



# **Bar Code Medication Administration (BCMA) BCMA Backup System (BCBU) InterSystems Caché Installation Setup**

**Version 3.0**

**April 2016**

**Department of Veterans Affairs (VA)  
Office of Information and Technology (OIT)  
Product Development (PD)**



## Revision History

Date	Revision	Description	Author
04/2016	PSB*3*91	Document update for installation of Cache version 2014.	Kevin Cownie
04/2015	PSB*3*84	Document updated by Kevin Cownie. Entire document reformatted.	Kevin Cownie
07/2011	PSB*3*65	Footers updated; removed HSITES and added Product Development, removed VistA. Renamed instances of CACHE to Caché throughout the document. Updated version to reflect BCMA v3.0 version.	
08/2003	PSB*2*17	Original Released Bar Code Medication Administration Backup System (BCBU) InterSystems Caché Workstation Installation Setup Guide.	



# Contents

<b>1</b>	<b>InterSystems Caché Installation Setup .....</b>	<b>1</b>
1.1	Caché Configuration Manager .....	6
1.1.1	Adding a Database.....	7
1.1.2	Adding a Namespace.....	12
1.1.3	Global and Routine Mapping .....	16
1.1.4	Global Mapping.....	17
1.1.5	Routine Mapping.....	19
1.1.6	Cache Licenses install .....	21
1.1.7	Removing Read/Archive Properties .....	22
1.2	Telnet Instructions.....	22
1.3	Setting up Telnet and Terminal Users.....	34
1.4	Setting up the BCMA Shortcut.....	40
1.4.1	Edit a TRM or VTRM device.....	45

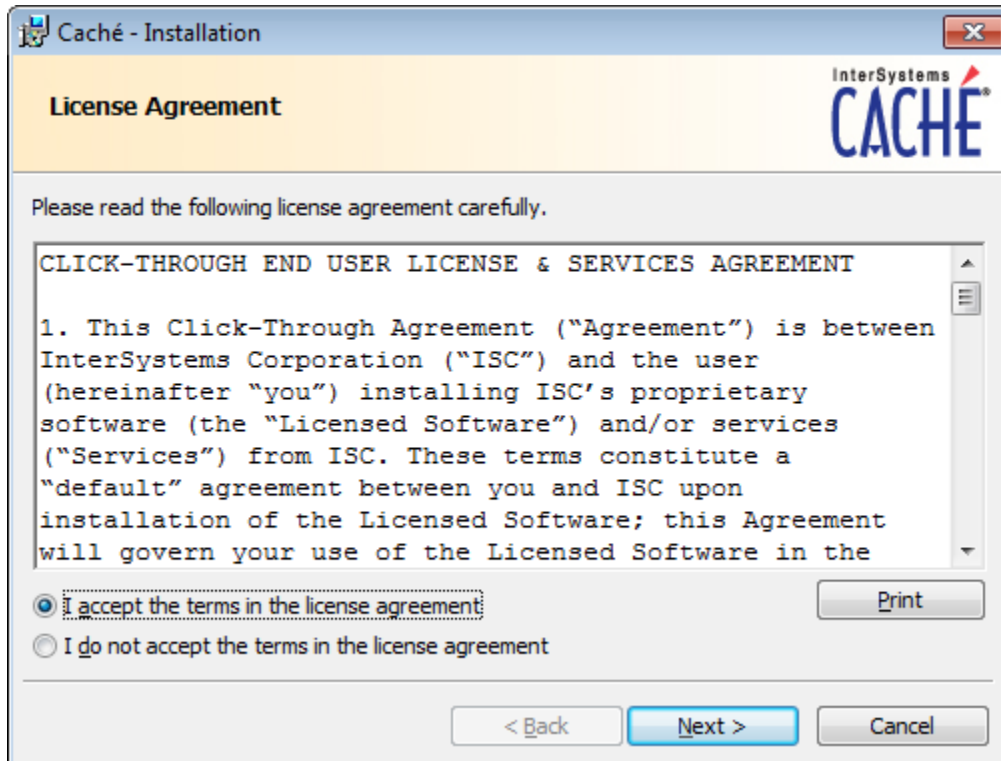


# 1 InterSystems Caché Installation Setup

This section illustrates step-by-step installation of Caché v2014, for use with Bar Code Medication Administration Backup System (BCBU) Workstation.

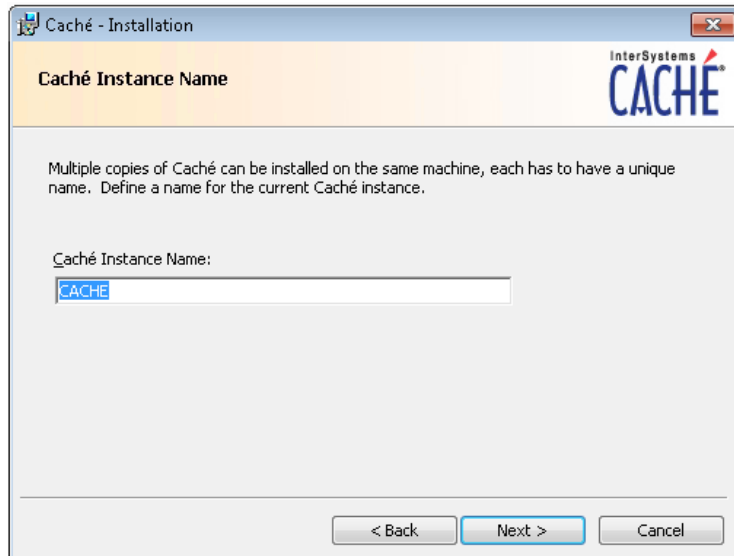
The Caché software was downloaded from the VA FTP sites and is located under the corresponding version of the CACHE folder. To start the setup locate the downloaded executable and run it.

Accept the license agreement and click **Next**.



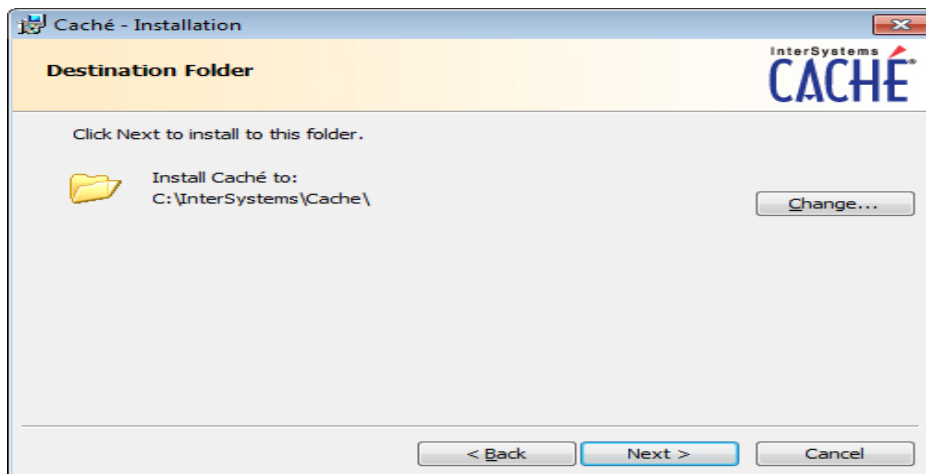
**Figure 1**

Click **NEXT** at the Define Cache Instance Name.



**Figure 2**

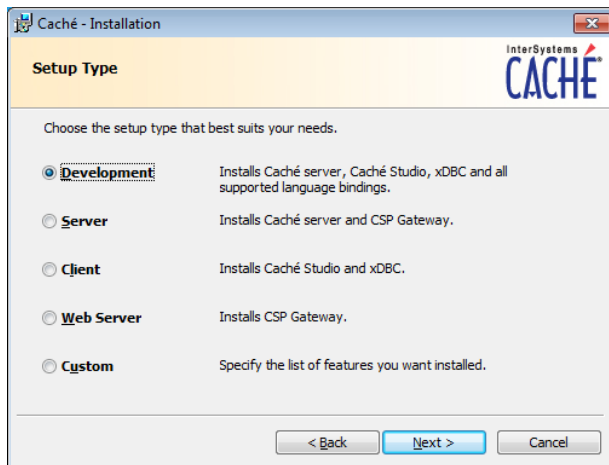
Click **Next** at Destination Folder.



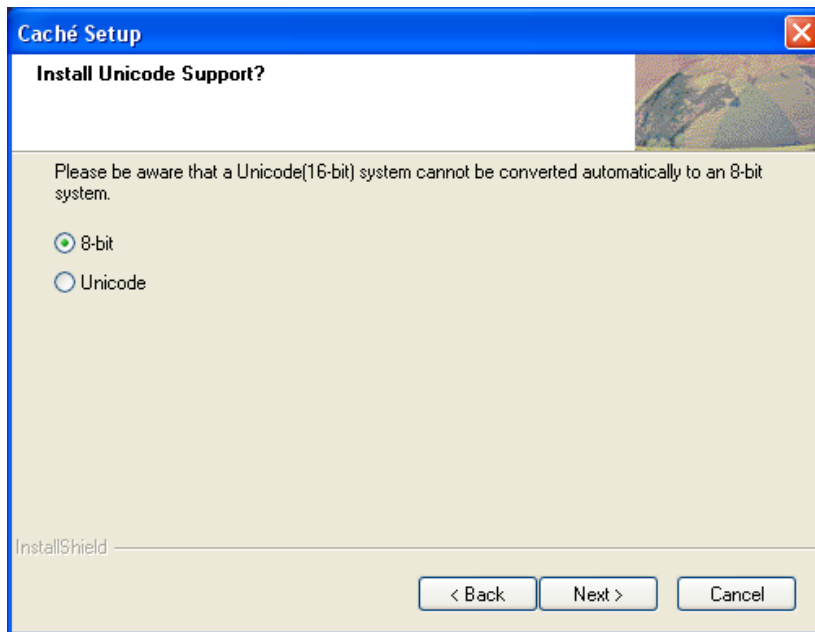
**Figure 3**

Choose **Development** and click **Next**.

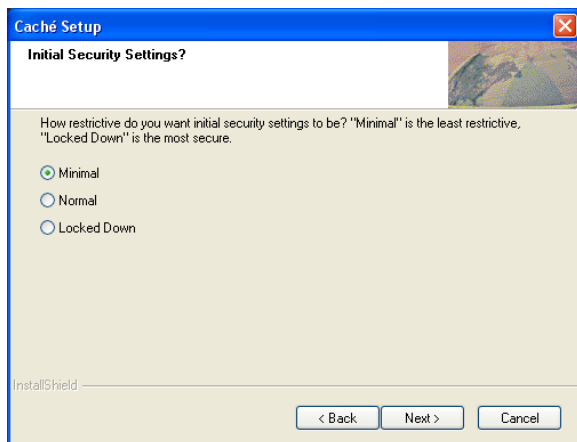


**Figure 4**

Continue following the instructions and accept the defaults for your system.

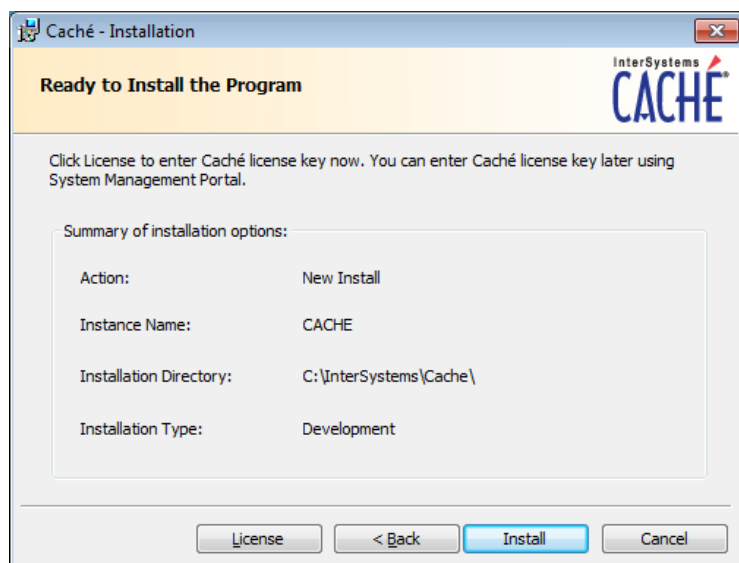


**Figure 5**

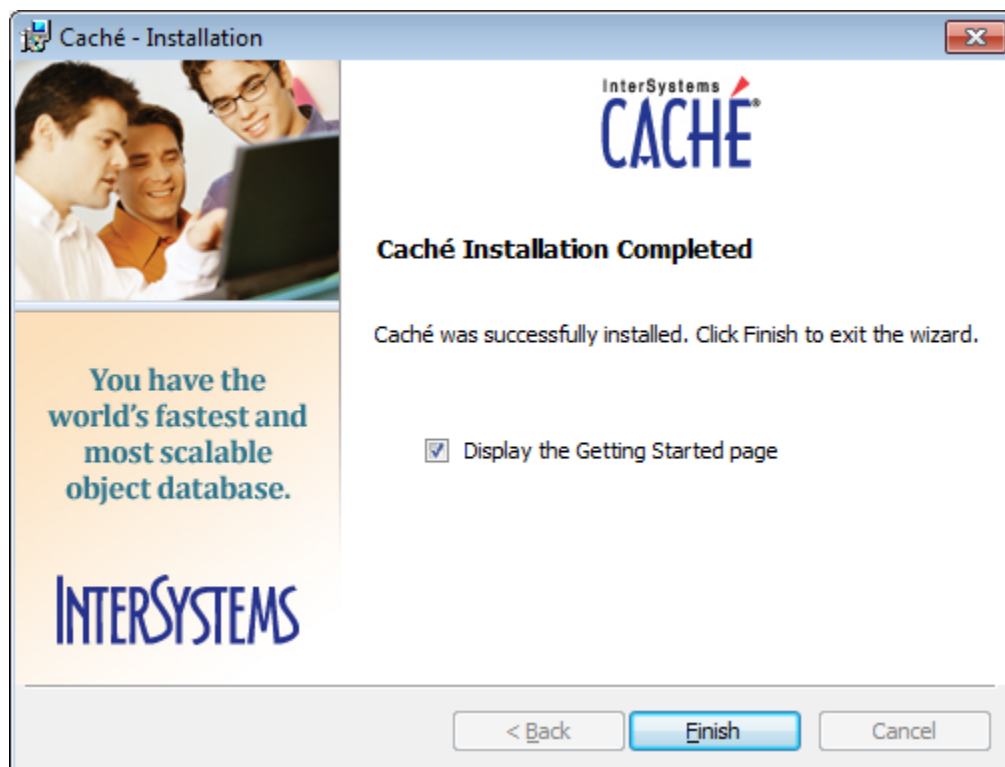


**Figure 6**

Click **Install**.

**Figure 7**

Uncheck **Display the Getting Started** page and click **Finish**.

**Figure 8**

Upon the completion of a successful installation, a "Blue Cube" will appear on the PC toolbar in the lower right hand side of the screen.

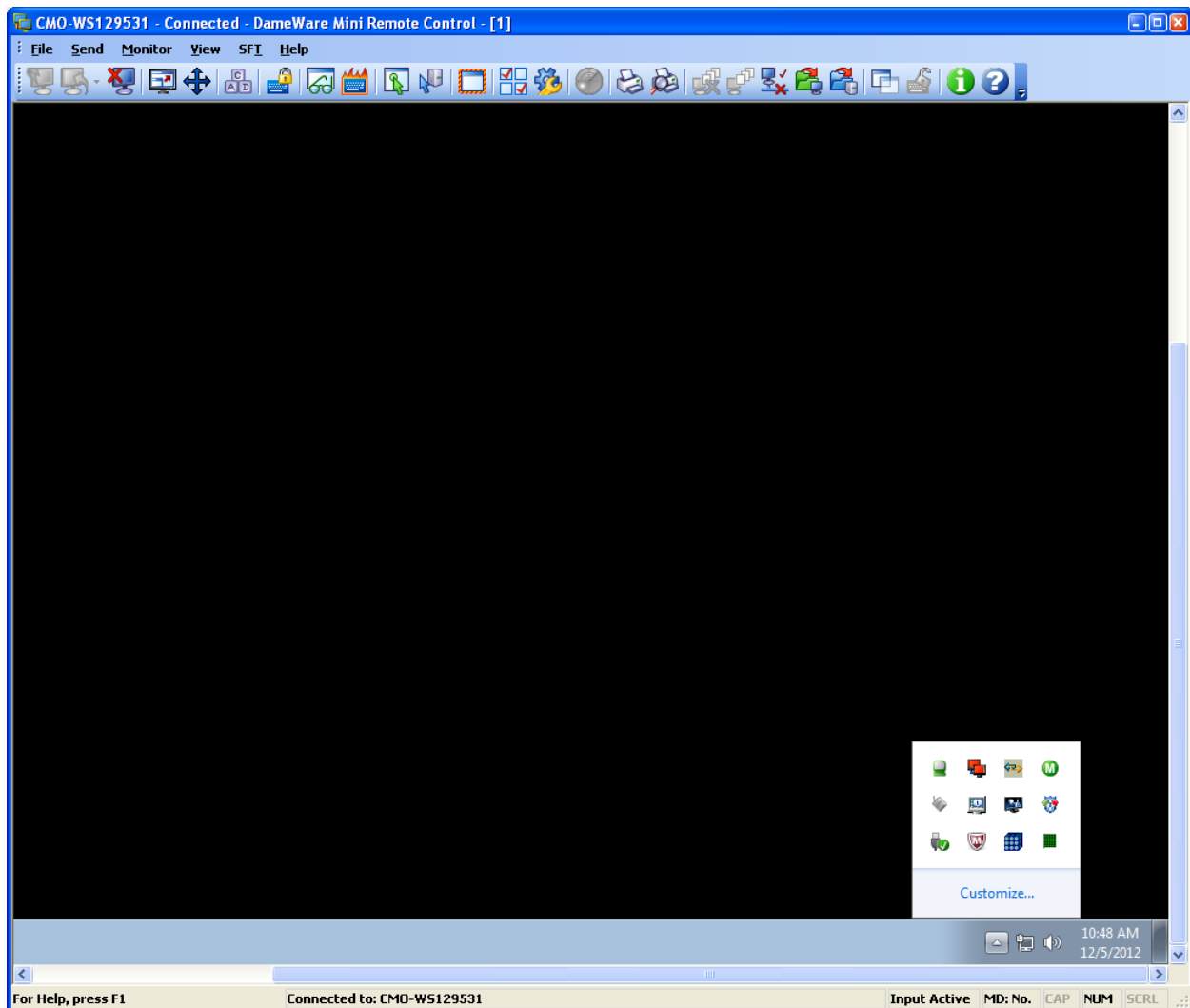


Figure 9

## 1.1 Caché Configuration Manager

Caché must be configured with databases, namespaces, and routines by using the Management Portal located on the Caché cube menu options.

