'Search' button and a 'Save Search' dropdown. Underneath the search bar are 'Search Filters' for 'z/OS 2.1.0' with an 'Auto-select' checkbox, a 'Clear All' button, and an 'Add Products...' button. The main content area has a 'Table of Contents' sidebar on the left. The sidebar includes sections for 'Table of Contents', 'Resource Monitoring task', 'System Status task', 'Workload Management' (which is expanded to show 'Overview tab', 'Service Definitions tab', 'New, View, Modify, and Delete tab', 'Install and Activate tab', 'Print Preview tab', 'Service Policies for sysplexes tab', 'WLM Status tab', 'Settings tab', 'Problem Determination', and 'Software'), 'My Collections', and 'Search Results'. The main content area displays a 'Create New Collection' dialog box. The dialog box has a title 'Create New Collection' and a 'Collection name:' field containing 'WLM content'. At the bottom of the dialog box are 'OK' and 'Cancel' buttons. The background of the main content area shows a page about the 'Workload Management task'. The page includes a breadcrumb trail: 'z/OS 2.1.0 > IBM z/OS Management Facility > IBM z/OS Management Facility Online Help > Performance > Workload Management task'. The page text describes WLM as a task that provides a graphical interface for managing z/OS resources. It also mentions that the 'Overview tab' is the launch point for actions within the task. The footer of the page contains links for 'Contact', 'Privacy', 'Terms of use', 'Accessibility', and 'Feedback'.

Creating collections continued

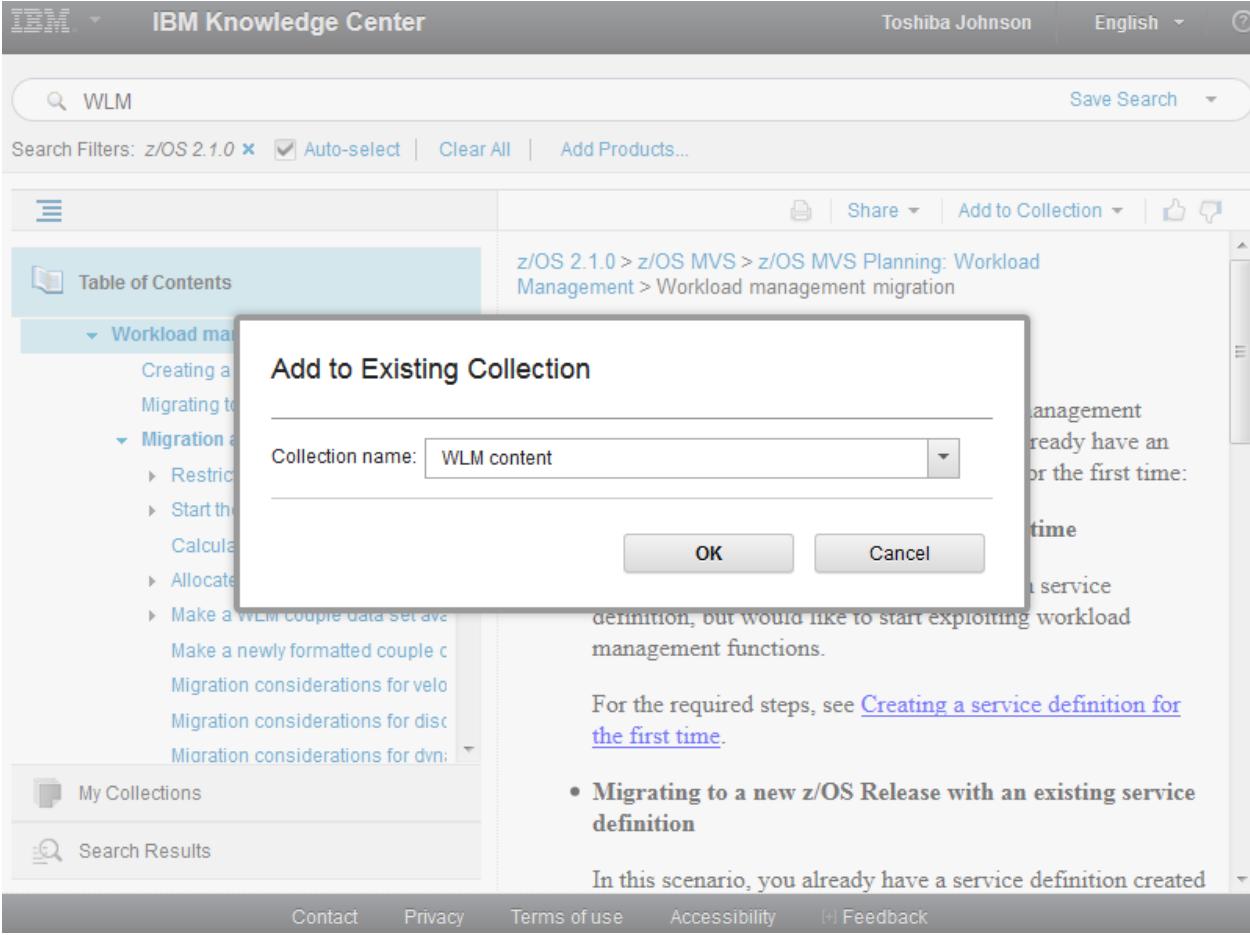
The collection you created is listed in the My Collections view. To display it, click **My Collections**.



The screenshot shows the IBM Knowledge Center interface. At the top, there is a navigation bar with the IBM logo, the title "IBM Knowledge Center", the user name "Toshiba Johnson", the language "English", and a help icon. Below the navigation bar is a search bar with a magnifying glass icon and the word "Search". To the right of the search bar are buttons for "Save Search" and a dropdown menu. Under the search bar, there are "Search Filters" for "z/OS 2.1.0" with an "Auto-select" checkbox checked, and buttons for "Clear All" and "Add Products...". The main content area has a left sidebar with a table of contents and a "My Collections" section. The "My Collections" section is highlighted with a yellow box. It contains a list of items under "WLM content" and "Workload Management task", including "Overview tab", "Service Definitions tab", "New, View, Modify, and Copy tabs", "Install and Activate tab", "Print Preview tab", "Service Policies for sysplex tab", "WLM Status tab", and "Settings tab". Below the sidebar is a "Search Results" section with a magnifying glass icon. The main content area displays a breadcrumb trail: "z/OS 2.1.0 > IBM z/OS Management Facility > IBM z/OS Management Facility Online Help > Performance > Workload Management task". The main content is titled "Workload Management task" and describes the task's purpose. It also includes a "Getting started" section and a note about the "Overview tab". The footer of the page includes links for "Contact", "Privacy", "Terms of use", "Accessibility", and "Feedback".

