



CA Mainframe Resource Intelligence

Quick Start Guide

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Get to know your mainframe a little better

CA Mainframe Resource Intelligence allows you to easily and frequently run scans of your mainframe configuration to recommend improvements to optimize cost savings, reliability, processes, and security.

[Learn More](#)

Run the
yo

Base Assessments

Hardware

Base

Get a top-level view of your hardware configuration and major peripherals



Software

Base

Uncover data
subsystems
products

Health Checks

Base

Identify potential problems with your configuration before they impact your environment



Best Practice Assessments

What is CA Mainframe Resource Intelligence?

A cloud-based **analytics system** designed to help customers **assess their mainframe environments** and **identify opportunities** to **optimize operational efficiencies, reduce costs, and mitigate risks**—all with an **easy-to-use, low effort, and rapid** assessment that provides **insightful, useful, and actionable recommendations** which **provide tangible business value**.

Logging in

To begin using CA Mainframe Resource Intelligence, you need to log in to the application:

1

Point your browser to: <https://mri.broadcom.com/>

Note: Be sure to go to **https://** (the secured URL). Some browsers may experience difficulties forwarding from http://.

2

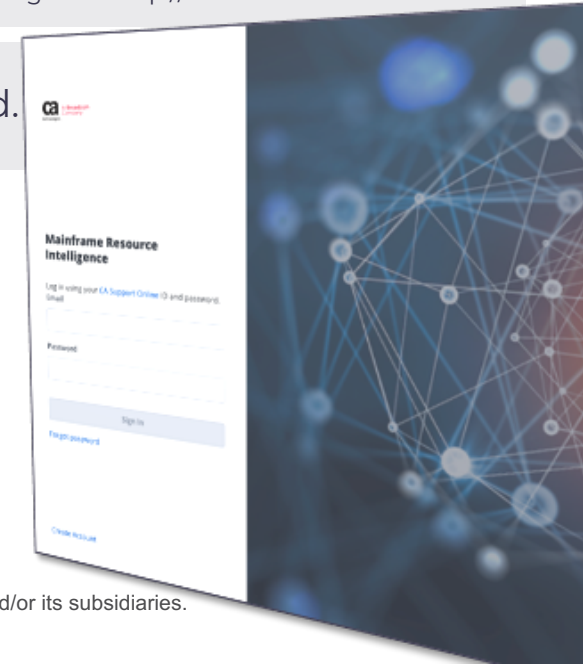
Log in using your Broadcom Support user ID and password.

Don't have a Broadcom Support ID?

Create one: <https://portal.broadcom.com/web/guest/registration>

Forgot your password or your Broadcom Support ID?

Reset it: <https://portal.broadcom.com/web/guest/forgotpassword>



Creating a login and a password

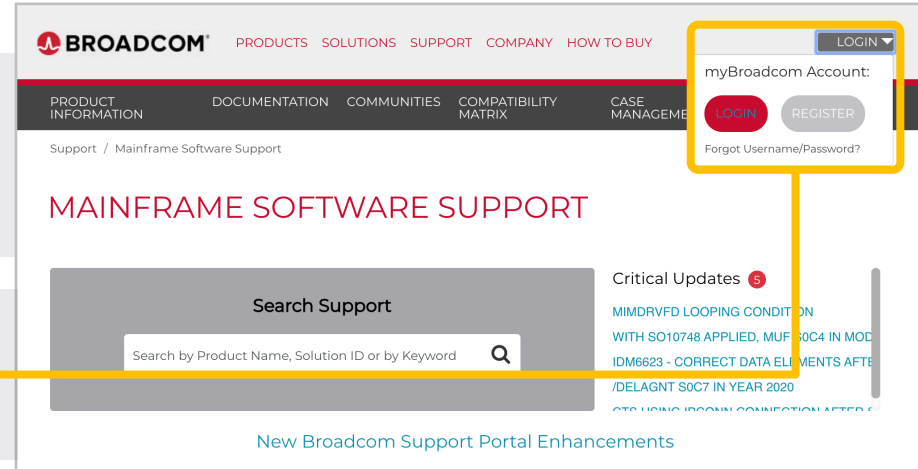
If you don't already have a Broadcom Support ID, you'll need to create an account.