Right clicking on the cube will display the menu options for Caché, and then choose **Management Portal**.

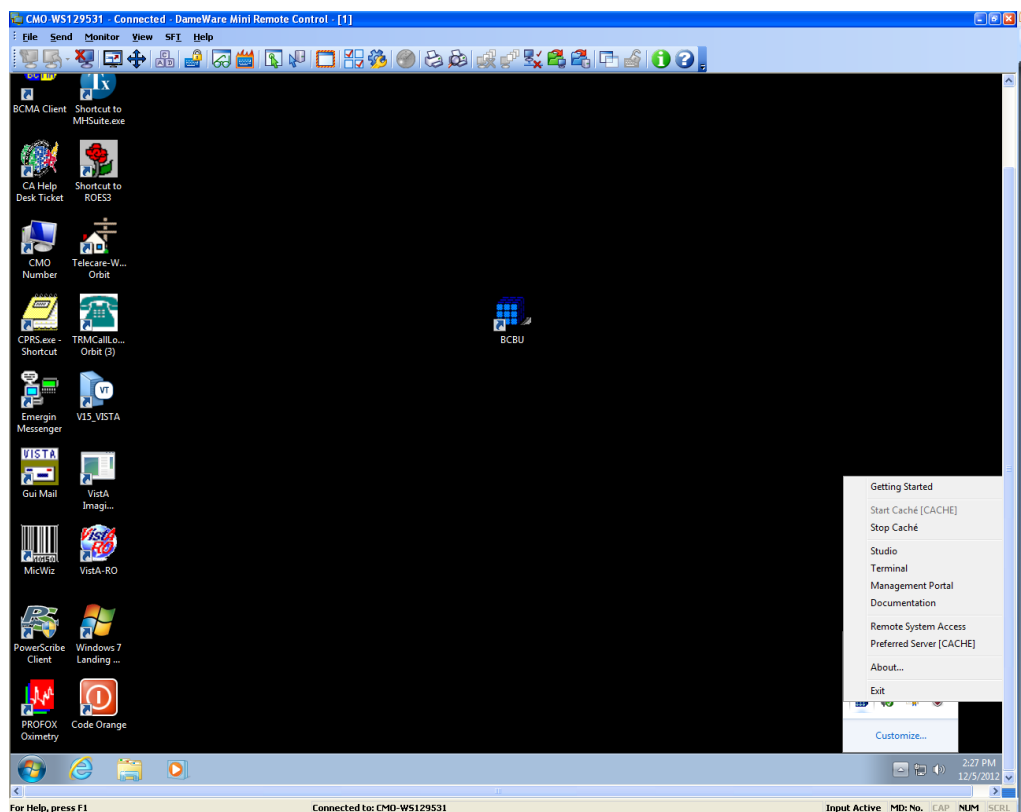
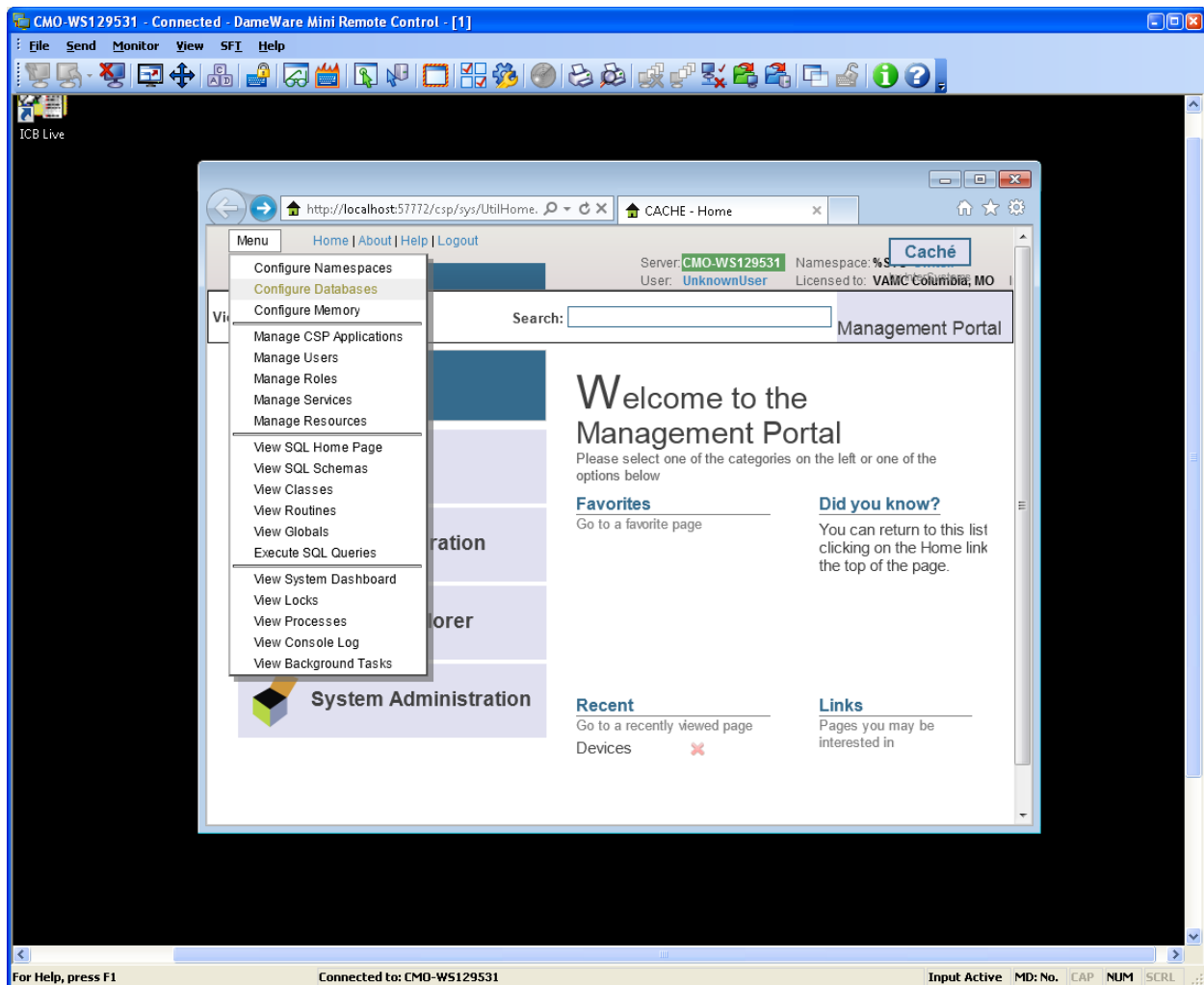


Figure 10

### 1.1.1 Adding a Database

The first step is to add a Database. From the Main Screen, choose the **Menu** button and then **Configure Databases**.



**Figure 11**

Select the **Local Database** option and then **Create New Database** button.

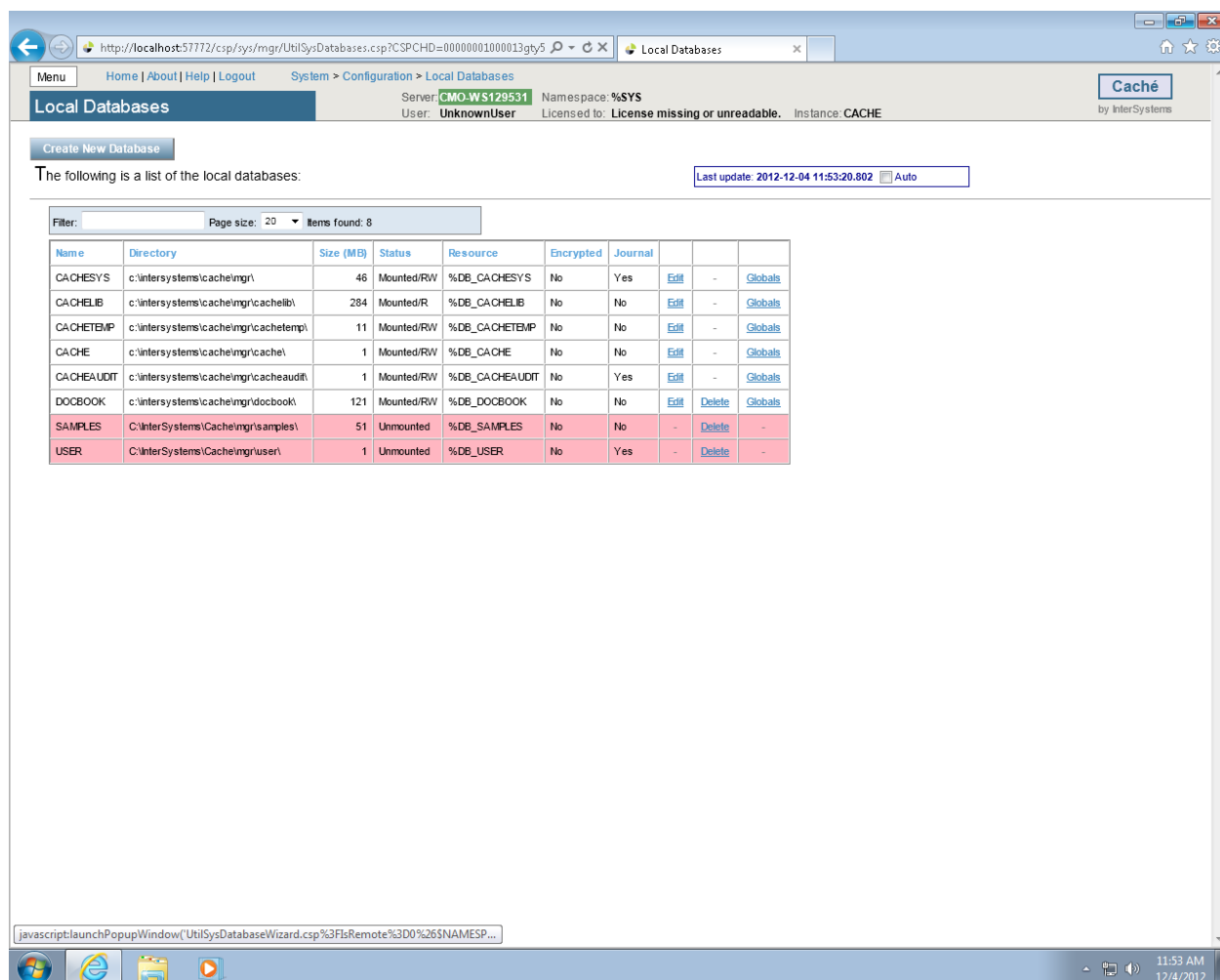
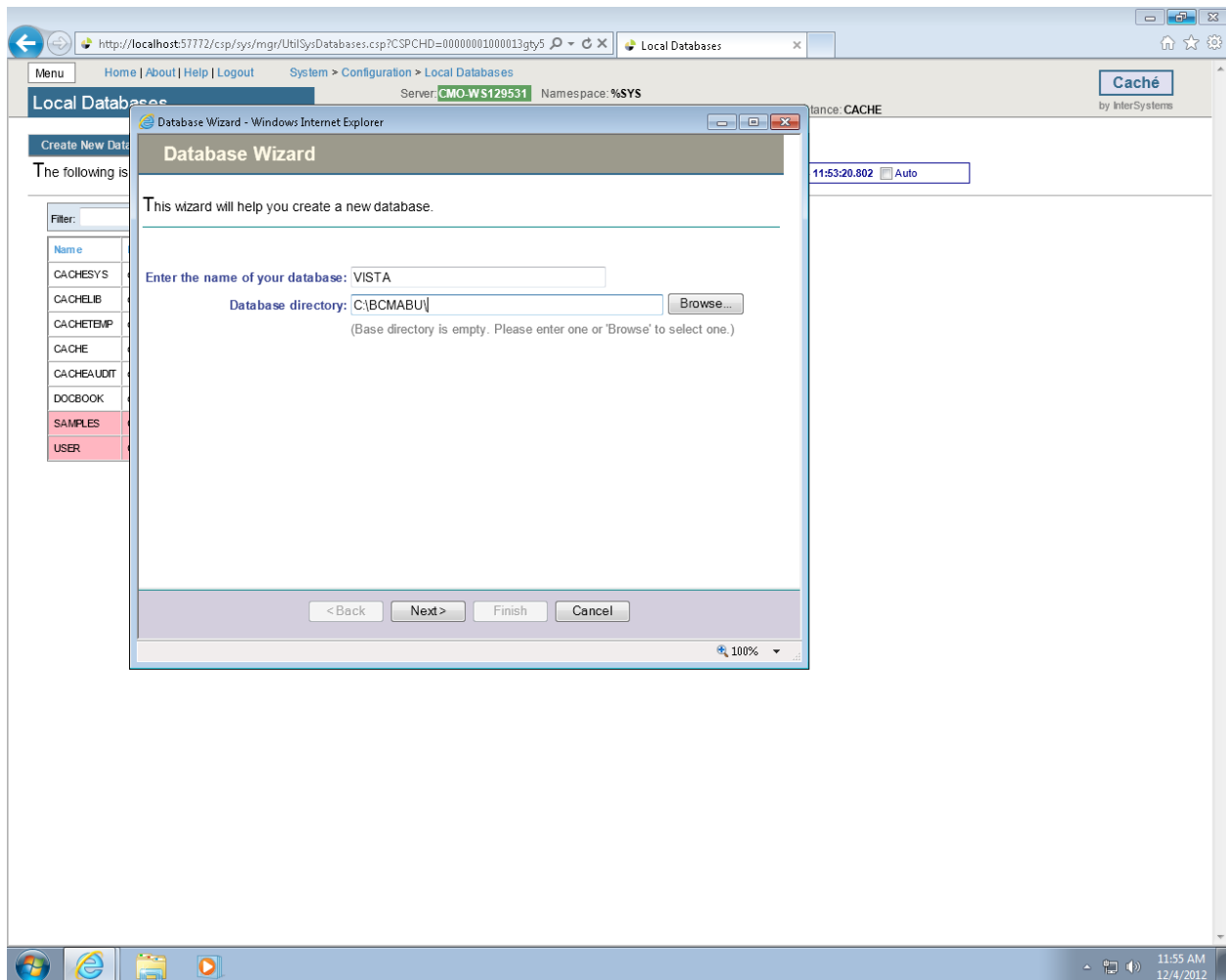


Figure 12

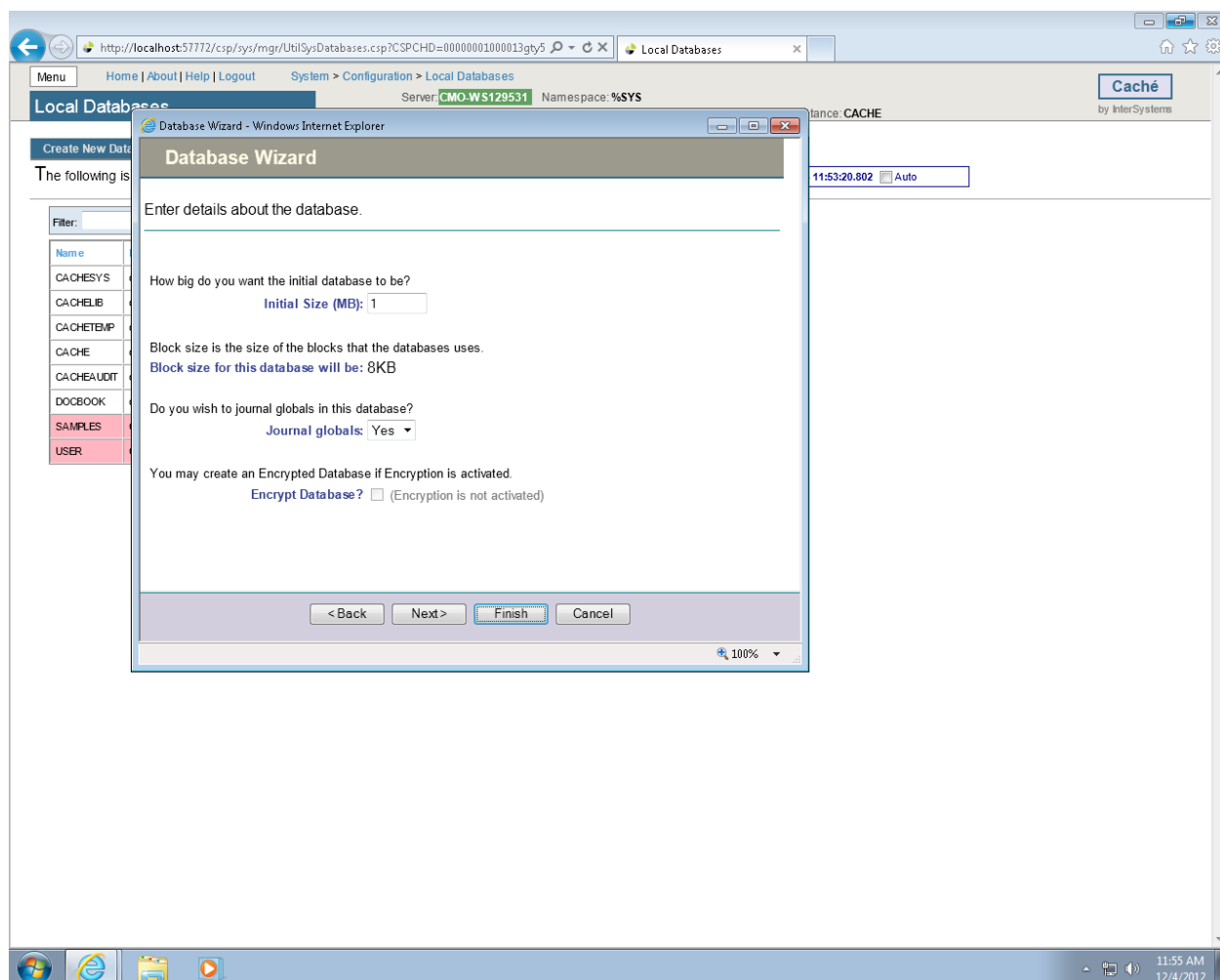
Type **VISTA** as the name of the database and enter **C:\BCMABU** into the Directory Selected field. Click **NEXT** to continue.