Creating collections continued

To add additional content to the collection, return to the Table of Contents view, right-click the topics to be added, and select **Add this topic and its subtopics to an existing collection**. Then, in the Add to Existing Collection window, select the desired collection.



The screenshot shows the IBM Knowledge Center interface. The top navigation bar includes the IBM logo, 'IBM Knowledge Center', user profile 'Toshiba Johnson', and language 'English'. The search bar contains 'WLM' and 'Save Search' options. Below the search bar, 'Search Filters' are set to 'z/OS 2.1.0' with 'Auto-select' checked. The main content area shows a 'Table of Contents' for 'z/OS 2.1.0 > z/OS MVS > z/OS MVS Planning: Workload Management > Workload management migration'. A 'Workload management migration' section is expanded, showing various subtopics. A 'Migration considerations for dvn:' section is also visible. A 'My Collections' section lists 'WLM content' as a collection. A 'Search Results' section is at the bottom. A central 'Add to Existing Collection' dialog box is open, prompting the user to select a collection name, with 'WLM content' already entered. The dialog has 'OK' and 'Cancel' buttons. The background content discusses workload management migration and service definitions.

WLM

Search Filters: z/OS 2.1.0 Auto-select | Clear All | Add Products...

Table of Contents

Workload management migration

Migration considerations for dvn:

My Collections

Search Results

Add to Existing Collection

Collection name: WLM content

OK Cancel

In this scenario, you already have a service definition created

Creating collections continued

Return to the My Collections view to browse the topics included in your collection, and to manage your collection.

To create a PDF that contains all the content in a collection, click **Create PDF File**.

To re-arrange the topics in a collection or to remove topics, click **Edit**.

WLM content

Click [Edit](#) to modify, organize, and re-arrange topics.

[Create PDF File](#) [Edit](#)

Table of Contents

My Collections

WLM content

- Workload Management task
- Workload management migration
- Customizing the WLM ISPF application

Search Results

Contact Privacy Terms of use Accessibility Feedback

Backup Resources

Essential z/OS-related bookmarks

Resource	Description	URL
z/Favorites	List of bookmarks for the mainframe	www.ibm.com/systems/z/os/zos/library/zfavorites/
IBM Publications Center	Download and view softcopy files and collections	www.ibm.com/e-business/linkweb/publications/servlet/pbi.wss
IBM Knowledge Center	One stop shopping for all IBM product documentation	www.ibm.com/support/knowledgecenter/
IBM Knowledge Center Mobile	Mobile version of KC	www.ibm.com/support/knowledgecenter/mobile/
z/OS in IBM Knowledge Center	Entry point for all releases of z/OS in IBM Knowledge Center	www.ibm.com/support/knowledgecenter/#!/SSLTBW/welcome
Download z/OS V2R1 PDFs	List of all available PDFs by z/OS element	www.ibm.com/systems/z/os/zos/library/bkserv/v2r1pdf/
z/OS Hot Topics Newsletters	Learn about key z/OS topics and features	www.ibm.com/systems/z/os/zos/library/hot-topics/hot-topics.html
IBM z Systems Redbooks	List of all available Redbooks for z Systems	www.redbooks.ibm.com/portals/systemz
IBM Softcopy Librarian	Download an entire collect kit of PDFs, and keep them current	www.ibm.com/support/docview.wss?uid=swg24000640



Videos

- Live Stream of Mainframe50: www.livestream.com/ibmsystemz
- IBM Mainframe50 Landing Page: ibm.com/mainframe50
- Mainframe50 Tumblr: mainframe50.tumblr.com/
- The IBM Mainframe Weekly Paper.li: paper.li/IBM_System_z/1386866312
- Engines of Progress: (Launching April 7) www.ibm.com/mainframe/engineeofprogress
- Master the Mainframe: www.ibm.com/systems/z/education/academic/masterthemainframe
- YouTube IBM z Systems: www.youtube.com/user/IBMSystemz
- YouTube Destination z: www.youtube.com/user/destinationz1



Facebook pages and LinkedIn profiles

- IBM System z: www.facebook.com/IBMsystemz?ref=tn_tnmn
- IBM Master the Mainframe Contest: www.facebook.com/MasterTheMainframe?fref=ts
- IBM Destination z: www.facebook.com/IBMDestinationz
- SHARE Inc: www.facebook.com/SHAREonSocial and
www.linkedin.com/groups?trk=myg_ugrp_ovr&gid=1803278
- System z Advocates: www.linkedin.com/groups/System-z-Advocates-155723?mostPopular=&gid=155723
- IBM Mainframe – Unofficial Group: ibm.biz/BdRJgg
- IBM z Systems Events: www.linkedin.com/groups/IBM-System-z-Events-3053018?trk=myg_ugrp_ovr
- Mainframe Experts Network: www.linkedin.com/groups/Mainframe-Experts-Network-55779?trk=myg_ugrp_ovr



Blogs, listservs, and publications

- IBM Mainframe Insights: www.ibm.com/connections/blogs/systemz/?lang=en_us
- Millennial Mainframer: www.millennialmainframer.com
- #MainframeDebate blog: mainframedebate.blogspot.co.uk
- SHARE blog: www.share.org/p/bl/et/
- IBM Destination z: www.destinationz.org/Community.aspx
- Publications such as *Enterprise Executive*, *Enterprise Tech Journal*, *IBM Systems Magazine*, and *CMG Measure IT* are all great resources that typically are little to no cost for subscriptions. Most of these publications also have websites with up-to-date industry news.
- IBM MAIN is a news group (listserv). For best results, subscribe to the daily digest.