1 Point your browser to:
<https://support.broadcom.com/main/frame-software>

2 Click on “**Register**” and fill out the registration form

Make sure to select the “Enterprise” registration type

When you register as Enterprise, you will be able to request for your account to be associated with your organization's **SiteID**, which gives you access to its product entitlements, and get customer support.



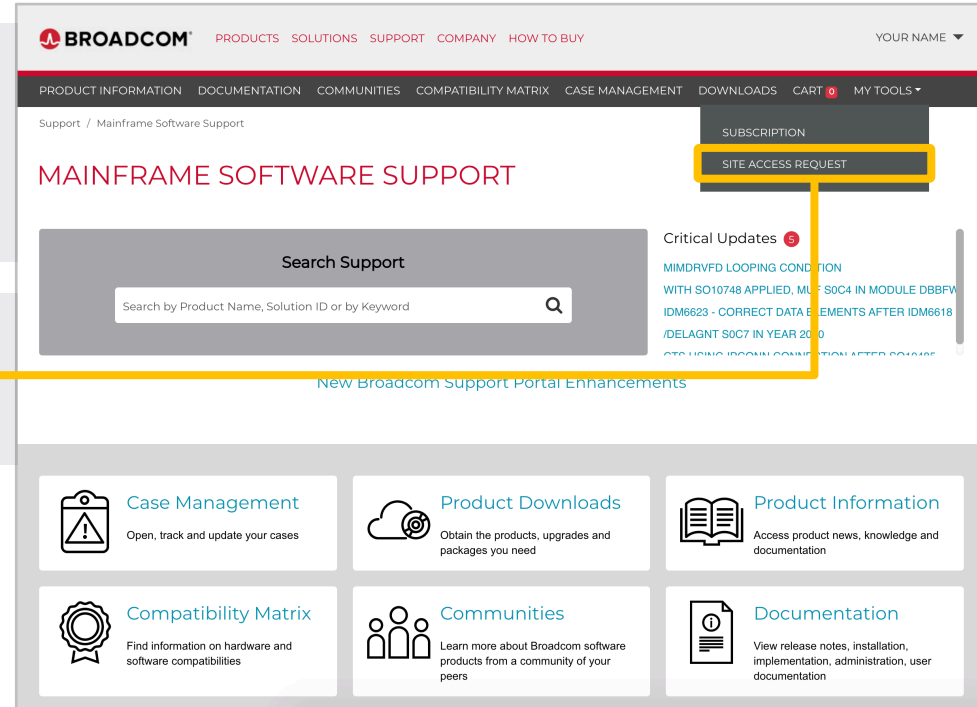
Requesting access to a SiteID

1 Go to:
<https://support.broadcom.com/mainframe-software>
and log in using your credentials

2 Once logged in, click on “**MY TOOLS**”
then “**SITE ACCESS REQUEST**”

Don't know which SiteID to request?

The SiteID associated with your organization's MRI entitlement was communicated to the MRI contract owner from your company (usually the executive who signed the license agreement).