**Figure 13**

Verify values entered and click **FINISH**.





**Figure 14**

The newly created database should now appear in the list (bottom of the list) with C:\BCMABU\ as its directory.

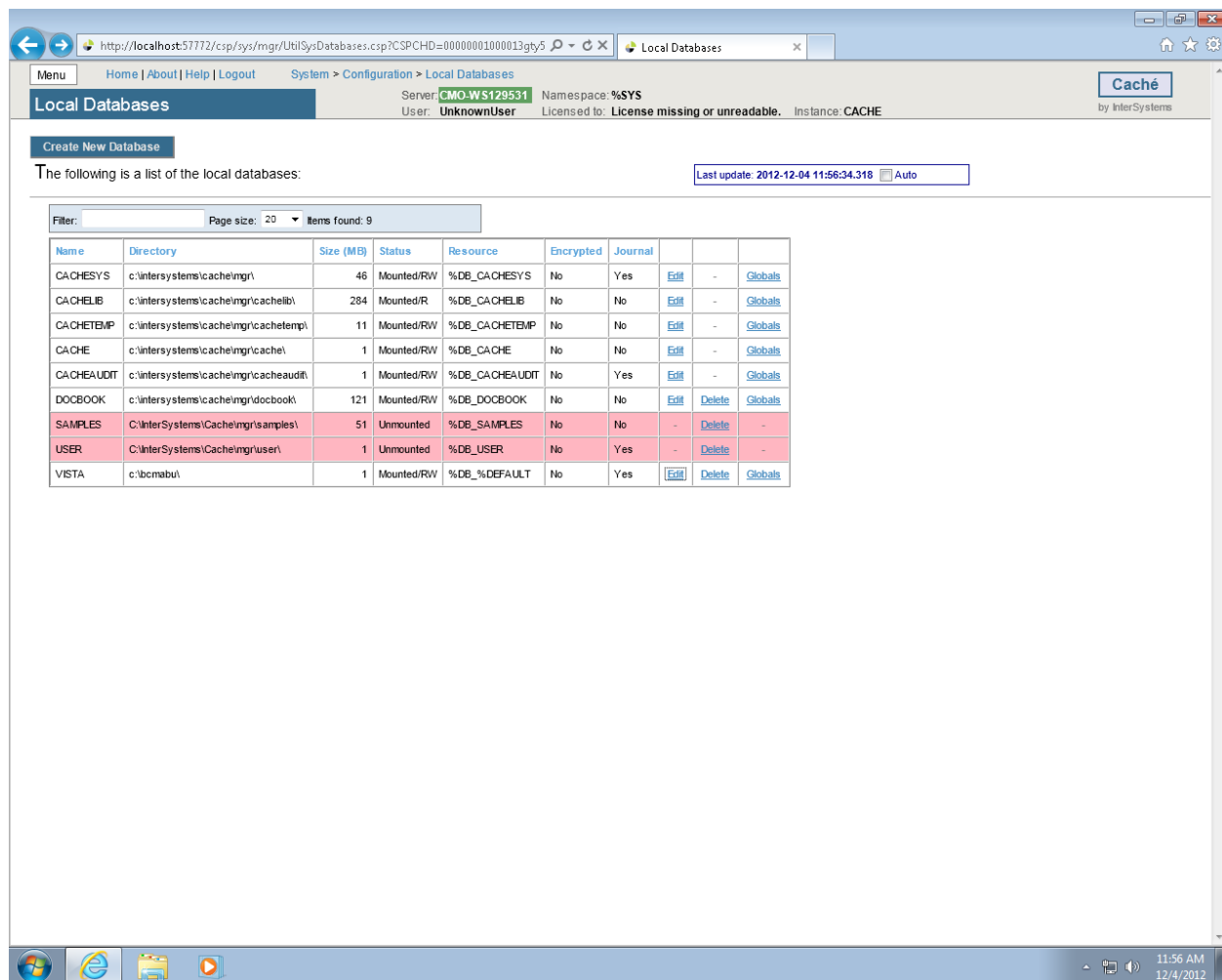


Figure 15

### 1.1.2 Adding a Namespace

We will create the namespace VISTA and attach it to the VISTA database.

Click the **MENU** button and choose **Configure Namespaces**.

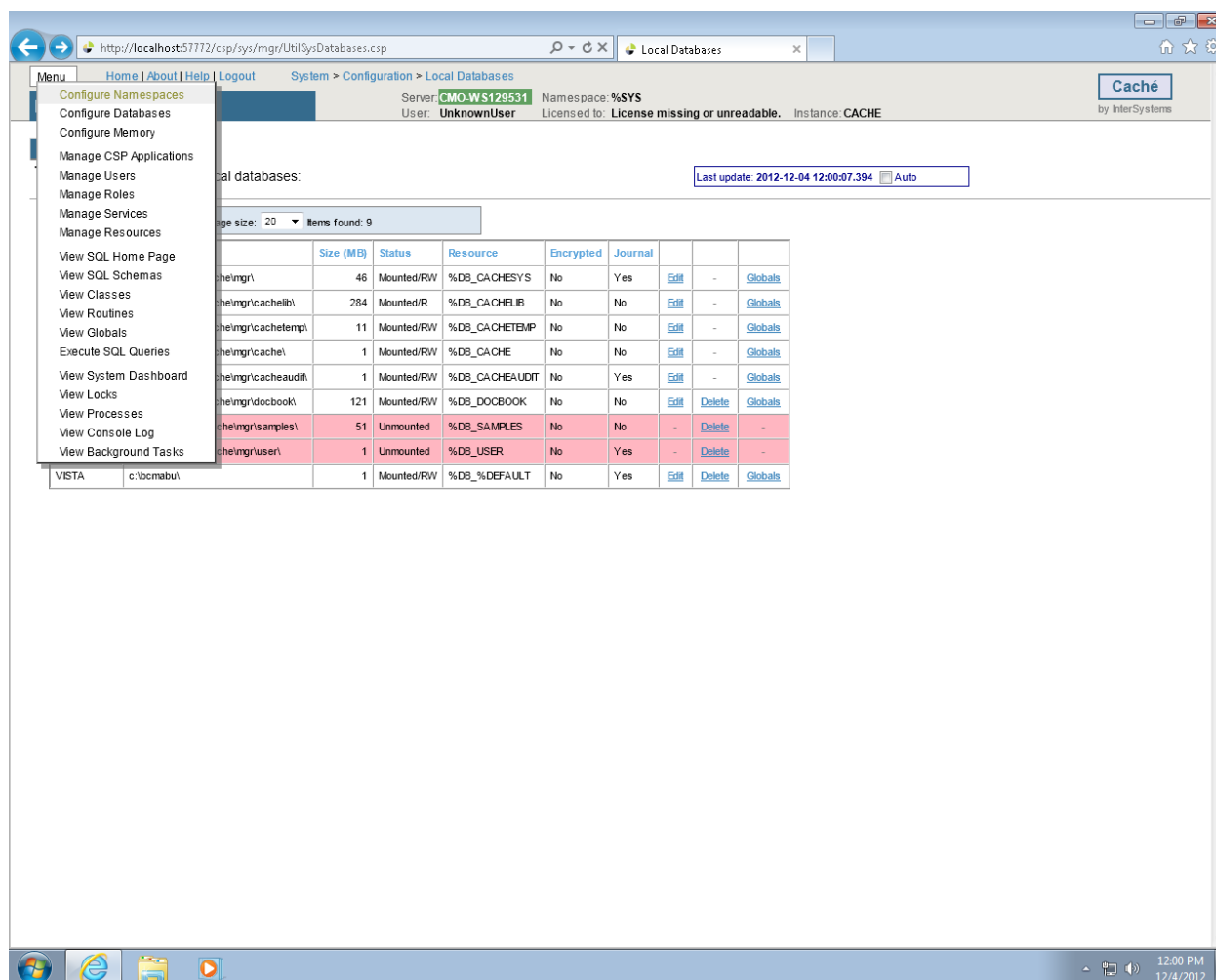
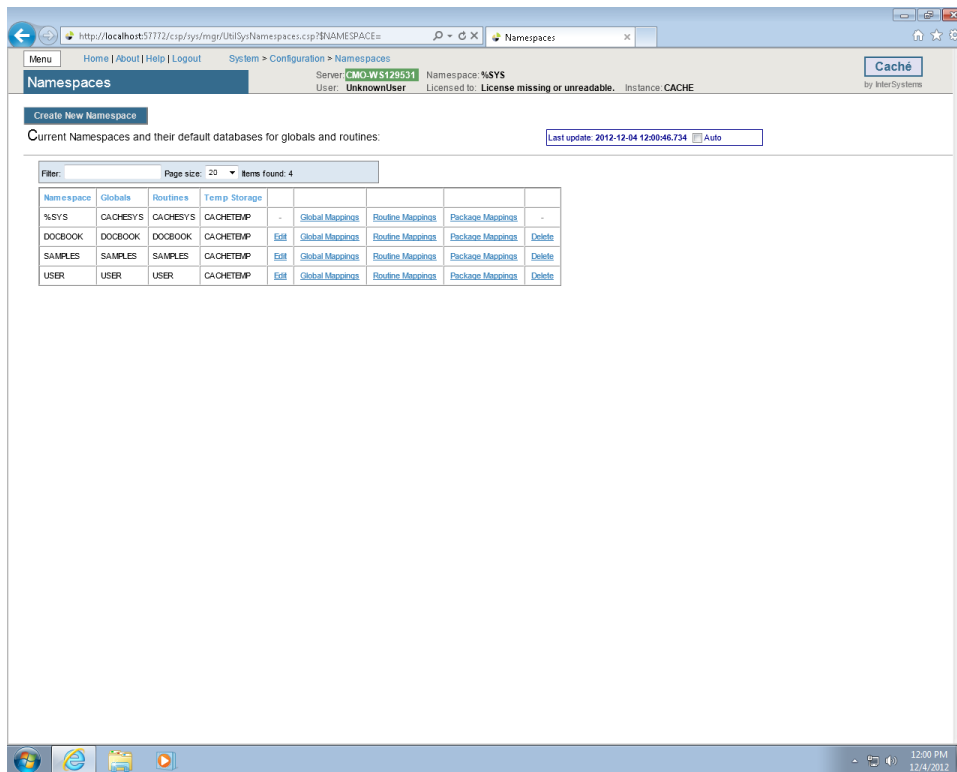


Figure 16

Click Create **New Namespace** button.

## InterSystems Caché Installation Setup



**Figure 17**

Type **VISTA** as the namespace and select **VISTA – C\BCMABU\** as the existing database. Click **Save**.

Menu Home | About | Help | Logout System > Configuration > Namespaces > New Namespace

**New Namespace\*** Server: **ISH-LT7COWNKE** Namespace: **%SYS** User: **UnknownUser** Licensed to: **Dallas OI Field Office** Instance: **CACHE** **Caché** by InterSystems

Save Cancel New Namespace

Use the form below to create a new namespace:

Name of the namespace   
Required.

The default database for this namespace is a ☒ Local Database ☐ Remote Database

Select an existing database    
Required.

Create a default Web application for this namespace ☒

Copy namespace mappings from

**Figure 18**

VISTA namespace should be seen in the listing of Caché Namespaces.

Menu Home | About | Help | Logout System > Configuration > Namespaces

**Namespaces** Server: **ISH-LT7COWNKE** Namespace: **%SYS** User: **UnknownUser** Licensed to: **Dallas Oil Field Office** Instance: **CACHE** **Caché** by InterSystems

Create New Namespace Namespaces

Current Namespaces and their default databases for globals and routines:

Filter: Page size: 0 Max rows: 1000 Results: 5 Page: 1 of 1

Namespace	Globals	Routines	Temp Storage				
%SYS	CACHESYS	CACHESYS	CACHETEMP	<a href="#">Global Mappings</a>	<a href="#">Routine Mappings</a>	<a href="#">Package Mappings</a>	-
<a href="#">DOCBOOK</a>	DOCBOOK	DOCBOOK	CACHETEMP	<a href="#">Global Mappings</a>	<a href="#">Routine Mappings</a>	<a href="#">Package Mappings</a>	<a href="#">Delete</a>
<a href="#">SAMPLES</a>	SAMPLES	SAMPLES	CACHETEMP	<a href="#">Global Mappings</a>	<a href="#">Routine Mappings</a>	<a href="#">Package Mappings</a>	<a href="#">Delete</a>
<a href="#">USER</a>	USER	USER	CACHETEMP	<a href="#">Global Mappings</a>	<a href="#">Routine Mappings</a>	<a href="#">Package Mappings</a>	<a href="#">Delete</a>
<a href="#">VISTA</a>	VISTA	VISTA	CACHETEMP	<a href="#">Global Mappings</a>	<a href="#">Routine Mappings</a>	<a href="#">Package Mappings</a>	<a href="#">Delete</a>

Figure 19

### 1.1.3 Global and Routine Mapping

Global and Routine Mappings are created under the Configuration Namespaces option by selecting Global Mappings and Routine Mappings for the VISTA namespace.

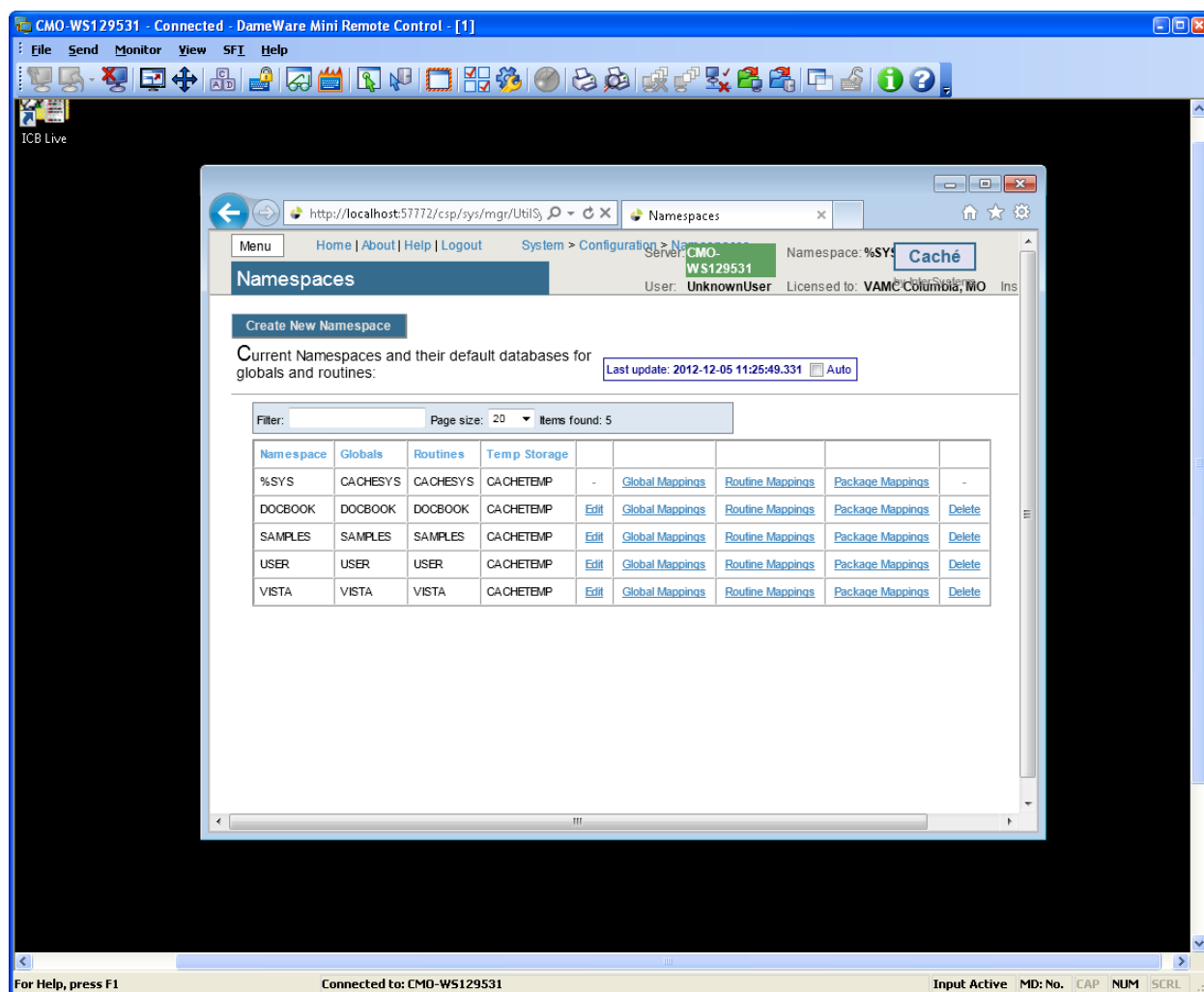


Figure 20

### 1.1.4 Global Mapping

Click Global Mappings for the **VISTA** namespace. Then click **New** to create the global mapping definition as shown in the following slide.