z/OS Book Identifiers

z/OS book identifiers by element

Element	Book Title	Book Identifier
BDT	z/OS BDT Installation	bdta400
BDT	z/OS BDT File-to-File Transaction Guide	bdta500
BDT	z/OS BDT Commands	bdta600
BDT	z/OS BDT Messages and Codes	bdta700
BDT	z/OS BDT Diagnosis Reference	bdta800
BookManager	Library Server: Getting Started	bkma900
BookManager	IBM BookManager READ/MVS: Installation Planning and Customization	bkma400
BookManager	IBM BookManager READ/MVS: Displaying Online Books	bkma300
BookManager	IBM BookManager READ/MVS: Getting Started	bkma200
BookManager	IBM BookManager READ/MVS and BUILD/MVS: General Information	bkma100
BookManager	Installing, Managing, Using Online Library	ab0in02
BookManager	IBM Softcopy Reader User's Guide V3.8.0	hlcrug2
BookManager	IBM Softcopy Librarian V5: UG	ebrscl1
Encryption Facility for z/OS	IBM Encryption Facility for z/OS: Planning and Customizing	csde100
Encryption Facility for z/OS	IBM Encryption Facility for z/OS: Using Encryption Facility for OpenPGP	csdd100
Encryption Facility for z/OS	IBM Encryption Facility for z/OS: User's Guide	csda100
EREP	EREP V3R5 Reference	ifc2000
EREP	EREP V3R5 User's Guide	ifc1000
HLASM	HLASM V1R6 Toolkit Feature Installation Guide	asmk400
HLASM	HLASM V1R6 Toolkit Feature Interactive Debug Facility User's Guide	asmk300
HLASM	HLASM V1R6 Toolkit Feature User's Guide	asmk200
HLASM	HLASM V1R6 Toolkit Feature Debug Reference Summary	asmk100
HLASM	HLASM V1R6 Installation and Customization Guide	asma500
HLASM	HLASM V1R6 Language Reference	asma400
HLASM	HLASM V1R6 General Information	asma200
HLASM	HLASM V1R6 Programmer's Guide	asma100
IBM HTTP Server	z/OS V2R2 HTTP Server User's Guide	dprc100
IBM HTTP Server	z/OS V1R6.0 HTTP Server Planning, Installing, and Using	dgwa400
IBM Ported Tools for z/OS	IBM Ported Tools for z/OS: OpenSSH User's Guide	fotz100
IBM Ported Tools for z/OS: Supplementary Toolkit for z/OS Feature	IBM Ported Tools for z/OS: Supplementary Toolkit for z/OS Feature User's Guide and Reference	hpuzc00

z/OS book identifiers by element continued

Element	Book Title	Book Identifier
IBM Tivoli Directory Server for z/OS	z/OS V2R2 IBM Tivoli Directory Server Client Programming for z/OS	Glpa100
IBM Tivoli Directory Server for z/OS	z/OS V2R2 IBM Tivoli Directory Server Administration and Use for z/OS	Glpa200
IBM Tivoli Directory Server for z/OS	z/OS V2R1 IBM Tivoli Directory Server Plug-in Reference for z/OS	Glpa300
IBM Tivoli Directory Server for z/OS	z/OS V2R2 IBM Tivoli Directory Server Messages and Codes for z/OS	glpa400
IBM Tivoli System Automation for z/OS	IBM Tivoli System Automation for z/OS V3R4.0 Monitoring Agent Configuration and User's Guide	ingt100
IBM Tivoli System Automation for z/OS	IBM Tivoli System Automation for z/OS V3R4.0 End-to-End Automation Adapter	inge100
IBM Tivoli System Automation for z/OS	IBM Tivoli System Automation for z/OS V3R4.0 TWS Automation Programmer's Reference and Operator's Guide	evjr100
IBM Tivoli System Automation for z/OS	IBM Tivoli System Automation for z/OS V3R4.0 Product Automation Programmer's Reference and Operator's Guide	ever100
IBM Tivoli System Automation for z/OS	IBM Tivoli System Automation for z/OS V3R4.0 Programmer's Reference	ingq100
IBM Tivoli System Automation for z/OS	IBM Tivoli System Automation for z/OS V3R4.0 Operator's Commands	ingx100
IBM Tivoli System Automation for z/OS	IBM Tivoli System Automation for z/OS V3R4.0 Messages and Codes	ingm100
IBM Tivoli System Automation for z/OS	IBM Tivoli System Automation for OS V3R4.0 User's Guide	ingu100
IBM Tivoli System Automation for z/OS	IBM Tivoli System Automation for z/OS V3R4.0 Defining Automation Policy	ingc100
IBM Tivoli System Automation for z/OS	IBM Tivoli System Automation for z/OS V3R4.0 Planning and Installation	ingp100
IBM Tivoli System Automation for z/OS	IBM Tivoli System Automation for z/OS V3R4.0 Customizing and Programming	ingo100
IBM z/OS Management Facility	IBM z/OSMF V2R2 Configuration Guide	izua300
IBM z/OS Management Facility	IBM z/OSMF V2R2 Programming Guide	izua700
IBM z/OS Management Facility	IBM z/OSMF Online Help	zosmf.onlinehelp
IBM z/OS Management Facility	z/OSMF GPM Messages: GPM0500-GPM1008	gpmmessages
IBM z/OS Management Facility	z/OSMF Configuration Assistant task	tcp.ipsec.ipsec
IBM z/OS Management Facility	z/OSMF Capacity Provisioning task	zosmfcapacityprov
IBM z/OS Management Facility	z/OSMF Capacity Provisioning Messages: IZUCP0001-IZUCP9999	zosmfcapacityprov.messages
IBM z/OS Management Facility	z/OSMF Administration category	zosmfcore.administration
IBM z/OS Management Facility	z/OSMF Application Linking Manager task: Creating context-sensitive launch points between applications	zosmfcore.applinks
IBM z/OS Management Facility	z/OS Classic Interfaces category	zosmfcore.classicinterfaces
IBM z/OS Management Facility	z/OSMF Commands and Logs category	zosmfcore.commandlog
IBM z/OS Management Facility	z/OSMF Configuration category	zosmfcore.configuration
IBM z/OS Management Facility	Getting started with z/OSMF	zosmfcore.general
IBM z/OS Management Facility	z/OSMF Import Manager task: Importing installation-specific function into z/OSMF	zosmfcore.importmgr
IBM z/OS Management Facility	z/OSMF Jobs and Resources category	zosmfcore.jobresources