Browsing Assessments

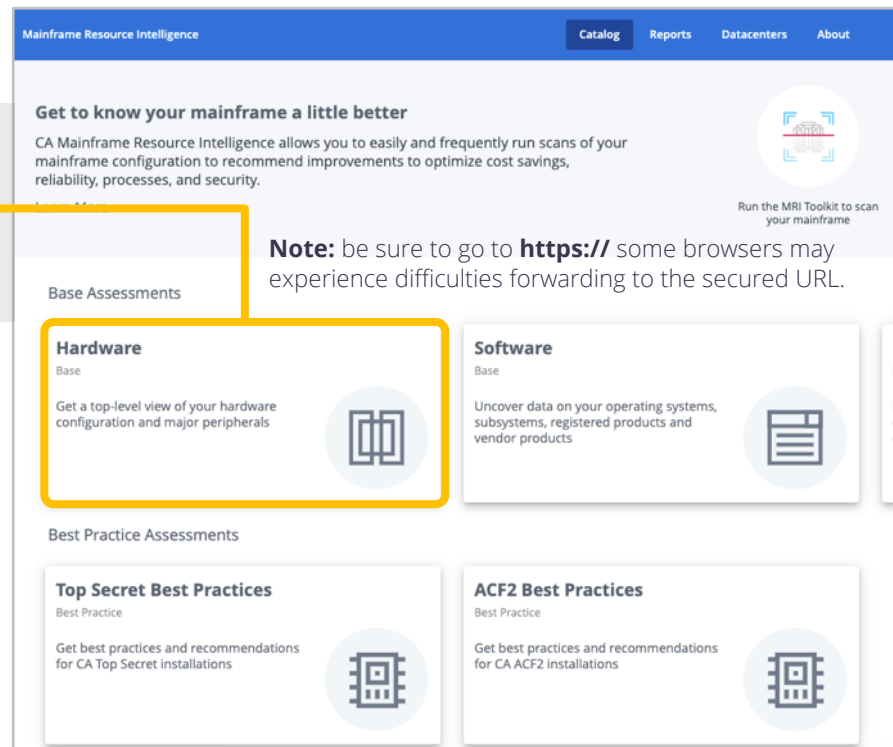
Once you log in, you'll see the catalog:

1

Learn more about the assessment you are interested in by **clicking on its tile.**

How the catalog is organized

Assessments are grouped by type (Base, Economic, Security, etc.). Click on any assessment tile, even if you have not purchased it, for more information about assessments you're interested in. For those you have purchased, you'll see how many entitlements you have remaining.



Browsing Assessments

When you click on an assessment's tile, you will see detailed information about the assessment:

2

View a **sample report** to see what information you can expect to be provided after purchase.

3

The **offering page** provides an overview of the assessment and key information included in its report.

[Catalog](#) > Hardware

Hardware Assessment

Get a top-level view of your hardware configuration and major peripherals

You have access to **unlimited** Base Assessments until 10/27/2020. You



[View a Sample Report](#)

Step 1:

Download Toolkit 1.1.9 and run a scan of your mainframe environment

[Collect Data on Your Mainframe](#)

Step 2:

Upload the scan files from your mainframe and request a report

[Upload Files & Request Report](#)

Overview

A Hardware Assessment gives you a view of your hardware configurations and major peripherals within a CPC. See the total number of processors and type. By providing a detailed view of the hardware in your complex, CA Mainframe Resource Intelligence gives you

Hardware Assessment View Provides:

- Physical Mainframe – Manufacturer, type of processor, model, serial number, number of processors, total MIPs and MS
- General details for each z/OS LPAR - including its partition number, SYSPLX name, operating system, operating system memory, number of online and offline central processors, number of online and offline zIIP processors, number of online and offline zAP processors
- I/O Configuration for each z/OS LPAR – including attributes such as EKM, zEDC, HyperPAV enablement, GDPS and number of online and offline
- Peripherals associated with each z/OS LPAR – Type of peripheral, such as tape and DASD, and the number of each

Purchasing an Assessment

If you haven't yet purchased an assessment, you can learn about pricing and how to begin the purchase process:

1 Learn more about **pricing plans** and **available discounts**

2 Once you decide which pricing options you are interested in, you can begin the purchase process by clicking on **Contact CA to Purchase**

When should I expect when I my quote?

A Broadcom representative will contact you to provide a quote based on the options you'd like to use.