## InterSystems Caché Installation Setup

Menu

Home | About | Help | Logout

System > Configuration > Namespaces > Global Mappings

Caché  
by InterSystems

Global Mappings

Server: ISH-LT7COWNKE  
User: UnknownUser  
Namespace: %SYS  
Licensed to: Dallas Ol Field Office  
Instance: CACHE

NewSave ChangesDiscard ChangesCancel

Global Mappings

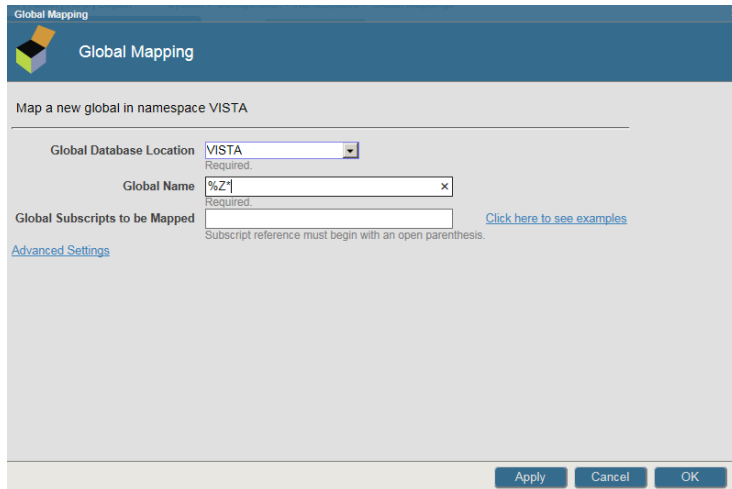
The global mappings for namespace VISTA are displayed below:

Filter:	Page size: 0	Max rows: 5000	Results: 1	Page: < < 1 > > of 1
Global	Subscript	Database		
%Z*		VISTA	<a href="#">Edit</a>	<a href="#">Delete</a>

**Figure 21**

The Global Database Location is **VISTA** and the Global name is **%Z\***. Click **Apply** (Figure 22) and **Save Changes**.





Global Mapping

Map a new global in namespace VISTA

Global Database Location: **VISTA** (Required)

Global Name: **%Z1** (Required)

Global Subscripts to be Mapped: (Required)

[Click here to see examples](#)

[Advanced Settings](#)

Subscript reference must begin with an open parenthesis.

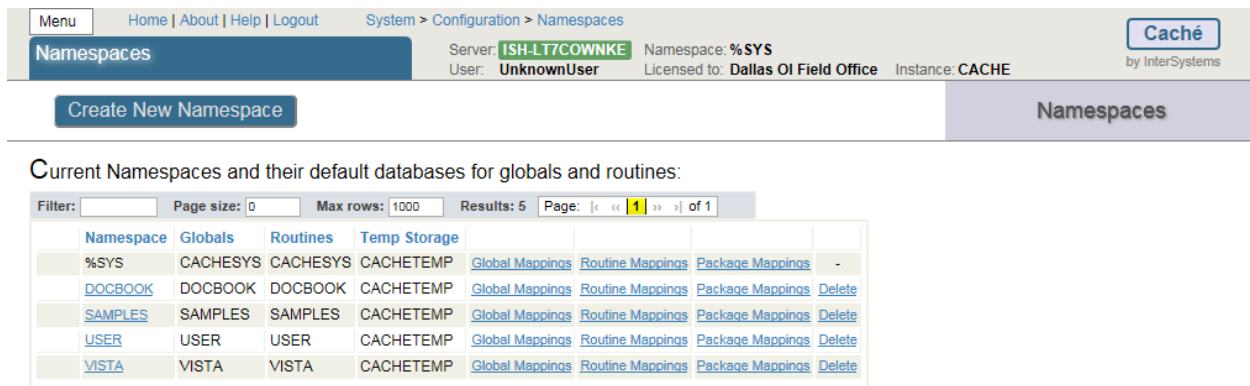
Buttons: Apply, Cancel, OK

Figure 22

## 1.1.5 Routine Mapping

Click the **Menu** button (Figure 23) and then **Configure Namespaces**.

Select **Routine Mapping**.



Menu Home | About | Help | Logout System > Configuration > Namespaces

Namespaces

Server: **ISH-LT7COWNKE** Namespace: **%SYS** User: **UnknownUser** Licensed to: **Dallas Ol Field Office** Instance: **CACHE**

[Create New Namespace](#)

**Namespaces**

Current Namespaces and their default databases for globals and routines:

Namespace	Globals	Routines	Temp Storage				
<b>%SYS</b>	CACHESYS	CACHESYS	CACHETEMP	<a href="#">Global Mappings</a>	<a href="#">Routine Mappings</a>	<a href="#">Package Mappings</a>	-
<a href="#">DOCBOOK</a>	DOCBOOK	DOCBOOK	CACHETEMP	<a href="#">Global Mappings</a>	<a href="#">Routine Mappings</a>	<a href="#">Package Mappings</a>	<a href="#">Delete</a>
<a href="#">SAMPLES</a>	SAMPLES	SAMPLES	CACHETEMP	<a href="#">Global Mappings</a>	<a href="#">Routine Mappings</a>	<a href="#">Package Mappings</a>	<a href="#">Delete</a>
<a href="#">USER</a>	USER	USER	CACHETEMP	<a href="#">Global Mappings</a>	<a href="#">Routine Mappings</a>	<a href="#">Package Mappings</a>	<a href="#">Delete</a>
<a href="#">VISTA</a>	VISTA	VISTA	CACHETEMP	<a href="#">Global Mappings</a>	<a href="#">Routine Mappings</a>	<a href="#">Package Mappings</a>	<a href="#">Delete</a>

Figure 23

Select **New Routine Mapping**. Type the first routine name, **%DT\***, (Figure 24) in the space provided and select **VISTA** as the routine database location. Click **Apply**. Repeat this procedure for routine names **%RCR**, **%XU\*** and **%Z\***. When complete, your routine mapping should appear as shown in Figure 25. Click **Save Changes** and close this window.

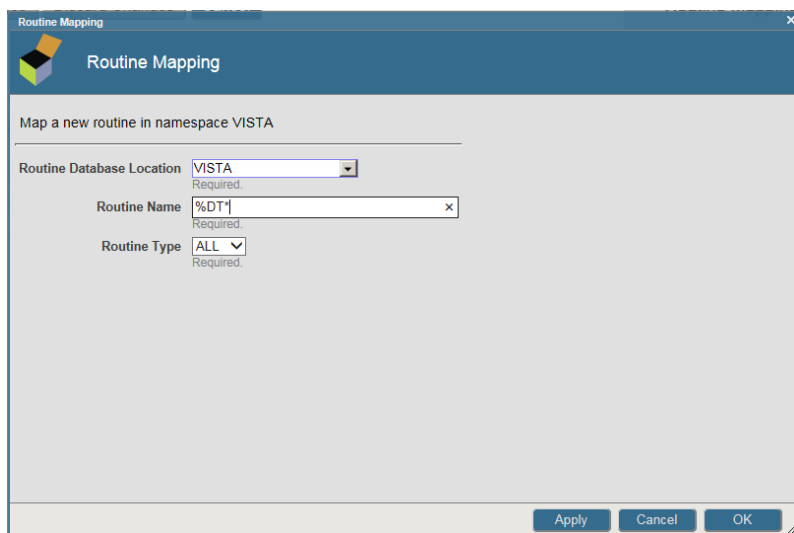


Figure 24

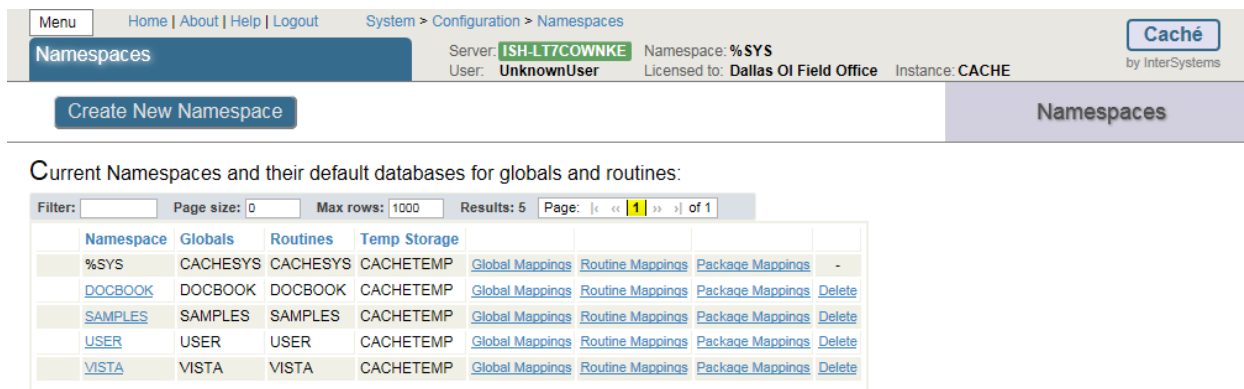


Figure 25

Shut down CACHÉ

Click the Blue Cube (PC toolbar in the lower right hand side of the screen) and choose Stop Cache.

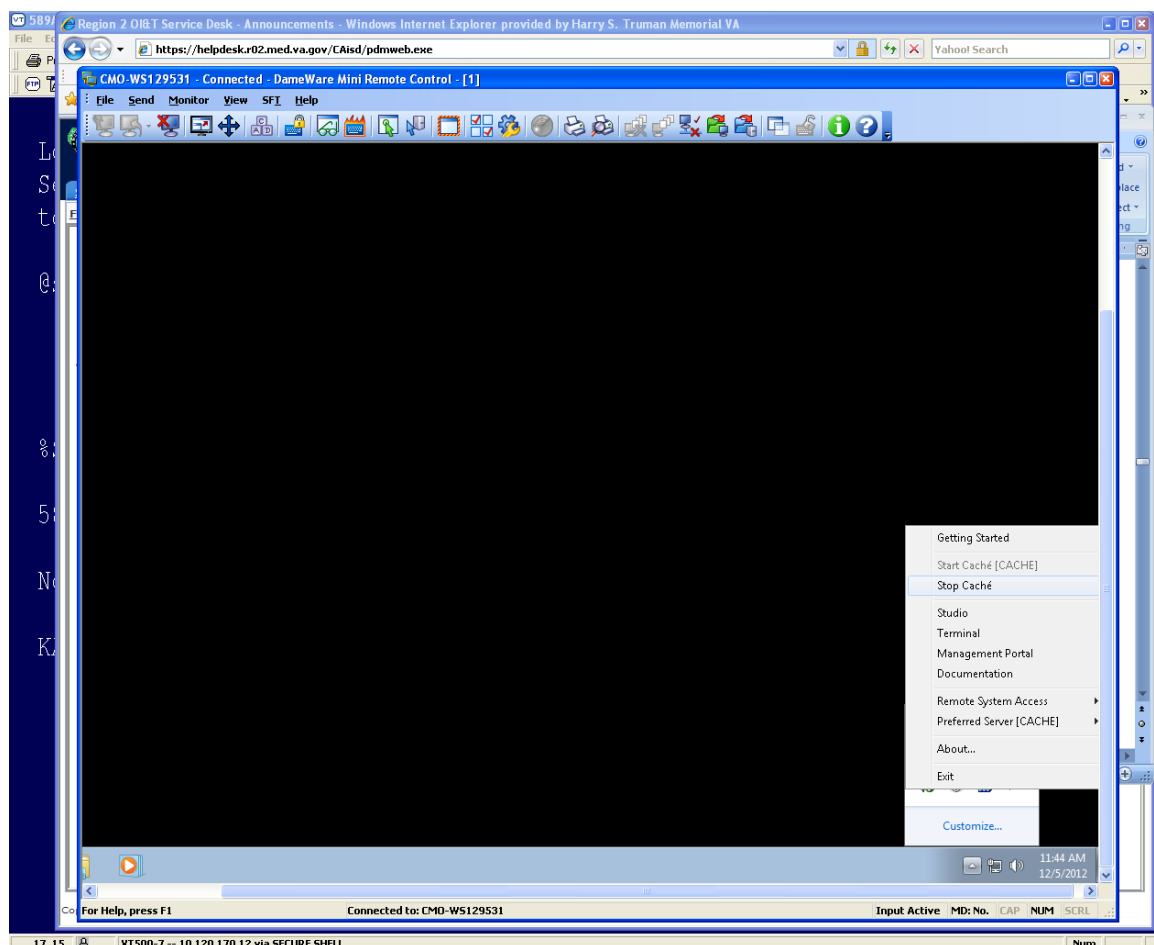


Figure 26

You will see the following screen as CACHE shuts down.

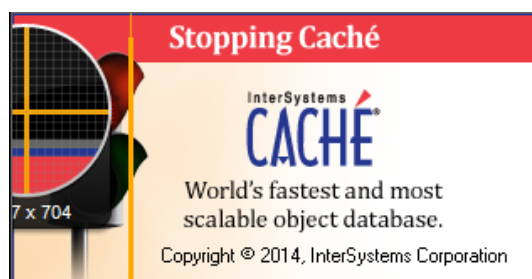


Figure 27

### 1.1.6 Cache Licenses install

The license information is a text file sent to you by InterSystems (cache.key).

Copy and paste into the **C:\InterSystems\Cache\mgr** folder.

CACHE.DAT

April 2016

Bar Code Medication Administration (BCMA)  
BCMA Backup System (BCBU)  
InterSystems Caché Installation Setup

Copy the **CACHÉ.DAT** file you downloaded from the VA FTP site and copy it to the **C:\BCMABU** folder.

You may receive a message stating the file is already present and do you want to replace it with the file you are importing. If so, answer **YES**.

## 1.1.7 Removing Read/Archive Properties

Using the "Windows Explorer", remove the Read and Archive Properties from the CACHÉ.DAT file. Right click "CACHÉ.DAT" and select "Properties" under the General Tab and Click Advance to remove Archive. Click Apply and then OK.

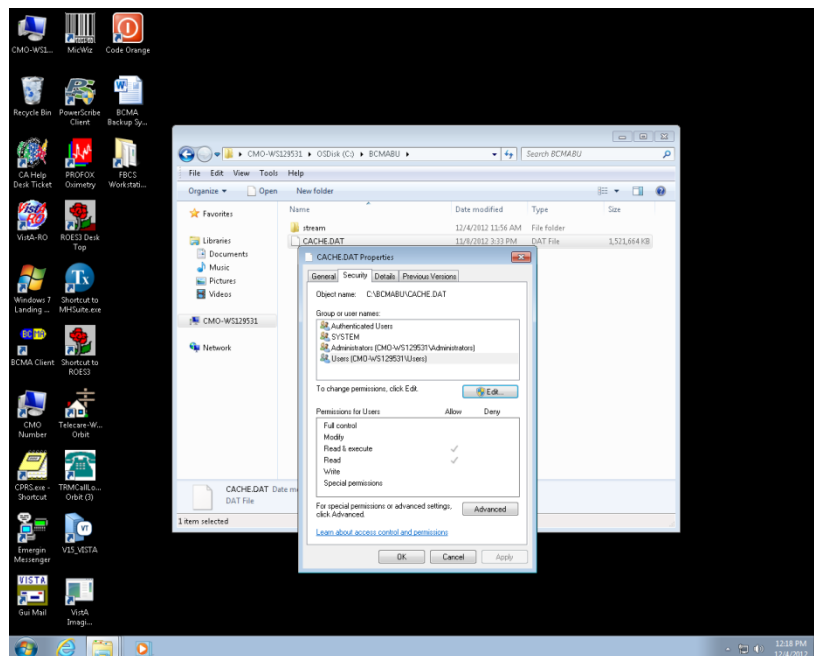
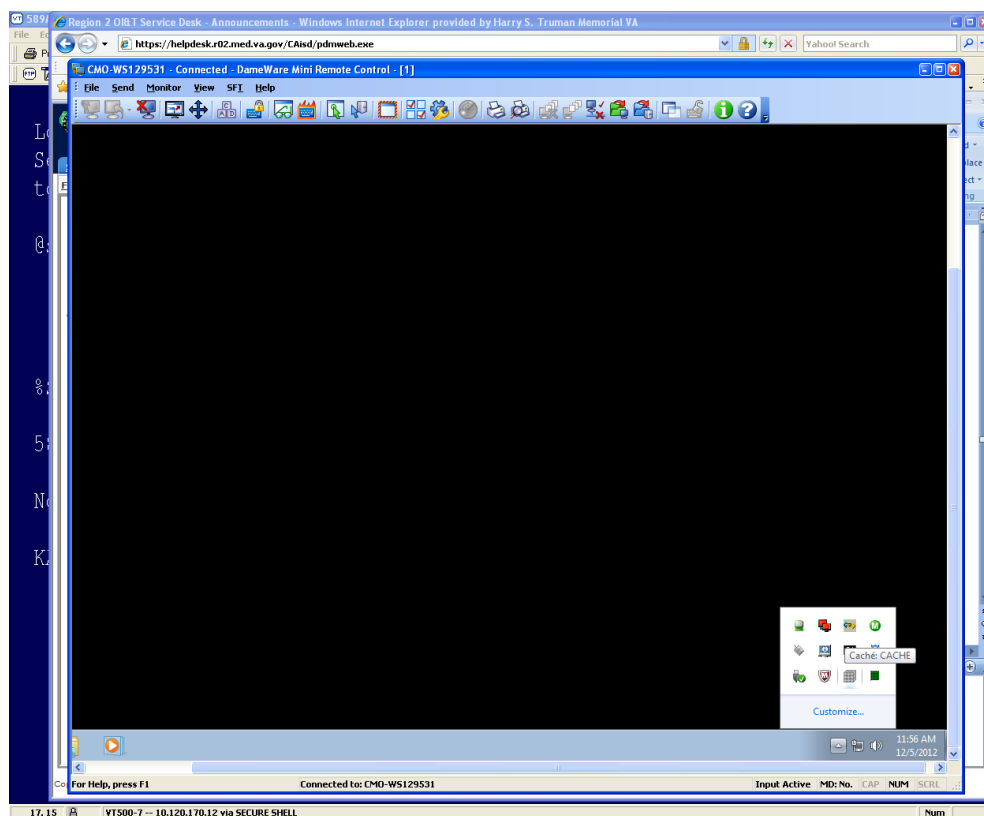