z/OS book identifiers by element continued

Element	Book Title	Book Identifier
IBM z/OS Management Facility	z/OSMF Links task: Linking to frequently used web resources	zosmfcore.links
IBM z/OS Management Facility	z/OSMF Links category	zosmfcore.linksuser
IBM z/OS Management Facility	z/OSMF Core Messages: IZUG0400-IZUG9999	zosmfcore.messages
IBM z/OS Management Facility	z/OSMF Systems and FTP Servers tasks: Enabling data and file transfer between systems	zosmfcore.multisysplex
IBM z/OS Management Facility	z/OSMF Notifications task	zosmfcore.notifications
IBM z/OS Management Facility	z/OSMF Performance category	zosmfcore.performance
IBM z/OS Management Facility	z/OSMF Problem Determination category	zosmfcore.problemdetermination
IBM z/OS Management Facility	z/OSMF Settings category	zosmfcore.settings
IBM z/OS Management Facility	z/OSMF Software category	zosmfcore.software
IBM z/OS Management Facility	z/OSMF Tools and Techniques for Troubleshooting	zosmfcore.troubleshooting
IBM z/OS Management Facility	z/OSMF Welcome task	zosmfcore.welcome
IBM z/OS Management Facility	z/OSMF Software Management task	zosmfdeployment
IBM z/OS Management Facility	z/OSMF Software Management Messages: IZUD0001-IZUD9999	zosmfdeployment.messages
IBM z/OS Management Facility	z/OSMF Incident Log task	zosmfincidentlog
IBM z/OS Management Facility	z/OSMF Incident Log Messages: IZUP0001-IZUP9999	zosmfincidentlog.messages
IBM z/OS Management Facility	z/OSMF ISPF task	zosmfispf
IBM z/OS Management Facility	z/OSMF ISPF Messages: IZUIS0001-IZUIS9999	zosmfispf.messages
IBM z/OS Management Facility	z/OSMF Messages category	zosmfmessages
IBM z/OS Management Facility	z/OSMF Resource Monitoring task	zosmfmondesktops
IBM z/OS Management Facility	z/OSMF Resource Monitoring Messages: IZUR0001-IZUR9999	zosmfresourcemon.messages
IBM z/OS Management Facility	z/OSMF System Status task	zosmfsysplexstatus
IBM z/OS Management Facility	z/OSMF Workflows task	zosmfworkflows
IBM z/OS Management Facility	z/OSMF Workflows Messages: IZUWF0001-IZUWF9999	zosmfworkflows.messages
IBM z/OS Management Facility	z/OSMF Workload Management task	zosmfworkloadmgmt
IBM z/OS Management Facility	z/OSMF Workload Management Messages: IZUWF0001-IZUWF9999	zosmfworkloadmgmt.messages
IBM z/OS Management Facility	z/OSMF SDSF task	zosmfsdsf.jobresources
IBM z/OS Management Facility	z/OSMF SDSF Settings	zosmfsdsf.settings
IBM z/OS Management Facility	z/OSMF SDSF Messages: ISF3001-ISF3999	zosmfsdsf.jobresources.messages
ICKDSF	ICKDSF R17 User's Guide	ickug00
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	IBM Print Transform from AFP to PostScript for Infoprint Server for z/OS LPS, V1.1	aoklc00

z/OS book identifiers by element continued

Element	Book Title	Book Identifier
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	IBM Print Transform from AFP to PDF for Infoprint Server for z/OS LPS, V1.1	aoklb00
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	IBM Print Transform from AFP to PCL for Infoprint Server for z/OS LPS, V1.1	aokla00
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	IBM Print Transforms from AFP for Infoprint Server for z/OS, V1.1	aokfa00
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	IBM Infoprint Transforms to AFP for z/OS, V2.3	aopta00
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	IBM Infoprint XT V3R1 for z/OS: LPS	aiol000
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	IBM Infoprint XT V3R1 for z/OS	aioc000
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	z/OS V2R2 Infoprint Server User's Guide	aopu000
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	z/OS V2R2 Infoprint Server Operation and Administration	aopo000
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	z/OS V2R2 Infoprint Server Messages and Diagnosis	aopm000
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	z/OS V2R2 Infoprint Server Introduction	aopa000
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	z/OS V2R2 Infoprint Server Customization	aops000
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	Page Printer Formatting Aid: User's Guide	ib6p000
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	PSF for z/OS: ACIF User's Guide	apku000
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	DCF: SCRIPT/VS Text Programmer's Guide	dsm0700
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	IBM: BookMaster User's Guide	edfuma0
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	DCF: GML Starter Set Reference	dsm0900
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	DCF: SCRIPT/VS User's Guide	dsm0800
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	DCF: SCRIPT/VS Messages	dsm0a00
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	PSF V4R4 for z/OS: LPS	apsl000
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	PSF V4R5 for z/OS: AFP Download Plus	apsp000
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	PSF V4R5 for z/OS: Download for z/OS	apsw000
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	PSF V4R4 for z/OS: Security Guide	apsb000
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	PSF V4R5 for z/OS: Diagnosis	apsd000
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	PSF V4R5 for z/OS: User's Guide	apsu000
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	PSF V4R5 for z/OS: Customization	apss000
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	PSF V4R5 for z/OS: Introduction	apsa000
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	PSF V4R5 for z/OS: Messages and Codes	apsm800
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	IBM Infoprint Transforms to AFP for z/OS LPS, V2.3	aopl00
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	IBM Infoprint Coaxial Printer Support for z/OS LPS, V2.1	aopl000
Infoprint Server, Infoprint Transforms PSF for z/OS, DCF, fonts	z/OS V2R2 Infoprint Server Printer Inventory for PSF	aoppi00

z/OS book identifiers by element continued

Element	Book Title	Book Identifier
ISPF	z/OS V2R2 ISPF User's Guide Vol II	f54u200
ISPF	z/OS V2R2 ISPF Services Guide	f54sg00
ISPF	z/OS V2R2 ISPF User's Guide Vol I	f54ug00
ISPF	z/OS V2R2 ISPF SCLM Guide and Reference	f54pd00
ISPF	z/OS V2R2 ISPF Reference Summary	f54rs00
ISPF	z/OS V2R2 ISPF Planning and Customizing	f54pc00
ISPF	z/OS V2R2 ISPF Messages and Codes	f54mc00
ISPF	z/OS V2R2 ISPF Edit and Edit Macros	f54em00
ISPF	z/OS V2R2 ISPF DTL Guide	f54dt00
ISPF	z/OS V2R2 ISPF Dialog Developer's Guide and Reference	f54dg00
Knowledge Center for z/OS	z/OS V2R2 IBM Knowledge Center for z/OS Configuration and User's Guide	hkcz100
Open Systems Adapter (OSA)	z Systems OSA-Express Guide	ioaz100
Open Systems Adapter (OSA)	OSA-ICC User's Guide	ioam100
Open Systems Adapter (OSA)	OSA-ICC 3215 Support	ioan100
Open Systems Adapter (OSA)	OSA-Express3 ICC Dual-Port User's Guide	ioaq100
Open Systems Adapter (OSA)	OSA/SF on HMC	ioas100
REXX Alternate Library	IBM Compiler and Library for REXX on System z: User's Guide and Reference	rexa100
REXX Alternate Library	IBM Compiler and Library for REXX on System z: Diagnosis Guide	rexb100
Runtime Library Extensions	z/OS V2R2 Common Debug Architecture User's Guide	cbcdu01
Runtime Library Extensions	z/OS V2R2 Common Debug Architecture Library Reference	cbccl01
Runtime Library Extensions	DWARF/ELF Extensions Library Reference	cbcdd01
SDSF	z/OS V2R2 SDSF Operation and Customization	isfa500
SMP/E Version 3	SMP/E User's Guide	gim3000
SMP/E Version 3	SMP/E Reference	gim2000
SMP/E Version 3	SMP/E Messages, Codes, and Diagnosis	gim0000
SMP/E Version 3	SMP/E Commands	gim1000
z/OS Common Information Model	z/OS V2R2 Common Information Model User's Guide	cfzu100
z/OS Communications Server	z/OS V2R1 Comm Svr: ACF/TAP Trace	istacf0
z/OS Communications Server	z/OS V2R2.0 Communications Server: IPv6 Network and Appl Design Guide	hale001
z/OS Communications Server	z/OS V2R2.0 Communications Server: IP Diagnosis Guide	hald001