The screenshot shows the 'Security Essentials Assessment' page. A breadcrumb trail at the top reads 'Catalog > Security Essentials'. The main heading is 'Security Essentials Assessment', followed by the subtext 'Get recommendations for enhancing customer mainframe security while identifying opportunities'. Below this, a line of text states 'You last ordered this assessment on 11/7/19, 6:13 AM. After purchase, the MRI Toolkit will be provided.' Two callout boxes are present: one labeled 'View a Sample Report' pointing to a button, and another labeled 'Contact CA to Purchase' pointing to a button. A third callout box labeled 'Request a Price Quote' points to a button in the right sidebar. The sidebar also contains an 'About' section with version information and a 'Support' section with contact details. The main content area includes an 'Overview' section and a 'Features' list.

[Catalog](#) > Security Essentials

Security Essentials Assessment

Get recommendations for enhancing customer mainframe security while identifying opportunities

You last ordered this assessment on 11/7/19, 6:13 AM. After purchase, the MRI Toolkit will be provided.

[View a Sample Report](#) [Contact CA to Purchase](#)

Overview

Use Mainframe Resource Intelligence to identify security exposures in your customers' mainframe environments and offer tangible recommendations, while identifying opportunities to leverage additional security strategies.

Features

- Identifies high-risk security vulnerabilities within a mainframe environment by scanning for configurations and settings that do not align with security best practices
- Provides business value through an easy-to-read report that conveys concrete, actionable recommendations that can be implemented by anyone in Operations with appropriate privileges
- Helps customers align their mainframe environments with industry security standards to reduce risk

Request a Price Quote

Packages and discounts are available. [Learn More.](#)

About

Version: 01.0.0 Last Updated 10/03/2019 04:01:12 AM

Support

For product information and help, see [CA Support](#). To contact CA Support, see [Contact CA Support](#) for details.

Begin an Assessment

After paying for an assessment and returning to its catalog page, you'll now see that the assessment is available:

1

After paying for one or more assessments, you'll see the number of assessments you're entitled to.

2

To start the process of requesting an assessment, start with **Step 1** to begin collecting the data needed.

Security Essentials Assessment

Get recommendations for enhancing customer mainframe security while identifying security offerings

You have access to **unlimited** Security Essentials Assessments until 12/31/2037.

Step 1:

Download **Toolkit 1.1.8** and run a scan of your mainframe environment

Collect Data on Your Mainframe

Step 2:

Upload the scan files from your mainframe and request a report

Upload Files & Request Report

Submitting Data for an Assessment

You'll then be led through the steps required to scan your mainframe and submit data for your assessment:

1 **Download the Toolkit**, install it and run it to gather the data needed.

2 **Create a datacenter** or re-use one that you've already created.

3 **Upload your data**, submit your request and begin the analysis.

1. Generate Data 2. Define Datacenter 3. Upload Data 4. Review Submission

Offering: Hardware

1. Run JCL on your Mainframe

If you haven't yet installed the Toolkit, please [download the Toolkit](#).

Log onto TSO on the LPAR that has access to the uploaded mainframe. Further instructions on running the JCL jobs:

1. Create a dataset that contains SMF 30.4 records for a period of time sufficient to represent the software running at your site. For example, a month's worth of 30.4 records might be sufficient, but it is important that you select a period of time that best represents the software usage at your site. The dataset containing the SMF records is used as input to the MRENVSC job.

Download and Install the Toolkit

[Download Toolkit \(.zip\)](#)

After you have downloaded the Toolkit file, follow these steps

2. Define Datacenter

Define a Datacenter

Name:

Description:

[Cancel](#) [Save](#)

2. Choose a Datacenter

[Add a Datacenter](#)

Select Name Description

[Previous](#) [Next](#)

[Browse Files](#)

[Previous](#) [Next](#)

Downloading and installing the toolkit

1

Download the MRI Toolkit from the cloud application and unzip the downloaded file.