Figure 28

## 1.2 Telnet Instructions

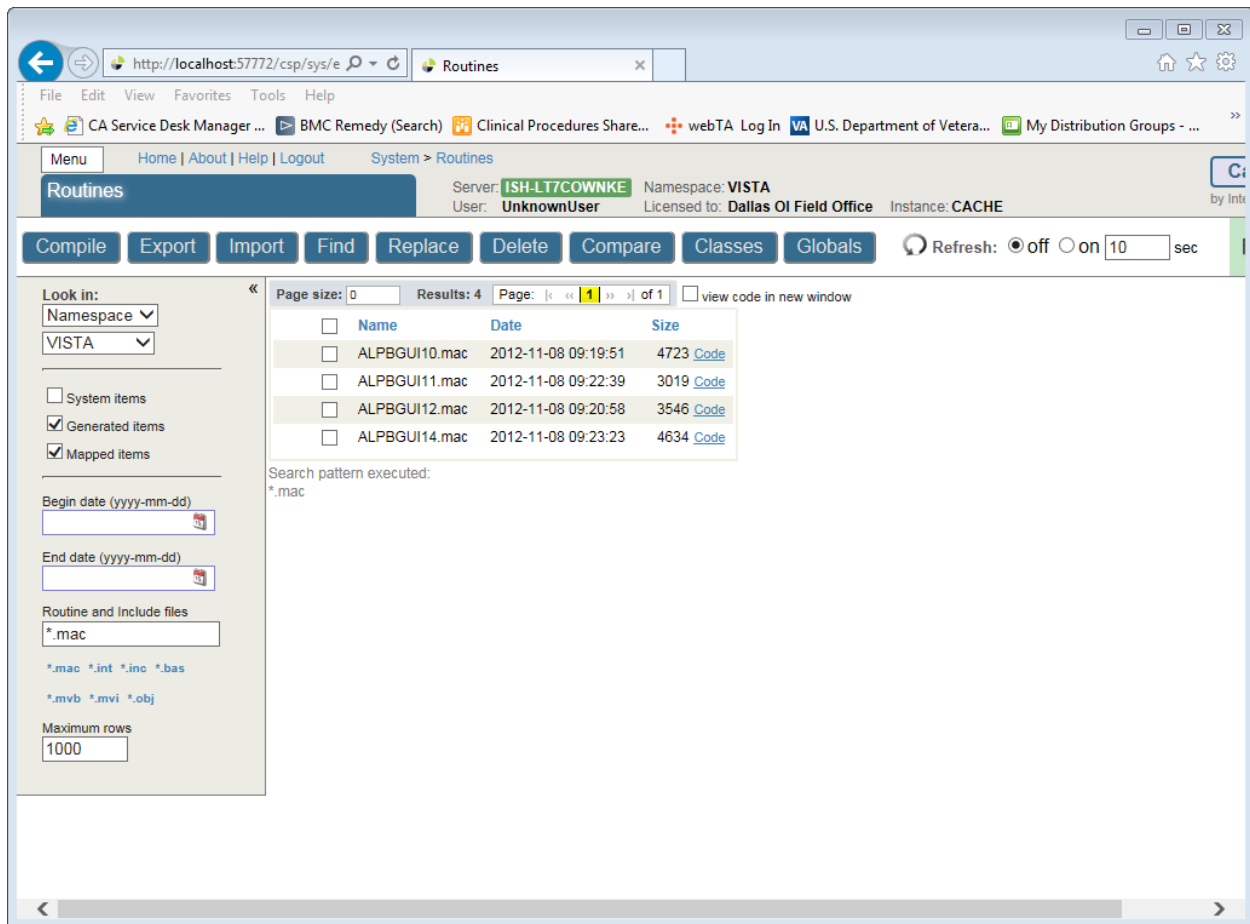
Start Caché. Note: The Cache Cube icon is Gray in color at this point, not Blue.



**Figure 29**

What we are going to do next is to move the **ZSTU** routine from the **VISTA** namespace to the **%SYS** namespace using the Management Portal.

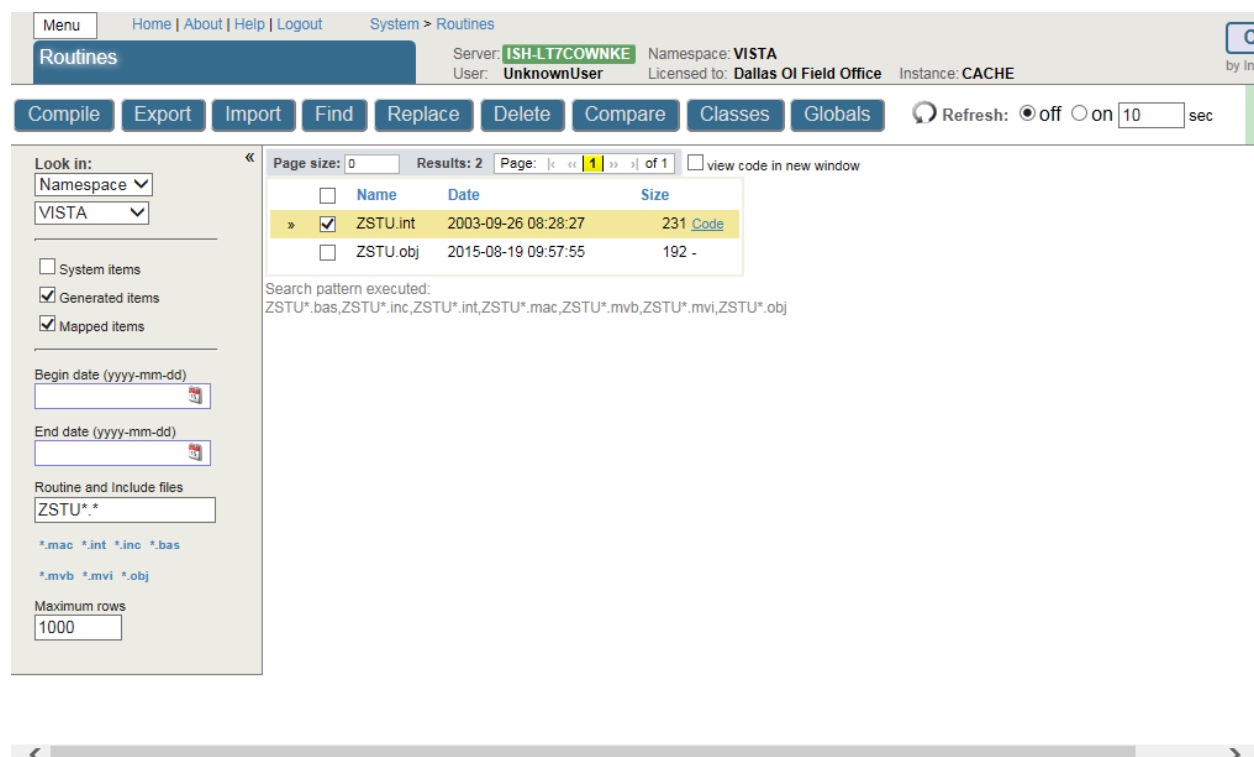
Select **Menu** button then **View Routines**.



**Figure 30**

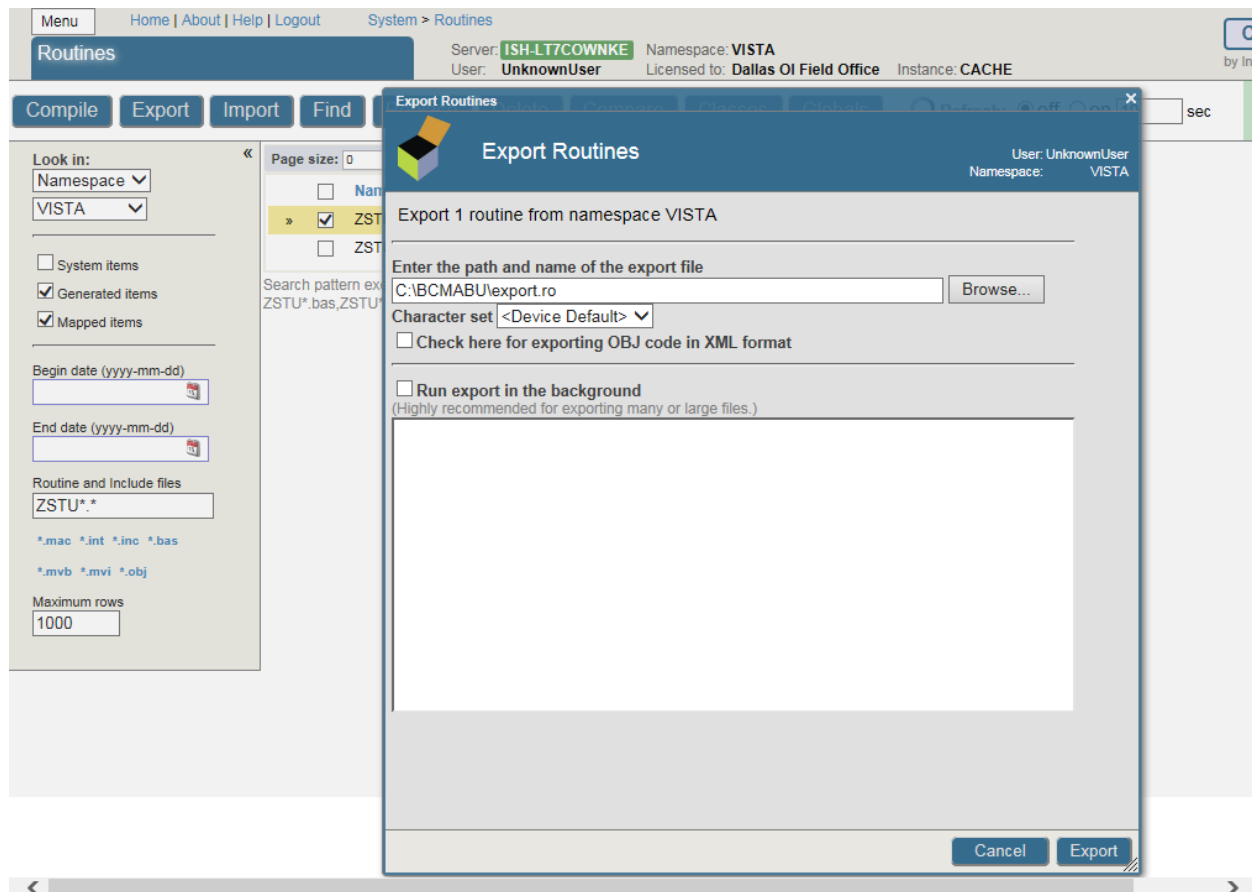
Select VISTA for the Look in Namespace on the left side of the screen.

Enter ZSTU\*.\* in the Routines box and click **Export**.

**Figure 31**

Make sure the check box is selected for the routine (ZSTU.int).

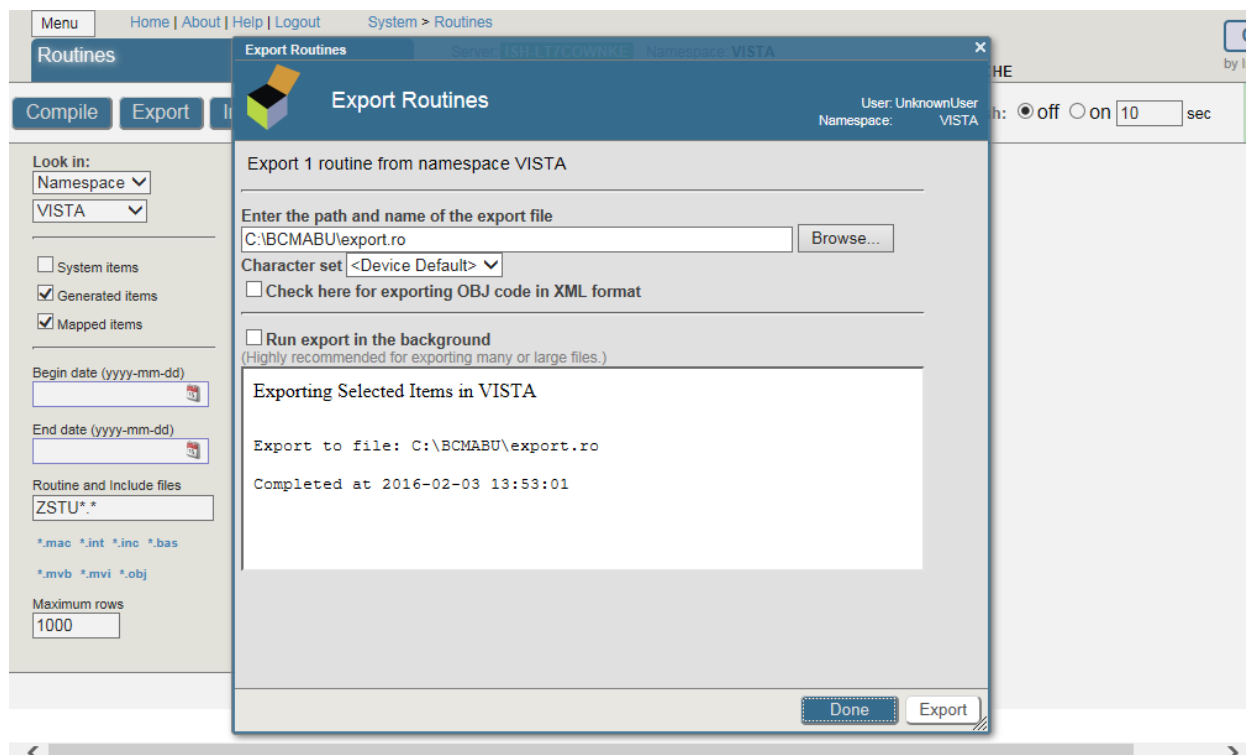
Click **Export**.



**Figure 32**

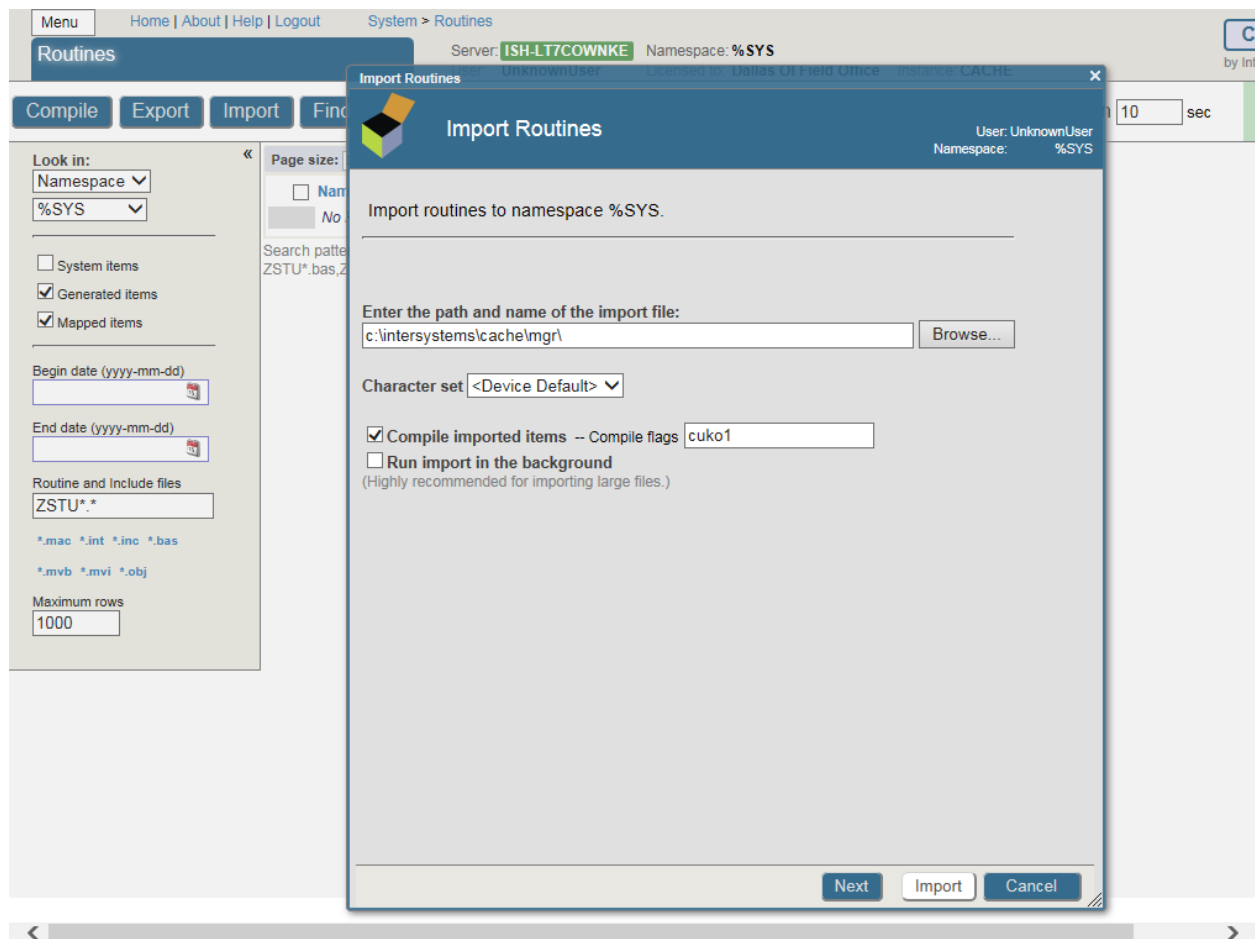
When finished, a message stating it was completed should appear, click **Done** when complete.