z/OS book identifiers by element continued

Element	Book Title	Book Identifier
z/OS Communications Server	z/OS V2R2.0 Communications Server: IP Messages Volume 1 (EZA)	halm001
z/OS Communications Server	z/OS V2R2.0 Communications Server: IP Messages Volume 2 (EZB, EZD)	halw001
z/OS Communications Server	z/OS V2R1.0 Communications Server: IP Messages Volume 3 (EZY)	halb001
z/OS Communications Server	z/OS V2R2.0 Communications Server: IP Messages Volume 4 (EZZ, SNM)	halb101
z/OS Communications Server	z/OS V2R2.0 Communications Server: New Function Summary	halg001
z/OS Communications Server	z/OS V2R2.0 Communications Server: IP Configuration Guide	halz002
z/OS Communications Server	z/OS V2R2.0 Communications Server: IP Configuration Reference	halz001
z/OS Communications Server	z/OS V2R2.0 Communications Server: IP Programmer's Guide and Reference	halx001
z/OS Communications Server	z/OS V2R2.0 Communications Server: IP User's Guide and Commands	halu001
z/OS Communications Server	z/OS V2R2.0 Communications Server: IP System Administrator's Commands	halu101
z/OS Communications Server	z/OS V2R2.0 Communications Server: IP Sockets Application Programming Interface Guide and Reference	hala001
z/OS Communications Server	z/OS V2R2.0 Communications Server: IP CICS Sockets Guide	halc001
z/OS Communications Server	z/OS V2R1.0 Communications Server: IP IMS Sockets Guide	hali001
z/OS Communications Server	z/OS V2R1.0 Communications Server: IP Network Print Facility	halp001
z/OS Communications Server	z/OS V2R2.0 Communications Server: SNA Network Implementation Guide	istimp0
z/OS Communications Server	z/OS V2R2.0 Communications Server: SNA Resource Definition Reference	istrdr0
z/OS Communications Server	z/OS V2R1.0 Communications Server: SNA Resource Definition Samples	istsmp0
z/OS Communications Server	z/OS V2R2.0 Communications Server: SNA Operation	istopr0
z/OS Communications Server	z/OS V2R2.0 Communications Server: Quick Reference	istopq0
z/OS Communications Server	z/OS V2R1.0 Communications Server: SNA Customization	istcst0
z/OS Communications Server	z/OS V2R2.0 Communications Server: SNA Diagnosis Vol 1, Techniques and Procedures	istdgn1
z/OS Communications Server	z/OS V2R2.0 Communications Server: SNA Diagnosis Vol 2, FFST Dumps and the VIT	istdgn2
z/OS Communications Server	z/OS V2R2.0 Communications Server: SNA Messages	istmnc0
z/OS Communications Server	z/OS V2R2.0 Communications Server: IP and SNA Codes	cs3cod0
z/OS Communications Server	z/OS V2R2.0 Communications Server: SNA Programmer's LU 6.2 Guide	istp620
z/OS Communications Server	z/OS V2R1.0 Communications Server: SNA Programmer's LU 6.2 Reference	istr620
z/OS Communications Server	z/OS V2R2.0 Communications Server: CSM Guide	istcsm0
z/OS Communications Server	z/OS V2R1.0 Communications Server: SNA Programming	istprg0
z/OS Communications Server	z/OS V2R1.0 Communications Server: CMIP Services and Topology Agent Guide	istagt0
z/OS Communications Server	z/OS V2R1 Communications Server Glossary	halq001

z/OS book identifiers by element continued

Element	Book Title	Book Identifier
z/OS Cryptographic Services	z/OS ICSF Writing PKCS #11 Applications	csfba00
z/OS Cryptographic Services	z/OS ICSF System Programmer's Guide	csfb200
z/OS Cryptographic Services	z/OS ICSF Administrator's Guide	csfb300
z/OS Cryptographic Services	z/OS ICSF Application Programmer's Guide	csfb400
z/OS Cryptographic Services	z/OS ICSF Overview	csfb500
z/OS Cryptographic Services	z/OS ICSF Messages	csfb700
z/OS Cryptographic Services	z/OS Cryptographic Services ICSF TKE Workstation User's Guide	csfb600
z/OS Cryptographic Services	z/OS V2R2 Cryptographic Services PKI Services Guide and Reference	ikya100
z/OS Cryptographic Services	z/OS V2R2 System SSL Programming	gska100
z/OS DFSMS	DFSMS Optimizer Messages and Codes	idaop01
z/OS DFSMS	DFSMS Optimizer User's Guide and Reference	idaop00
z/OS DFSMS	Character Data Representation Architecture Overview	cdrao00
z/OS DFSMS	Character Data Representation Architecture Reference and Registry	cdraa00
z/OS DFSMS	z/OS V2R1 DFSMStvs Administration Guide	idat300
z/OS DFSMS	z/OS V2R2 DFSMStvs Planning and Operating Guide	idat100
z/OS DFSMS	z/OS V2R2 DFSMS Advanced Copy Services	antg000
z/OS DFSMS	z/OS V2R2 DFSMShsm Diagnosis	arck000
z/OS DFSMS	z/OS V2R2 DFSMSdss Storage Administration	adru000
z/OS DFSMS	z/OS V2R2 DFSMShsm Implementation and Customization Guide	arci000
z/OS DFSMS	z/OS V2R2 DFSMShsm Storage Administration	arcf000
z/OS DFSMS	z/OS V2R2 DFSMSrmm Reporting	idarr00
z/OS DFSMS	z/OS V2R2 DFSMShsm Managing Your Own Data	arcd000
z/OS DFSMS	z/OS V2R2 DFSMSrmm Diagnosis Guide	idard00
z/OS DFSMS	z/OS V2R2 DFSMSrmm Application Programming Interface	idara00
z/OS DFSMS	z/OS V2R2 DFSMSrmm Implementation and Customization Guide	idarc00
z/OS DFSMS	z/OS V2R2 DFSMSrmm Managing and Using Removable Media	idarm00
z/OS DFSMS	z/OS V2R2 DFSMS OAM Planning, Installation, and Storage Administration Guide for Tape Libraries	idao300
z/OS DFSMS	z/OS V2R2 DFSMS OAM Planning, Installation, and Storage Administration Guide for Object Support	idao200
z/OS DFSMS	z/OS V2R2 DFSMS OAM Application Programmer's Reference	idao100
z/OS DFSMS	z/OS DFSMS Software Support for IBM System Storage TS1140, TS1130, and TS1120 Tape Drives (3592)	idaj100