2

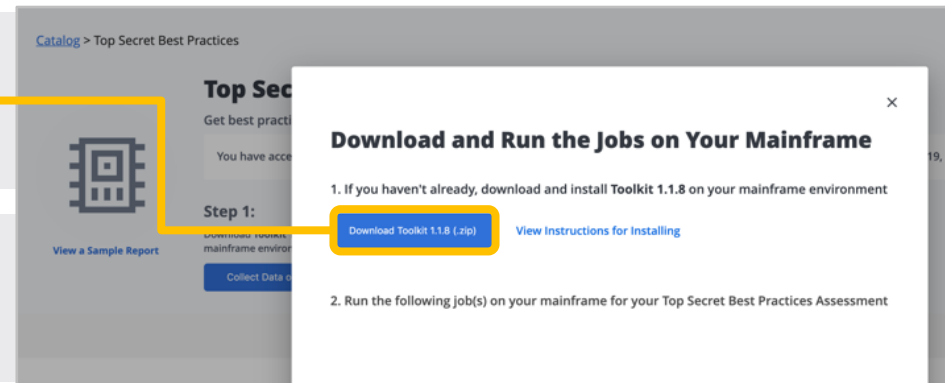
FTP the CNTL and LOAD libraries to the mainframe, in binary mode.

3

Receive the XMIT files on your mainframe and restore them.

4

Prepare the jobs by editing their headers and adding your HLQ. Check docs for prerequisites.



Things to know

- The **XMIT files** must be transferred to the mainframe in **binary mode**
- The resulting data needs to be fetched from the mainframe in **ASCII mode**
- **Detailed documentation** for all the mainframe tasks is enclosed **in the Toolkit zip file** you downloaded as well in the **comments at the beginning of each JCL**

Accessing Your Report

Once your report is ready, you can easily access it:

Sorting and Filtering your Views

Simply click on any column title to sort, or filter by using the search box.

1 Go to the **Reports** section.

2 Once your report reflects **Complete**, click on it to access your report.

How long will it take to get my report?

The time required to prepare a report varies by the assessment requested. Some assessments leverage AI/machine learning and are generated within seconds or minutes. Others leverage experienced CA analysts and may take up to 10 business days to complete. You will be notified when it's ready.

The screenshot shows the 'Mainframe Resource Intelligence' interface. The 'Reports' tab is selected in the top navigation bar. Below the navigation bar, there is a search box and a 'View Reports' button. The main content area displays a table titled 'My Reports'. The table has columns: 'Select', 'Sleptate', 'Type', 'Datacenter', 'Description', 'User', 'Status', and 'Delete'. The 'Status' column contains green 'Complete' labels and orange 'Analyzing' labels. A yellow box highlights the 'Reports' tab in the navigation bar. A yellow arrow points from the 'Complete' status label in the first row to the 'View Reports' button. Another yellow arrow points from the 'Complete' status label in the second row to the 'View Reports' button. A yellow box highlights the row for the report titled 'SpenceTest - SE' with status 'Complete'. A yellow arrow points from the 'Complete' status label in this row to the 'View Reports' button. A yellow box highlights the row for the report titled 'Hardware Demo - July 01' with status 'Analyzing'.