**Figure 33**

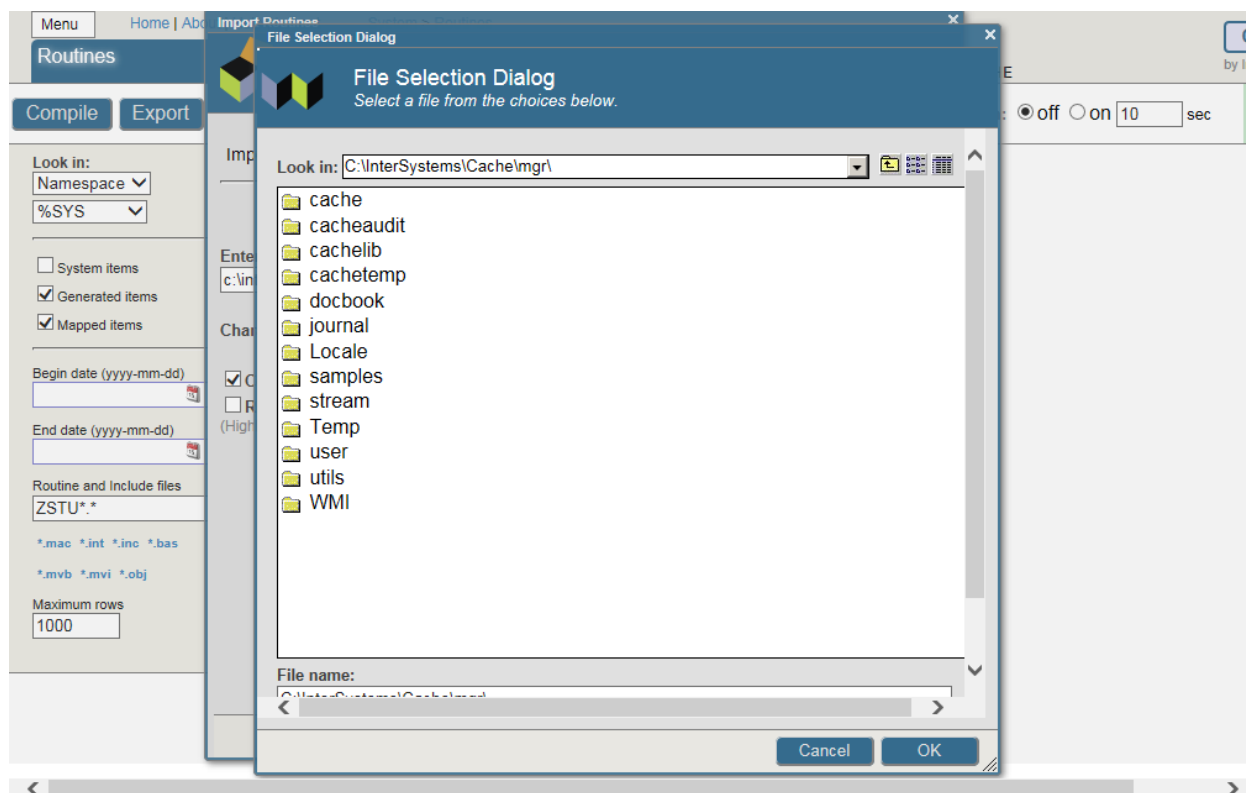
Click the **Menu** button and then **View Routines**. See steps 1 -6 to accomplish the following: Select the **%SYS** namespace (left side of screen). Select **Import** from across the top. Browse to the path where you exported the routine. Select the routine and click **OK**.



**Figure 34**


*Step 1.*

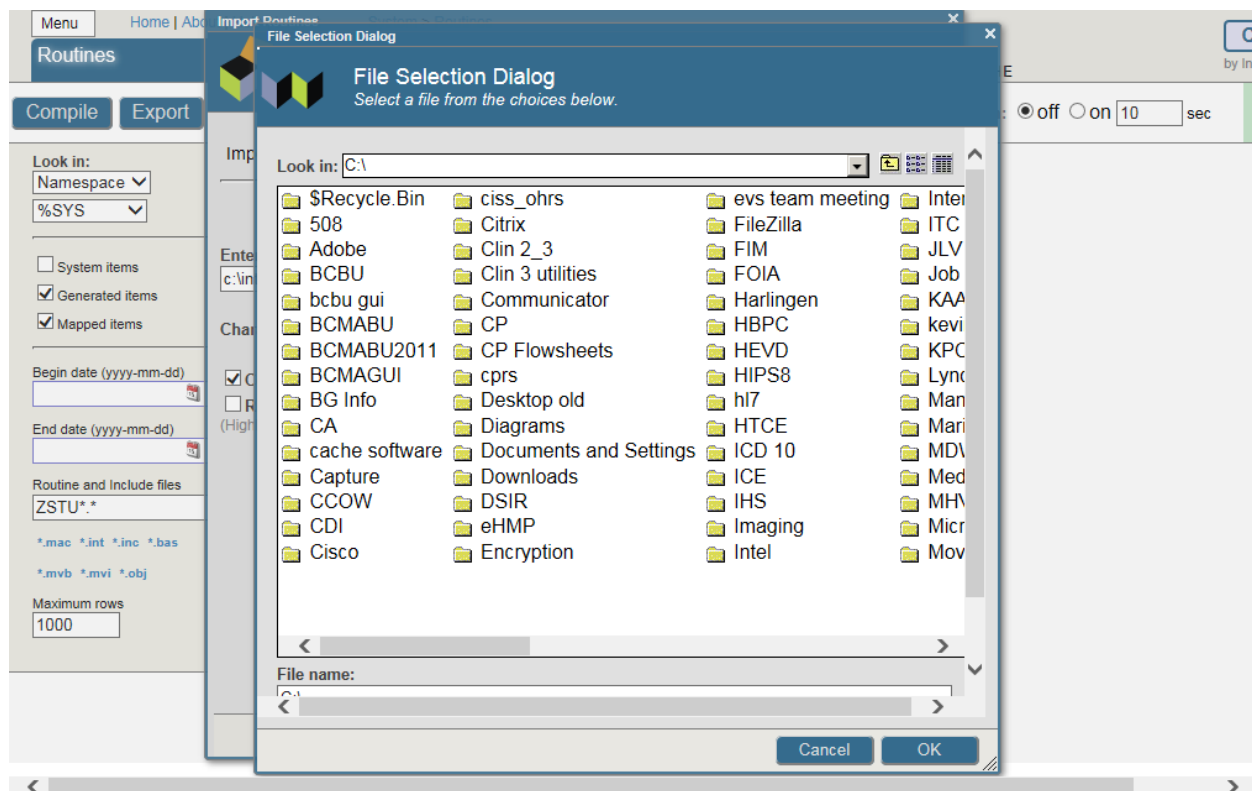
Click the **Browse** button.



**Figure 35**

Step 2.

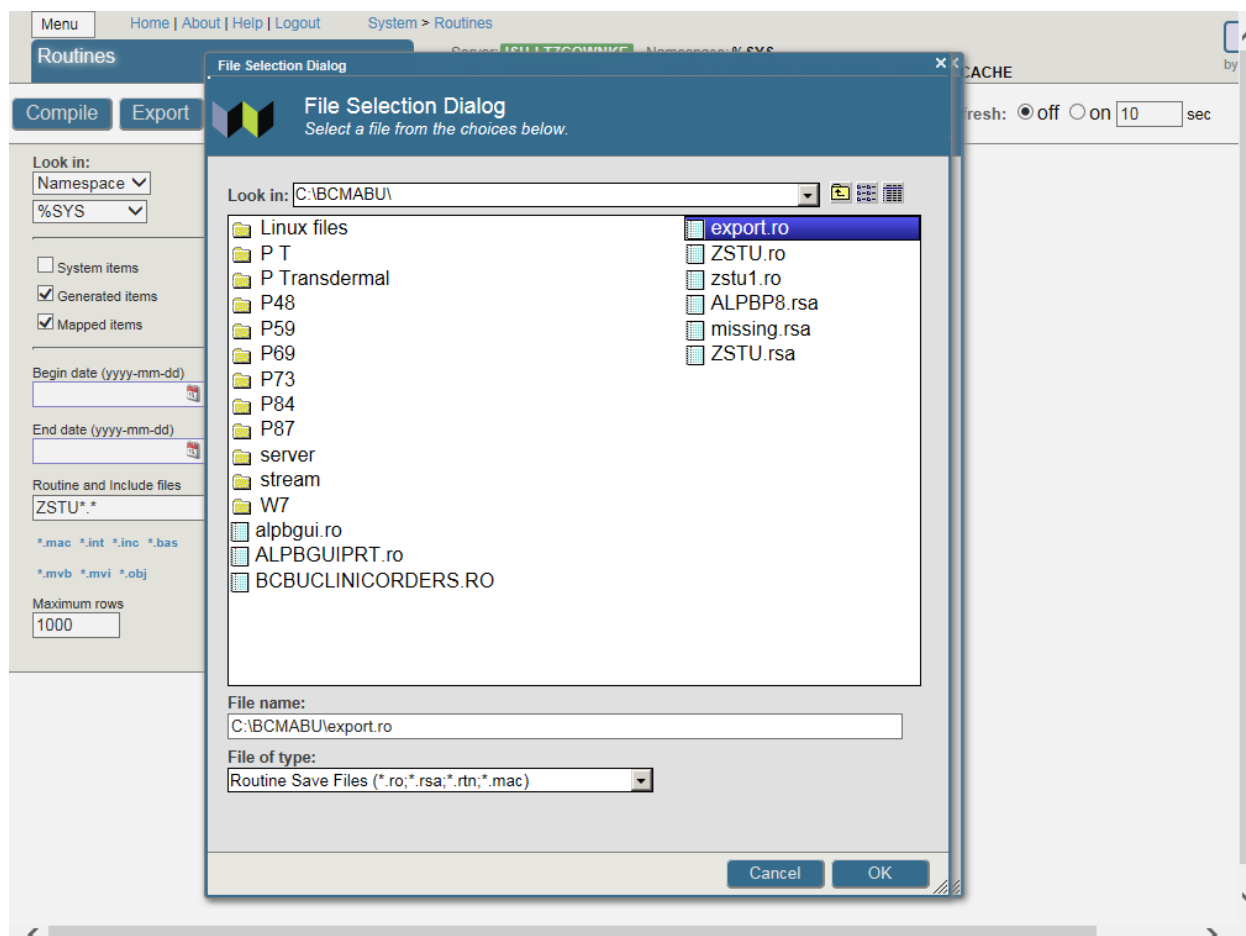
Use the folder icon  on the right to get to the C:



**Figure 36**

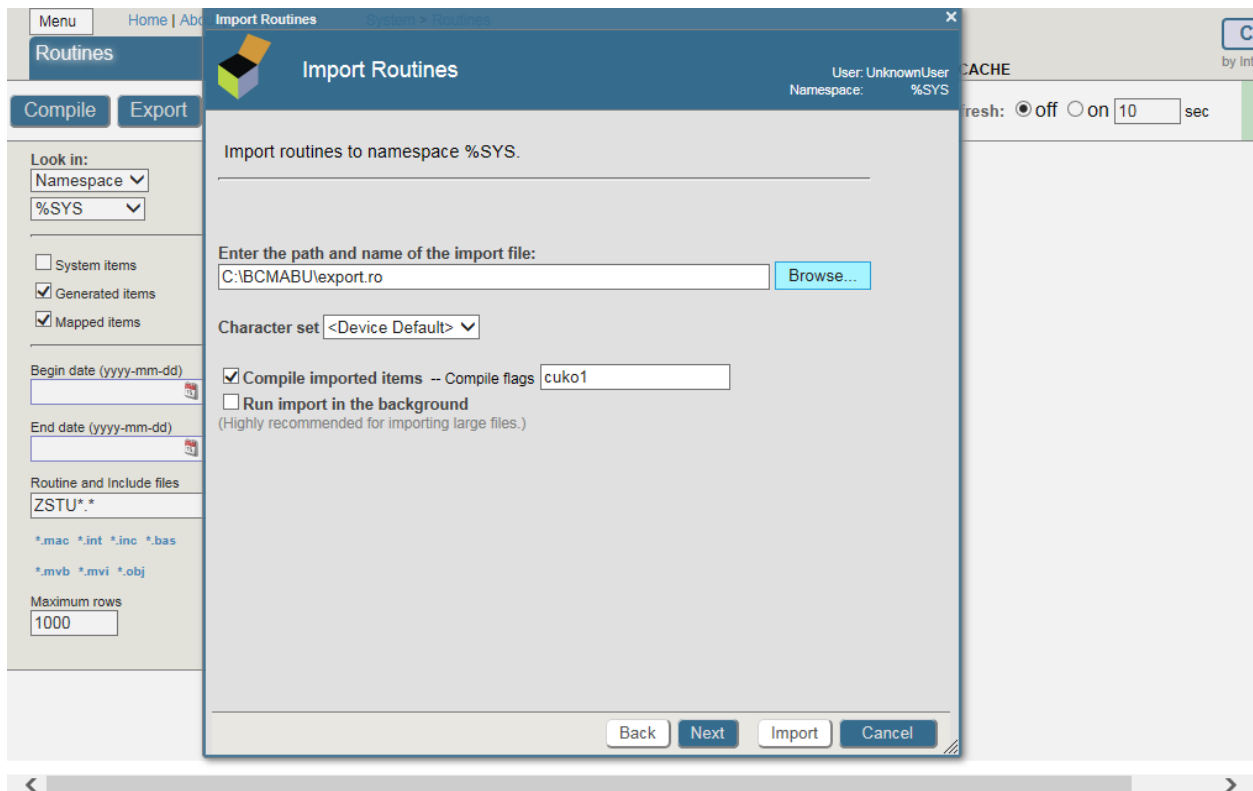
Step 3.

Click **BCMABU**.

**Figure 37**

*Step 4.*

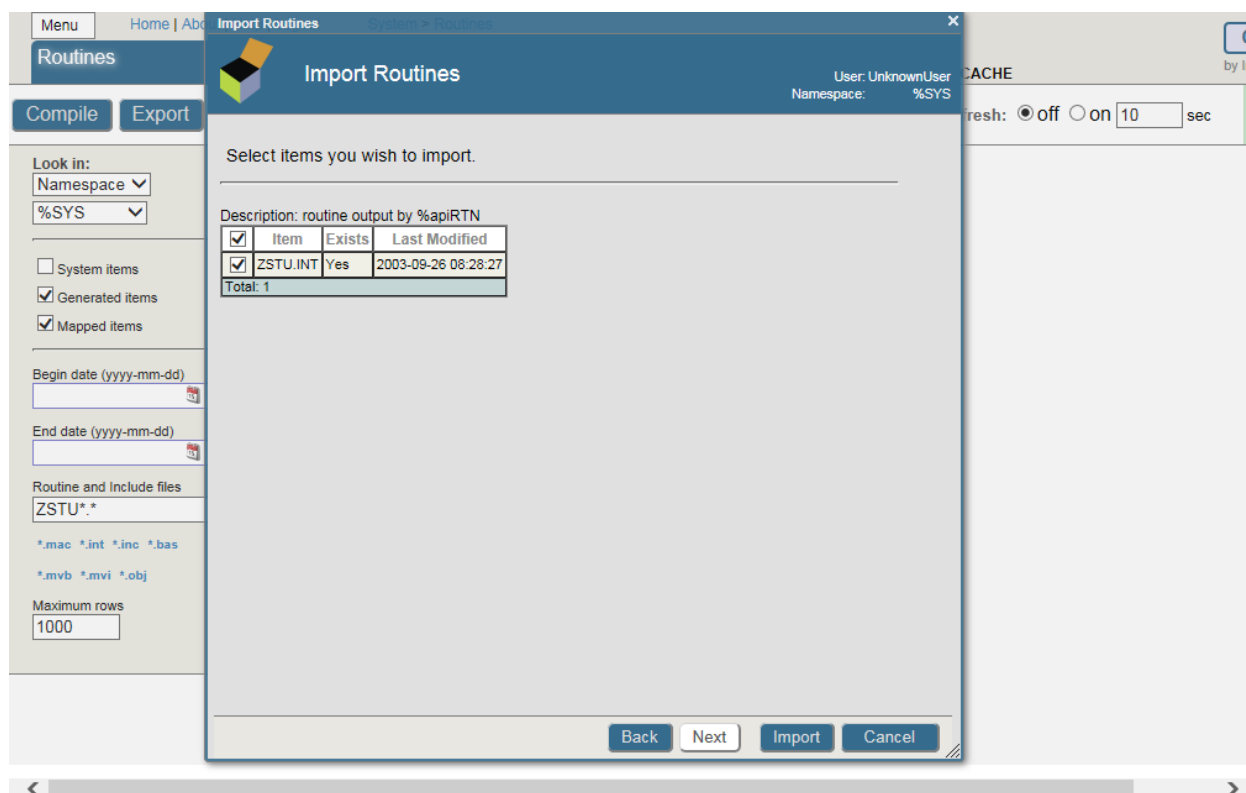
Click **export.ro** and then the **OK** button.