z/OS book identifiers by element continued

Element	Book Title	Book Identifier
z/OS DFSMS	z/OS V2R2 DFSMS Implementing System-Managed Storage	idai600
z/OS DFSMS	z/OS V2R1 DFSMS Using the Volume Mount Analyzer	idav100
z/OS DFSMS	z/OS V2R2 DFSMS Using Magnetic Tapes	idam300
z/OS DFSMS	z/OS V2R2 DFSMSdfp Diagnosis	idar100
z/OS DFSMS	z/OS V2R1 DFSMS Distributed FileManager Guide and Reference	idam500
z/OS DFSMS	z/OS V2R2 DFSMSdfp Utilities	idau100
z/OS DFSMS	z/OS V2R2 DFSMS Using ISMF	idai500
z/OS DFSMS	z/OS V2R2 DFSMSdfp Storage Administration	idas200
z/OS DFSMS	z/OS V2R2 DFSMS Access Method Services Commands	idai200
z/OS DFSMS	z/OS V2R2 DFSMSdfp Advanced Services	idas300
z/OS DFSMS	z/OS V2R2 DFSMS Macro Instructions for Data Sets	idad500
z/OS DFSMS	z/OS V2R2 DFSMS Using Data Sets	idad400
z/OS DFSMS	z/OS V2R1 DFSMSdfp Checkpoint/Restart	idac400
z/OS DFSMS	z/OS V2R2 DFSMS Managing Catalogs	idac100
z/OS DFSMS	z/OS V2R2 DFSMS Installation Exits	idac700
z/OS DFSMS	z/OS V2R1 DFSMS Introduction	idag200
z/OS DFSMS	z/OS V2R2 DFSMS Using the New Functions	idak100
z/OS DFSMS	z/OS DFMSHSM Data Areas	idada00
z/OS DFSORT	z/OS V2R2 DFSORT Tuning Guide	icet100
z/OS DFSORT	z/OS V2R2 DFSORT Messages, Codes and Diagnosis Guide	icem100
z/OS DFSORT	z/OS V2R2 DFSORT Installation and Customization	icei100
z/OS DFSORT	z/OS V2R2 DFSORT Application Programming Guide	icea100
z/OS DFSORT	z/OS V2R2 DFSORT: Getting Started	iceg200
z/OS Distributed File Service	z/OS V2R2 Distributed File Service zFS Administration	ioea700
z/OS Distributed File Service	z/OS V2R2 Distributed File Service SMB Administration	ioea600
z/OS Distributed File Service	z/OS V2R2 Distributed File Service Messages and Codes	ioea500
z/OS HCD	z/OS V2R2 HCD Planning	ieag800
z/OS HCD	z/OS V2R2 and z/VM V6R2.0 HCD Messages	cbdm100
z/OS HCD	z/OS V2R2 HCD User's Guide	cbdu100
z/OS HCM	z/OS V2R2 and z/VM V6R2.0 HCM User's Guide	eequ100

z/OS book identifiers by element continued

Element	Book Title	Book Identifier
z/OS Integrated Security Services	z/OS V2R1 Integrated Security Services EIM Guide and Reference	eima100
z/OS Integrated Security Services	z/OS V2R2 Integrated Security Services Network Authentication Service Programming	euvfb00
z/OS Integrated Security Services	z/OS V2R2 Integrated Security Services Network Authentication Service Administration	euvfa00
z/OS Integrated Security Services	z/OS OCSF Module Developer's Guide and Reference	cdsa200
z/OS Integrated Security Services	z/OS OCSF Application Programming	cdsa100
z/OS Integrated Security Services	z/OS Integrated Security Services Open Cryptographic Enhanced Plug-ins Application Programming	ceqa100
z/OS JES2	z/OS V2R2 JES2 Commands	hasa200
z/OS JES2	z/OS V2R2 JES2 Messages	hasa100
z/OS JES2	z/OS V2R2 JES Application Programming	hasc300
z/OS JES2	V2R2 Network Job Entry (NJE) Formats and Protocols	hasa600
z/OS JES2	z/OS V2R2 JES2 Macros	hasc200
z/OS JES2	z/OS V2R1 JES2 Introduction	hasa800
z/OS JES2	z/OS V2R2 JES2 Installation Exits	hasc100
z/OS JES2	z/OS V2R1 JES2 Diagnosis	hasa700
z/OS JES2	z/OS V2R2 JES2 Initialization and Tuning Guide	hasa300
z/OS JES2	z/OS V2R2 JES2 Initialization and Tuning Reference	hasa400
z/OS JES2	z/OS JES2 Data Areas Volume 1	a3208450
z/OS JES2	z/OS JES2 Data Areas Volume 2	a320846
z/OS JES2	z/OS JES2 Data Areas Volume 3	a320847
z/OS JES2	z/OS JES2 Data Areas Volume 4	a320848
z/OS JES2	z/OS JES2 Data Areas Volume 5	a320849
z/OS JES3	z/OS V2R2 JES3 Diagnosis	iata300
z/OS JES3	z/OS V2R2 JES3 Initialization and Tuning Guide	iata600
z/OS JES3	z/OS V2R1 JES3 Introduction	iata700
z/OS JES3	z/OS V2R2 JES3 Initialization and Tuning Reference	iata800
z/OS JES3	z/OS V2R2 JES3 Customization	iatb100
z/OS JES3	z/OS V2R2 JES3 Messages	iatb200
z/OS JES3	z/OS V2R2 JES3 Commands	iatb300
z/OS JES3	z/OS V2R2 JES3 Diagnosis Reference	iatb400
z/OS JES3	z/OS JES3 Data Areas Volume 1	a320850