Select	Sleptate	Type	Datacenter	Description	User	Status	Delete
<input type="checkbox"/>	11/29/19, 9:31 PM	Software	Smazat		libor.cerny@broadcom.com	Complete	
<input type="checkbox"/>	11/29/19, 5:36 PM	Hardware	Demo	Test for john	libor.cerny@broadcom.com	Complete	
<input type="checkbox"/>	11/21/19, 10:44 AM	Capacity Metrics	Demo	Test for john	libor.cerny@broadcom.com	Complete	
<input type="checkbox"/>	11/15/19, 5:39 PM	Security Essentials	Demo	SpenceTest - SE	chris.spencer@broadcom.com	Complete	
<input type="checkbox"/>	11/15/19, 5:25 PM	Hardware	CO Test	Test for john	libor.cerny@broadcom.com	Analyzing	
<input type="checkbox"/>	9/9/19, 9:07 PM	Hardware	Demo	Spence Test	chris.spencer@broadcom.com	Complete	
<input type="checkbox"/>	7/2/19, 11:35 AM	Hardware	Demo	Test for john	libor.cerny@broadcom.com	Complete	
<input type="checkbox"/>	7/1/19, 7:21 PM	Capacity Metrics	Demo	Cap Metrics - July 01	chris.spencer@broadcom.com	Complete	
<input type="checkbox"/>	7/1/19, 7:20 PM	Health Checks	Demo	Health Check Demo - July 01	chris.spencer@broadcom.com	Complete	
<input type="checkbox"/>	7/1/19, 7:18 PM	Software	Demo	Software Demo - July 01	chris.spencer@broadcom.com	Complete	
<input type="checkbox"/>	6/12/19, 3:22 PM	Hardware	Demo	Hardware Demo - July 01	chris.spencer@broadcom.com	Complete	
<input type="checkbox"/>	6/10/19, 3:10 PM	Security Essentials	Demo			Analyzing	
<input type="checkbox"/>	6/10/19, 10:36 AM	Hardware	Demo		libor.cerny@broadcom.com	Complete	

Getting Support

We're ready to help you if you need assistance:

1

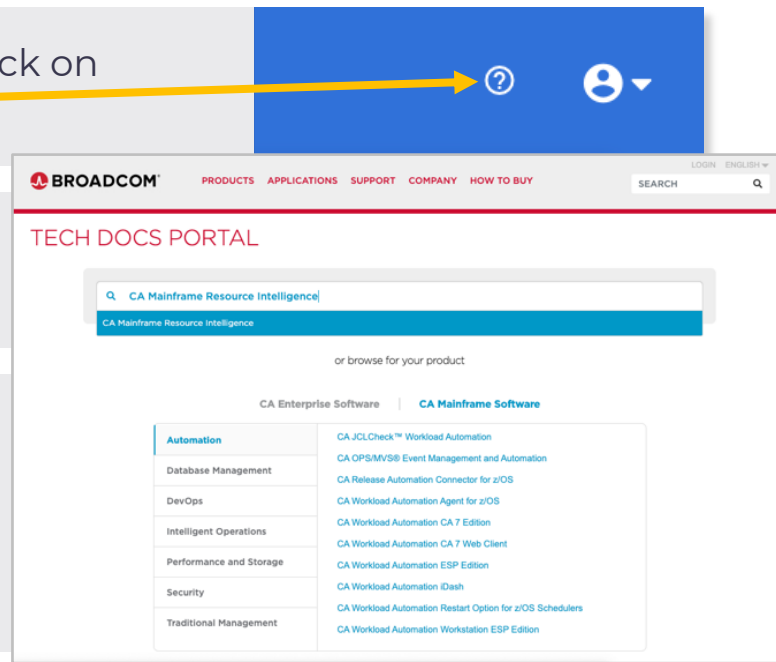
For topic-specific help within the application, click on the **Help Icon**  

2

Visit the online documentation at techdocs.broadcom.com

3

For **paid subscriptions**, contact Broadcom Support at **1-800-225-5224**, or visit support.broadcom.com/mainframe-software
For **trial entitlements**, contact mri-support@broadcom.com



Contact Us!

Thoughts, ideas, suggestions—we'd love to hear from you:

1 For general questions: mri@broadcom.com

2 Visit our website: broadcom.com/mri

3 Request no-charge MRI trial entitlements by visiting: broadcom.com/trymri

Want to see what's next for Mainframe Resource Intelligence?

Be part of our validation community and join the development team as we build new features and offerings.

4 Join our validation program: validate.broadcom.com