**Figure 38**

Step 5.

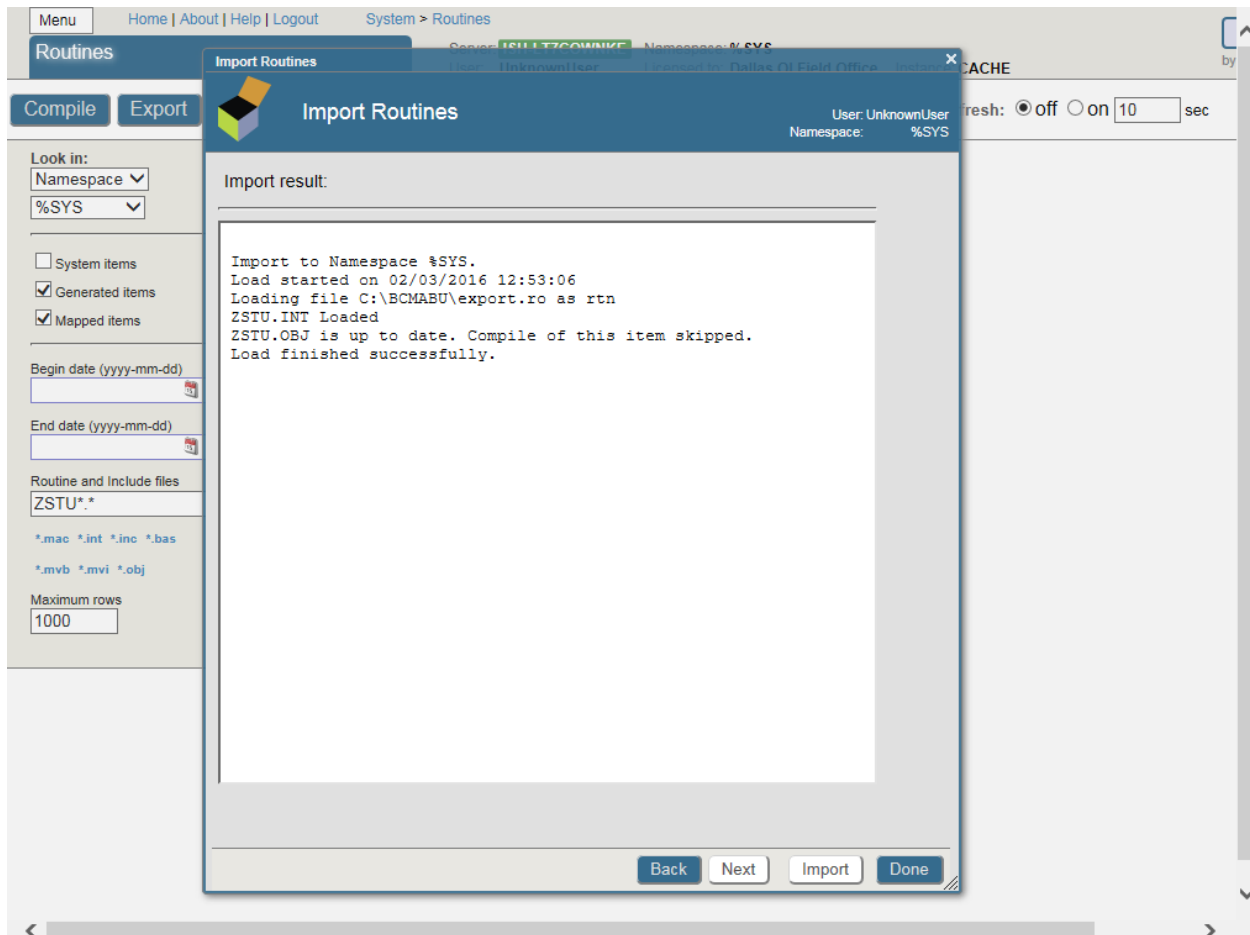
Click the **Next** button.



**Figure 39**

Step 6.

Make sure the box is checked by ZSTU.INT. Click **Import**. The successful completion message should appear as shown in the following screen.



Click Done.

**Figure 40**

## 1.3 Setting up Telnet and Terminal Users

We will be using the Management Portal to set up the Unknown User so the Telnet and Terminal Users will connect to the VISTA namespace using the routine ZU.

Click **HOME**.

From the **Menu** button select **Manage Users**. The User Accounts will be displayed.



Menu Home | About | Help | Logout System > Security Management > Users

**Users** Server: **ISH-LT7COWNKE** Namespace: **%SYS** User: **UnknownUser** Licensed to: **Dallas OI Field Office** Instance: **CACHE** **Caché** by InterSystems

Create New User Users

The following is a list of user definitions:

Filter:	<input type="text"/>	Page size: 20	Max rows: 1000	Results: 6	Page: [ < < 1 > > ] of 1		
Name	Full Name	Enabled	Namespace	Routine	Type		
<a href="#">Admin</a>	System Administrator	Yes			Cache password user	<a href="#">Delete</a>	<a href="#">Profile</a>
<a href="#">CSPSystem</a>	CSP Gateway user	Yes			Cache password user	<a href="#">Delete</a>	<a href="#">Profile</a>
<a href="#">SuperUser</a>	System Super user	Yes			Cache password user	<a href="#">Delete</a>	<a href="#">Profile</a>
<a href="#">UnknownUser</a>	Unauthenticated user	Yes	USER		Cache password user	-	<a href="#">Profile</a>
<a href="#">PUBLIC</a>	(Internal use - not for login)	No			Cache password user	-	<a href="#">Profile</a>
<a href="#">SYSTEM</a>	SQL System Manager	Yes			Cache password user	-	<a href="#">Profile</a>

**Figure 41**

Click on the **UnknownUser** to edit it. Select **VISTA** as the Startup Namespace and enter **^ZU** as the Startup Tag^Routine. Click **Save** then **Close this window**.

(Note: For programmer access, %PMODE in Default Tag^Routine.)

Menu Home | About | Help | Logout System > Security Management > Users > Edit User

**Edit: UnknownUser** Server: **ISH-LT7COWNKE** Namespace: **%SYS** User: **UnknownUser** Licensed to: **Dallas OI Field Office** Instance: **CACHE** **Caché** by InterSystems

Save Profile Cancel Edit User

Edit definition for user UnknownUser:

General Roles SQL Privileges SQL Tables SQL Views SQL Procedures

Name: UnknownUser  
Required.

Full Name: Unauthenticated user

Comment:

Password: ☐ Enter new password ☒ Leave as is

Change password on next login: ☐

Password never expires: ☐

User enabled: ☒

Expiration Date: (yyyy-mm-dd)

Account Never Expires: ☐

Startup Namespace: VISTA

Startup Tag^Routine: ^ZU

Two-Factor Authentication: Mobile Phone Service Provider: Create a new provider  
Mobile Phone Number:

**Figure 42**

After the edits are done the screen should look like this.

Menu Home | About | Help | Logout System > Security Management > Users

**Users** Server: **ISH-LT7COWNKE** Namespace: **%SYS** User: **UnknownUser** Licensed to: **Dallas Ol Field Office** Instance: **CACHE** **Caché** by InterSystems

Create New User

The following is a list of user definitions:

Filter: Page size: 20 Max rows: 1000 Results: 6 Page: 1 of 1

Name	Full Name	Enabled	Namespace	Routine	Type	
<a href="#">Admin</a>	System Administrator	Yes			Cache password user	<a href="#">Delete</a> <a href="#">Profile</a>
<a href="#">CSPSystem</a>	CSP Gateway user	Yes			Cache password user	<a href="#">Delete</a> <a href="#">Profile</a>
<a href="#">SuperUser</a>	System Super user	Yes			Cache password user	<a href="#">Delete</a> <a href="#">Profile</a>
<a href="#">UnknownUser</a>	Unauthenticated user	Yes	VISTA	^ZU	Cache password user	- <a href="#">Profile</a>
<a href="#">PUBLIC</a>	(Internal use - not for login)	No			Cache password user	- <a href="#">Profile</a>
<a href="#">SYSTEM</a>	SQL System Manager	Yes			Cache password user	- <a href="#">Profile</a>

**Figure 43**

**IMPORTANT NOTE:** Stop and restart Caché. This will be the BCMA Backup Application. The start-up routine **ZSTU** will automatically start up TaskManager.

Verify certain parameters are set for proper operation.

From the Management Portal

Choose **Menu**, and then Manage Services. Click **%Service Telnet** (Figure 45) and set **%Service Telnet Enabled = Yes** and **Public = Yes**.

If not, click item and change the settings.

Menu Home | About | Help | Logout System > Security Management > Services

Services Server: **ISH-LT7COWNKE** Namespace: **%SYS** User: **UnknownUser** Licensed to: **Dallas Oil Field Office** Instance: **CACHE** by InterSystems

**Services**

Services are the primary means by which users and computers connect to Caché. The following services are currently available:

Name	Enabled	Public	Authentication Methods	Allowed Connections	Description	Two-Factor Enabled
<a href="#">%Service_Bindings</a>	Yes	N/A	Password, Unauthenticated	Unrestricted	Controls SQL or Objects	No
<a href="#">%Service_CSP</a>	Yes	Yes	Password, Unauthenticated	Unrestricted	Controls CSP Gateway access	No
<a href="#">%Service_CacheDirect</a>	Yes	Yes	Unauthenticated	Unrestricted	Controls Cache Direct	No
<a href="#">%Service_CallIn</a>	Yes	Yes	Unauthenticated	Unrestricted	Controls the Call-In Interface	No
<a href="#">%Service_ComPort</a>	No	Yes	Unauthenticated	Unrestricted	Controls COM ports attached to a Windows system	No
<a href="#">%Service_Console</a>	Yes	Yes	Unauthenticated	Unrestricted	Controls CTERM (TRM:pid) and the Windows Console	No
<a href="#">%Service_DataCheck</a>	No	N/A		Unrestricted	Controls this system as a DataCheck source	No
<a href="#">%Service_ECP</a>	No	N/A		Unrestricted	Controls Enterprise Cache Protocol (ECP)	No
<a href="#">%Service_Login</a>	Yes	No	Password	Unrestricted	Controls SYSTEM.Security.Login	No
<a href="#">%Service_MSMActivate</a>	No	N/A	Unauthenticated	Unrestricted	Controls MSM Activate Protocol	No
<a href="#">%Service_Mirror</a>	No	N/A		Unrestricted	Controls Mirroring	No
<a href="#">%Service_Monitor</a>	No	N/A		Unrestricted	Controls SNMP and remote Monitor commands	No
<a href="#">%Service_Shadow</a>	No	N/A		Unrestricted	Controls if this system can be the source of a shadow	No
<a href="#">%Service_Telnet</a>	Yes	Yes	Unauthenticated	Unrestricted	Controls Telnet sessions on a Windows server	No
<a href="#">%Service_WebLink</a>	No	N/A	Unauthenticated	Unrestricted	Controls Weblink	No

Figure 44

Menu Home | About | Edit Service System > Security Management > Services

Services User: UnknownUser Namespace: %SYS

**Edit Service**

Edit Definition for Service %Service\_Telnet

Service Name %Service\_Telnet  
Description Controls Telnet sessions on a Windows server

Service Enabled ☒

Allowed Authentication Methods  
☒ Unauthenticated  
☐ Password

Cancel Save

Services are the primary means by which users and computers connect to Caché. The following services are currently available:

Name	Enabled	Public	Authentication Methods	Allowed Connections	Description	Two-Factor Enabled
<a href="#">%Service_Bindings</a>	Yes	N/A	Password, Unauthenticated	Unrestricted	Controls SQL or Objects	No
<a href="#">%Service_CSP</a>	Yes	Yes	Password, Unauthenticated	Unrestricted	Controls CSP Gateway access	No
<a href="#">%Service_CacheDirect</a>	Yes	Yes	Unauthenticated	Unrestricted	Controls Cache Direct	No
<a href="#">%Service_CallIn</a>	Yes	Yes	Unauthenticated	Unrestricted	Controls the Call-In Interface	No
<a href="#">%Service_ComPort</a>	No	Yes	Unauthenticated	Unrestricted	Controls COM ports attached to a Windows system	No
<a href="#">%Service_Console</a>	Yes	Yes	Unauthenticated	Unrestricted	Controls CTERM (TRM:pid) and the Windows Console	No
<a href="#">%Service_DataCheck</a>	No	N/A		Unrestricted	Controls this system as a DataCheck source	No
<a href="#">%Service_ECP</a>	No	N/A		Unrestricted	Controls Enterprise Cache Protocol (ECP)	No
<a href="#">%Service_Login</a>	Yes	No	Password	Unrestricted	Controls SYSTEM.Security.Login	No
<a href="#">%Service_MSMActivate</a>	No	N/A	Unauthenticated	Unrestricted	Controls MSM Activate Protocol	No
<a href="#">%Service_Mirror</a>	No	N/A		Unrestricted	Controls Mirroring	No
<a href="#">%Service_Monitor</a>	No	N/A		Unrestricted	Controls SNMP and remote Monitor commands	No
<a href="#">%Service_Shadow</a>	No	N/A		Unrestricted	Controls if this system can be the source of a shadow	No
<a href="#">%Service_Telnet</a>	Yes	Yes	Unauthenticated	Unrestricted	Controls Telnet sessions on a Windows server	No
<a href="#">%Service_WebLink</a>	No	N/A	Unauthenticated	Unrestricted	Controls Weblink	No

Figure 45

Return to **Home**, select **System Administration**, then **Configuration** then **Device Settings**, then **Telnet Settings** then **GO** under *View or edit telnet definitions*. Set Telnet **Port** to **19210**. Default setting is 23. (Figures 46-47)

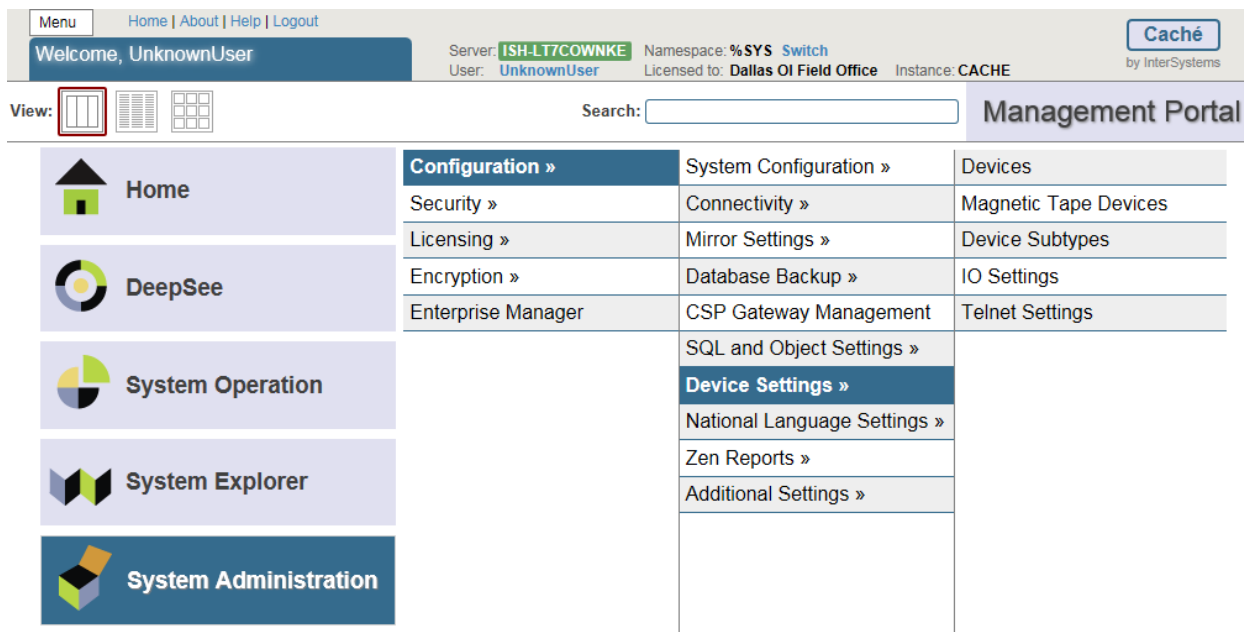


Figure 46

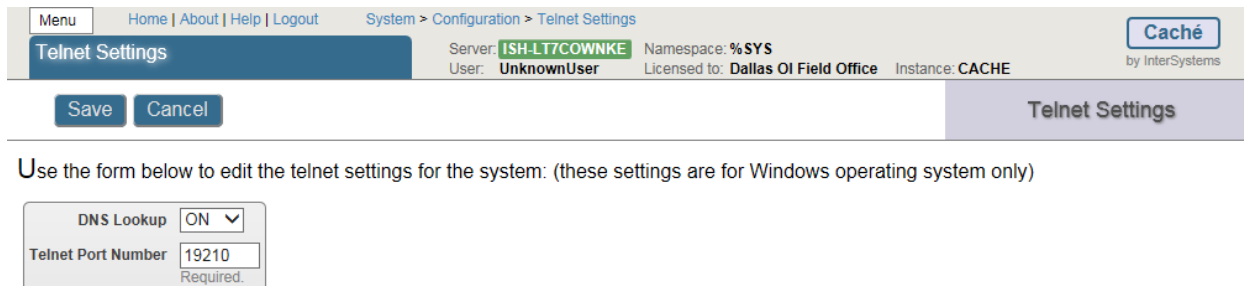


Figure 47

Click **Home**, then **Menu** then **Configure Memory**.