z/OS book identifiers by element continued

Element	Book Title	Book Identifier
z/OS JES3	z/OS JES3 Data Areas Volume 2	a320851
z/OS JES3	z/OS JES3 Data Areas Volume 3	a320852
z/OS Language Environment	z/OS V2R2 Language Environment Vendor Interfaces	ceev100
z/OS Language Environment	z/OS V2R1 Language Environment Programming Guide for 64-bit Virtual Addressing Mode	ceeam00
z/OS Language Environment	z/OS V2R2 Language Environment Runtime Messages	ceea900
z/OS Language Environment	z/OS V2R1 Language Environment Concepts Guide	ceea800
z/OS Language Environment	z/OS V2R1 Language Environment Runtime Application Migration Guide	ceea600
z/OS Language Environment	z/OS V2R2 Language Environment Customization	ceea500
z/OS Language Environment	z/OS V2R1.0 Language Environment Writing ILC Applications	ceea400
z/OS Language Environment	z/OS V2R2 Language Environment Programming Guide	ceea200
z/OS Language Environment	z/OS V2R2 Language Environment Programming Reference	ceea300
z/OS Language Environment	z/OS V2R2 Language Environment Debugging Guide	ceea100
z/OS Metal C Runtime Library	z/OS V2R2 Metal C Programming Guide and Reference	ccrug00
z/OS MVS	z/OS V2R2 Data Areas Volume 6 (SJRUP -XTLST)	a3208580
z/OS MVS	z/OS V2R2 Data Areas Volume 4 (IRARMCTZ -LCT)	a3208560
z/OS MVS	z/OS V2R2 Data Areas Volume 5 (LDA -SJRSP)	a3208570
z/OS MVS	z/OS V2R2 Data Areas Volume 3 (IEFALCXT -IRARENF1)	a3208550
z/OS MVS	z/OS V2R2 Data Areas Volume 2 (DDRCOM -IEFALCXT)	a3208540
z/OS MVS	z/OS V2R2 Data Areas Volume 1 (ABEP - DCQ)	a3208530
z/OS MVS	z/OS V2R2 MVS Programming: Workload Management Services	ieaw200
z/OS MVS	z/OS V2R2 MVS Planning: Workload Management	ieaw100
z/OS MVS	z/OS V2R2 MVS Diagnosis: Reference	ieav200
z/OS MVS	z/OS V2R2 MVS Diagnosis: Tools and Service Aids	ieav100
z/OS MVS	z/OS V2R2 MVS Capacity Provisioning User's Guide	ieu100
z/OS MVS	z/OS V2R2 MVS Product Management	iear100
z/OS MVS	z/OS V2R2 MVS Programming: Resource Recovery	iean100
z/OS MVS	z/OS V2R2 MVS Programming: Product Registration	ieaq200
z/OS MVS	z/OS V2R2 MVS System Messages, Vol 9 (IGF-IWM)	ieam900
z/OS MVS	z/OS V2R2 MVS System Messages, Vol 10 (IXC-IZP)	ieama00
z/OS MVS	z/OS V2R2 MVS System Messages, Vol 8 (IEF-IGD)	ieam800

z/OS book identifiers by element continued

Element	Book Title	Book Identifier
z/OS MVS	z/OS V2R2 MVS System Messages, Vol 7 (IEB-IEE)	ieam700
z/OS MVS	z/OS V2R2 MVS System Messages, Vol 6 (GOS-IEA)	ieam600
z/OS MVS	z/OS V2R2 MVS System Messages, Vol 5 (EDG-GFS)	ieam500
z/OS MVS	z/OS V2R2 MVS System Messages, Vol 4 (CBD-DMO)	ieam400
z/OS MVS	z/OS V2R2 MVS System Messages, Vol 3 (ASB-BPX)	ieam300
z/OS MVS	z/OS V2R2 MVS System Messages, Vol 2 (ARC-ASA)	ieam200
z/OS MVS	z/OS V2R2 MVS System Messages, Vol 1 (ABA-AOM)	ieam100
z/OS MVS	z/OS V2R1 MVS Writing Servers for APPC/MVS	ieak500
z/OS MVS	z/OS V2R2 MVS JES Common Coupling Services	ieai800
z/OS MVS	z/OS V2R2 MVS Sysplex Services Reference	ieai700
z/OS MVS	z/OS V2R2 MVS System Codes	ieah700
z/OS MVS	z/OS V2R2 MVS Sysplex Services Guide	ieai600
z/OS MVS	z/OS V2R2 MVS Dump Output Messages	ieah600
z/OS MVS	z/OS V2R2 MVS Device Validation Support	ieag600
z/OS MVS	z/OS V2R2 MVS Planning: Global Resource Serialization	ieag400
z/OS MVS	z/OS V2R2 MVS Planning: Operations	ieag300
z/OS MVS	z/OS V2R2 MVS System Management Facilities (SMF)	ieag200
z/OS MVS	z/OS V2R2 MVS System Commands	ieag100
z/OS MVS	z/OS V2R2 MVS Setting Up a Sysplex	ieaf100
z/OS MVS	z/OS V2R2 MVS Using the Subsystem Interface	ieaf200
z/OS MVS	z/OS V2R2 MVS Using the Functional Subsystem Interface	ieae500
z/OS MVS	z/OS V2R2 MVS Installation Exits	ieae400
z/OS MVS	z/OS V2R2 MVS Initialization and Tuning Reference	ieae200
z/OS MVS	z/OS V2R2 MVS Initialization and Tuning Guide	ieae100
z/OS MVS	z/OS V2R1 MVS Writing Transaction Schedulers for APPC/MVS	ieac800
z/OS MVS	z/OS V2R2 MVS IPCS Customization	ieac700
z/OS MVS	z/OS V2R2 MVS IPCS User's Guide	ieac600
z/OS MVS	z/OS V2R2 MVS Planning: APPC/MVS Management	ieac400
z/OS MVS	z/OS V2R2 MVS IPCS Commands	ieac500
z/OS MVS	z/OS V2R1 MVS Writing TPs for APPC/MVS	ieac300