Menu Home | About | Help | Logout System > Configuration > Memory and Startup

Memory and Startup

Server: **ISH-LT7COWNKE** Namespace: **%SYS**  
User: **UnknownUser** Licensed to: **Dallas Oil Field Office** Instance: **CACHE**

Save Cancel

Caché  
by InterSystems

Memory and Startup

## System Memory and Startup Settings

Platform: Windows (Intel)

Configure Memory Settings ☒ Automatically  
☐ Manually

Memory Allocated for Routine Cache (MB)   
Required.

Memory Allocated for 8KB Database Cache (MB)   
Required.

Maximum Per-Process Memory (KB)   
Required. (128-2147483648)

Auto-start on System Boot ☒

Enable Long Strings ☒

Superserver Port Number   
Required.

System Mode

**Figure 48**

Make sure the “Auto-start on System Boot” is checked. If not, check it and click **Save**. Close this window.

Menu

Home | About | Help | Logout

System > Configuration > Memory and Startup

Caché  
by InterSystems

Memory and Startup

Server: **ISH-LT7COWNKE** Namespace: **%SYS**  
User: **UnknownUser** Licensed to: **Dallas Oil Field Office** Instance: **CACHE**

Save Cancel

Memory and Startup

### System Memory and Startup Settings

Platform: Windows (Intel)

Configure Memory Settings
☒ Automatically  
☐ Manually

Memory Allocated for Routine Cache (MB)
  
Required.

Memory Allocated for 8KB Database Cache (MB)
  
Required.

Maximum Per-Process Memory (KB)
  
Required. (128-2147483648)

Auto-start on System Boot ☒

Enable Long Strings ☒

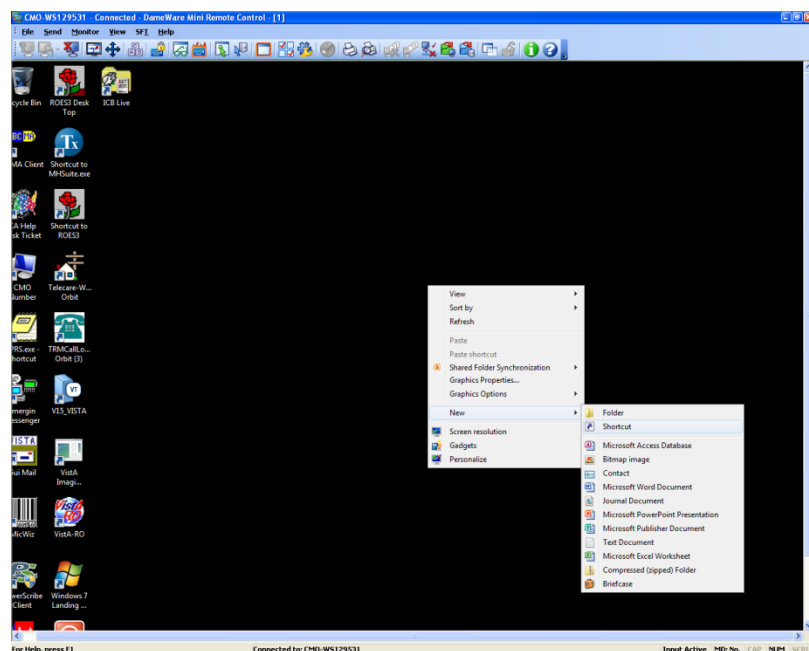
Superserver Port Number
  
Required.

System Mode

Figure 49

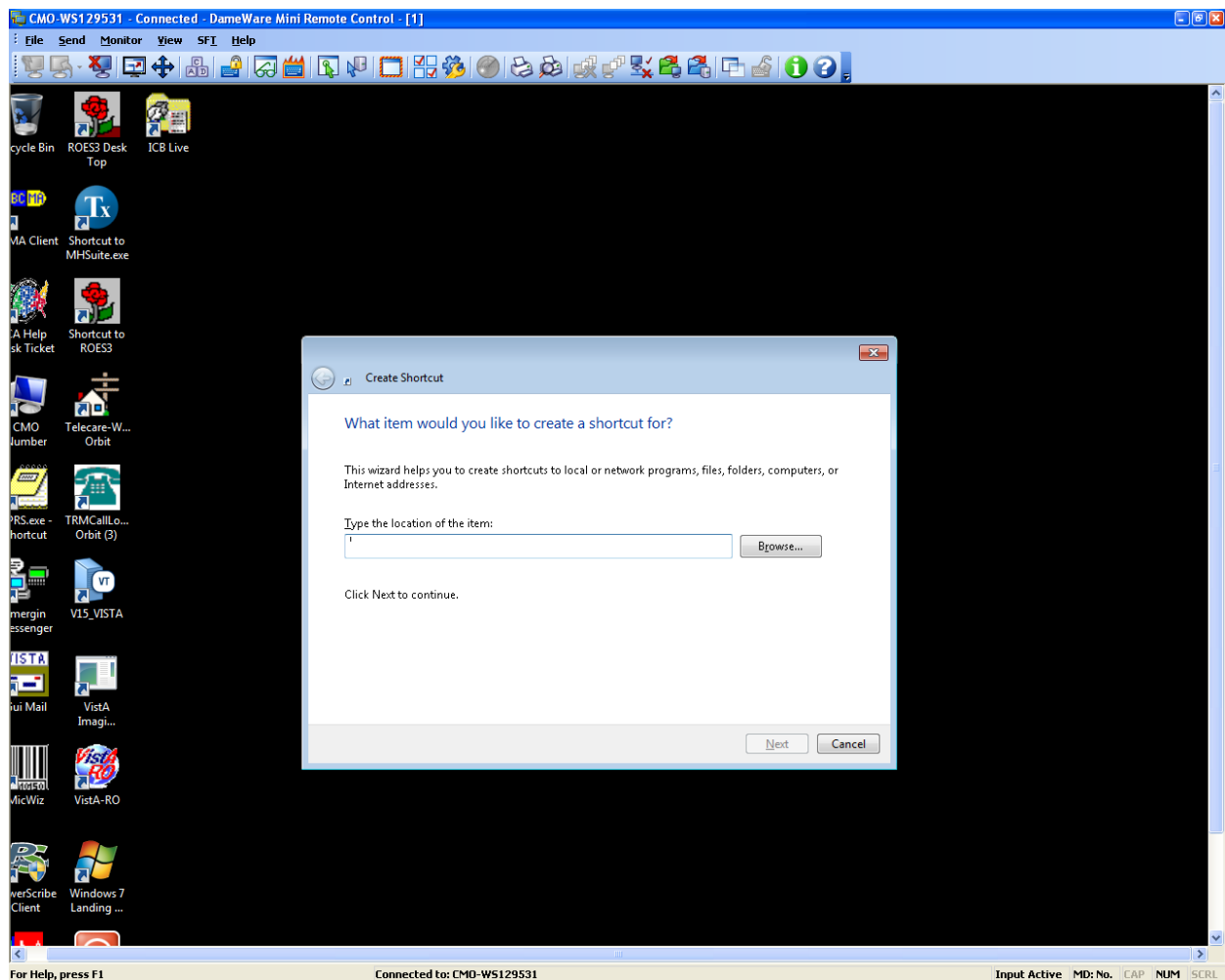
## 1.4 Setting up the BCMA Shortcut

To create the shortcut from scratch, right click anywhere on the desktop and select **New/Shortcut**.



**Figure 50**

Enter **C:\InterSystems\Cache\bin\css.exe CTERMINAL CACHE** in the *Type the location of the item box*. Click **Next**.

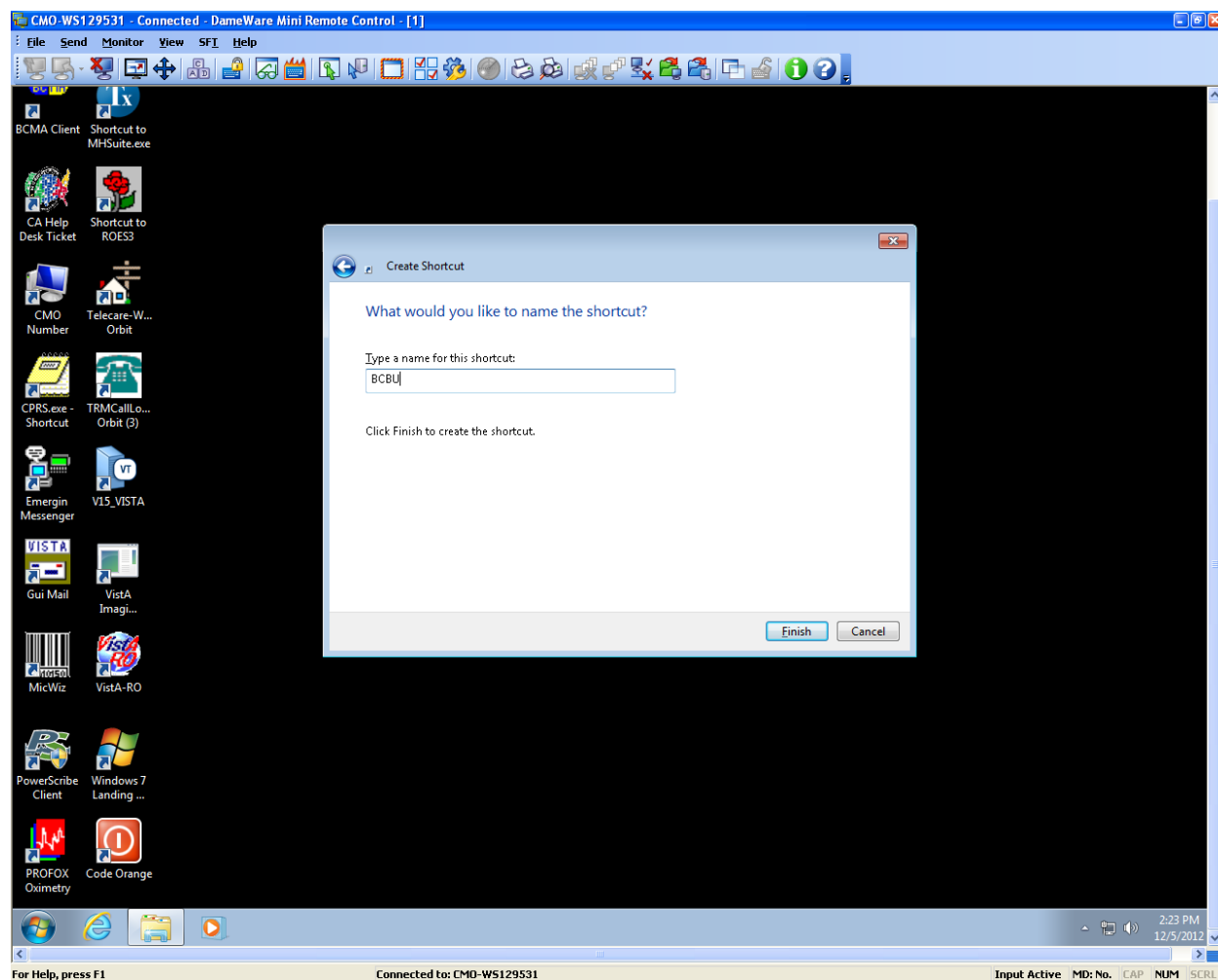


**Figure 51**

Enter BCBU in the *Type a name for this shortcut* and click Finish (Figure 52).

Copy the Shortcut BCBU Icon to the All User Desktop.



**Figure 52**

Double-click the BCBU shortcut icon to enter the Backup system on the PC Workstation. Use the appropriate access and verify code to access the system.

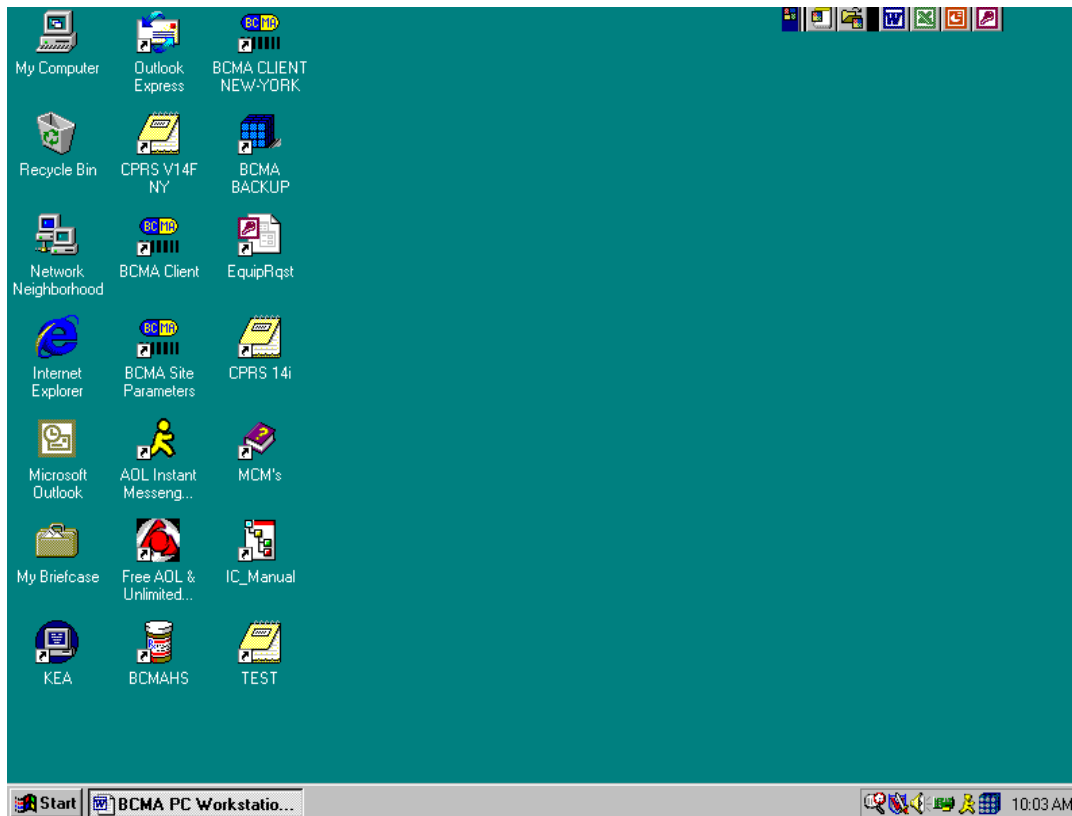


Figure 53

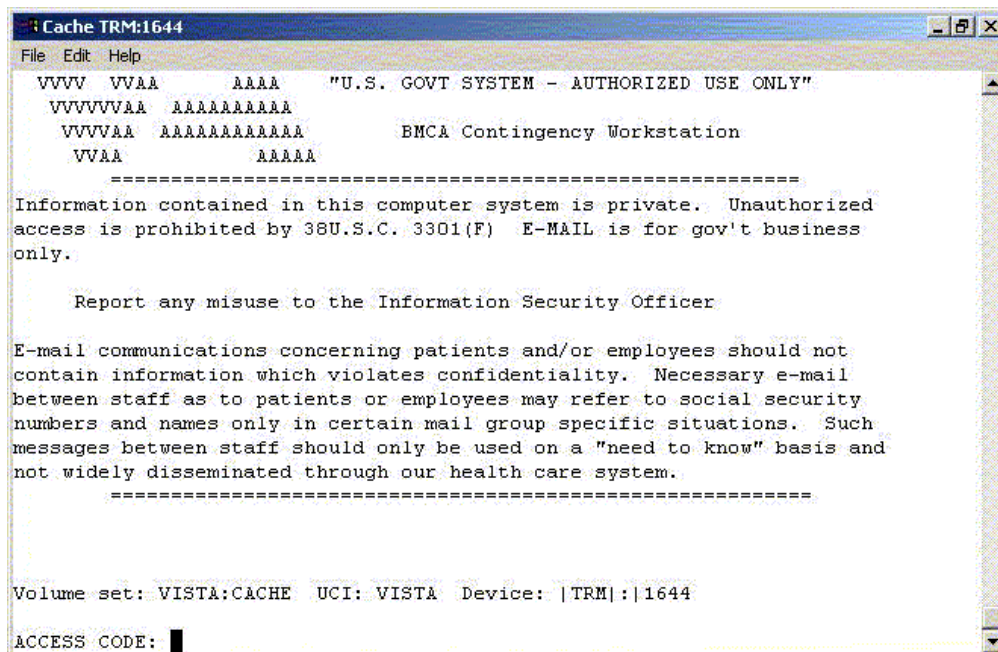


Figure 54

This completes the setup of InterSystems Caché on the BCBU contingency workstation. Refer to the BCBU VistA Install Guide to complete the package setup.

How to Setup the Printer in BCBU PC.

Hook up the printer to the PC.

Install the Window printer drivers.

Click BCBU icon on PC and log in as user that has programmer privileges.

Select Systems Manager Menu Option: *Device Management*

Select Device Management Option: *Device Edit*

Select Device Edit Option: *TRM, TRM, or VTRM Device Edit*

Select Terminal/Printer Device: BCBU

### 1.4.1 Edit a TRM or VTRM device

NAME: BCBU PRINTER

LOCATION: BCBU WORKSTATION

\$I: |PRN| Name of the window's printer

Example: Window's printer is Lexmark T650 PS3, then enter |PRN| Lexmark T650 PS3

Alt \$I:

TYPE: TERMINAL

SUBTYPE: P-HP-P16

SIGN-ON/SYSTEM DEVICE: NO

VOLUME SET(CPU):

ASK DEVICE: NO

MARGIN WIDTH:

ASK PARAMETERS: NO

PAGE LENGTH:

QUEUING: FORCED

SUPPRESS FORM FEED:

Save and Exit.