z/OS book identifiers by element continued

Element	Book Title	Book Identifier
z/OS MVS	z/OS V2R2 MVS Callable Services for HLL	ieac100
z/OS MVS	z/OS V2R2 MVS JCL Reference	ieab600
z/OS MVS	z/OS V2R2 MVS JCL User's Guide	ieab500
z/OS MVS	z/OS V2R2.0 MVS Program Management: Advanced Facilities	ieab200
z/OS MVS	z/OS V2R2 MVS Program Management: User's Guide and Reference	ieab100
z/OS MVS	z/OS V2R2 MVS Authorized Assembler Services Guide	ieaa800
z/OS MVS	z/OS V2R2 MVS Assembler Services Reference IAR-XCT	ieaa900
z/OS MVS	z/OS V2R2 MVS Assembler Services Guide	ieaa600
z/OS MVS	z/OS V2R2 MVS Assembler Services Reference ABE-HSP	ieaa700
z/OS MVS	z/OS V2R2 MVS Extended Addressability Guide	ieaa500
z/OS MVS	z/OS V2R2 MVS Authorized Assembler Services Reference SET-WTO	ieaa400
z/OS MVS	z/OS V2R2 MVS Authorized Assembler Services Reference LLA-SDU	ieaa300
z/OS MVS	z/OS V2R2 MVS Authorized Assembler Services Reference EDT-IXG	ieaa200
z/OS MVS	z/OS V2R2 MVS Authorized Assembler Services Reference ALE-DYN	ieaa100
z/OS MVS	z/OS V2R2 Unicode Services User's Guide and Reference	cunu100
z/OS MVS	z/OS V2R2 XML System Services User's Guide and Reference	gxla100
z/OS MVS	z/OS V2R2 Batch Runtime Planning and User's Guide	iean500
z/OS NFS	z/OS V2R2 Network File System Guide and Reference	idan400
z/OS OpenSSH	z/OS V2R2 OpenSSH User's Guide	foto100
z/OS RMF	z/OS V2R2 RMF Programmer's Guide	erbb700
z/OS RMF	z/OS V2R2 RMF Reference Summary	erbb600
z/OS RMF	z/OS V2R2 RMF Report Analysis	erbb500
z/OS RMF	z/OS V2R2 RMF User's Guide	erbb200
z/OS RMF	z/OS V2R2 RMF Messages and Codes	erba200
z/OS Security Server RACF	z/OS V2R2.0 Security Server RACF Callable Services	ichd100
z/OS Security Server RACF	z/OS V2R2.0 Security Server RACF Data Areas	ichc400
z/OS Security Server RACF	z/OS V2R2.0 Security Server RACROUTE Macro Reference	ichc600
z/OS Security Server RACF	z/OS V2R2 Security Server RACF Diagnosis Guide	ichb200
z/OS Security Server RACF	z/OS V2R2.0 Security Server RACF Auditor's Guide	icha800
z/OS Security Server RACF	z/OS V2R2.0 Security Server RACF Security Administrator's Guide	icha700

z/OS book identifiers by element continued

Element	Book Title	Book Identifier
z/OS Security Server RACF	z/OS V2R2.0 Security Server RACF Messages and Codes	icha600
z/OS Security Server RACF	z/OS V2R2.0 Security Server RACF Command Language Reference	icha400
z/OS Security Server RACF	z/OS V2R2 Security Server RACF Macros and Interfaces	icha300
z/OS Security Server RACF	z/OS V2R2.0 Security Server RACF System Programmer's Guide	icha200
z/OS Security Server RACF	z/OS V2R2 Security Server RACF General User's Guide	icha100
z/OS System-Level	z/OS Information Roadmap	e0zc100
z/OS System-Level	z/OS Introduction and Release Guide	e0za100
z/OS System-Level	z/OS Licensed Program Specifications	e0zf100
z/OS System-Level	z/OS Migration	e0zm100
z/OS System-Level	z/OS Planning for Installation	e0zb100
z/OS System-Level	z/OS Summary of Message and Interface Changes	e0zh300
z/OS System-Level	IBM Health Checker for z/OS User's Guide	e0zl100
z/OS System-Level	z/OS Problem Management	e0zk100
z/OS System-Level	ServerPac: Using the Installation Dialog	gima200
z/OS System-Level	z/OS V2R2 Planning for Sub-Capacity Pricing	e0zi100
z/OS System-Level	z/OS Planning for Multilevel Security and the Common Criteria	e0ze100
z/OS System-Level	z/OS Hot Topics Newsletter	e0zn100
z/OS System-Level	z/OS Collection	ida3900
z/OS System-Level	z/OS Font Collection	e0zx100
z/OS System-Level	z/OS V2R2 Program Directory	e0zp200
z/OS TSO/E	z/OS V2R1 TSO/E Administration	ikja100
z/OS TSO/E	z/OS V2R2 TSO/E CLISTS	ikjb800
z/OS TSO/E	z/OS V2R2 TSO/E Command Reference	ikjc500
z/OS TSO/E	z/OS V2R2 TSO/E Customization	ikjb400
z/OS TSO/E	z/OS V2R1 TSO/E General Information	ikjb300
z/OS TSO/E	z/OS V2R1 TSO/E Guide to the Server-Requester Programming Interface	ikjc100
z/OS TSO/E	z/OS V2R2 TSO/E Messages	ikjm100
z/OS TSO/E	z/OS V2R1 TSO/E Primer	ikjp100
z/OS TSO/E	z/OS V2R1 TSO/E Programming Guide	ikjb600
z/OS TSO/E	z/OS V2R2 TSO/E Programming Services	ikjb700

z/OS book identifiers by element continued

Element	Book Title	Book Identifier
z/OS TSO/E	z/OS V2R2 TSO/E REXX Reference	ikja300
z/OS TSO/E	z/OS V2R1 TSO/E REXX User's Guide	ikjc300
z/OS TSO/E	z/OS V2R2 TSO/E System Diagnosis: Data Areas	ikjd200
z/OS TSO/E	z/OS V2R2 TSO/E System Programming Command Reference	ikjc400
z/OS TSO/E	z/OS V2R1 TSO/E User's Guide	ikjc200
z/OS UNIX System Services	z/OS V2R2 Using REXX and z/OS UNIX System Services	bpzb600
z/OS UNIX System Services	z/OS V2R1 UNIX System Services Programming Tools	bpza600
z/OS UNIX System Services	z/OS V2R1 UNIX System Services User's Guide	bpza400
z/OS UNIX System Services	z/OS V2R2 UNIX System Services Programming: Assembler Callable Services Reference	bpzb100
z/OS UNIX System Services	z/OS V2R2 UNIX System Services Planning	bpzb200
z/OS UNIX System Services	z/OS V2R2 UNIX System Services Messages and Codes	bpza800
z/OS UNIX System Services	z/OS V2R2 UNIX System Services File System Interface Reference	bpzb500
z/OS UNIX System Services	z/OS V2R2 UNIX System Services Command Reference	bpza500
z/OS XL C/C++	z/OS V2R2 XL C/C++ Language Reference	cbclx01
z/OS XL C/C++	z/OS V2R2 XL C/C++ Compiler and Runtime Migration Guide for the Application Programmer	cbcmg01
z/OS XL C/C++	z/OS V2R2 XL C/C++ Programming Guide	cbcpx01
z/OS XL C/C++	z/OS V2R2 XL C/C++ User's Guide	cbcux01
z/OS XL C/C++	z/OS V2R2 XL C/C++ Messages	cbcdg01
z/OS XL C/C++	z/OS V2R1 C Curses	bpxbb00
z/OS XL C/C++	z/OS V2R2 XL C/C++ Runtime Library Reference	bpxbd00
z/OS XL C/C++	Standard C++ Library Reference	cbcls01



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