Bar Code Medication Administration (BCMA)
BCMA Backup System (BCBU)
Securing the Cache Cube for BCMA Backup

Version 3.0

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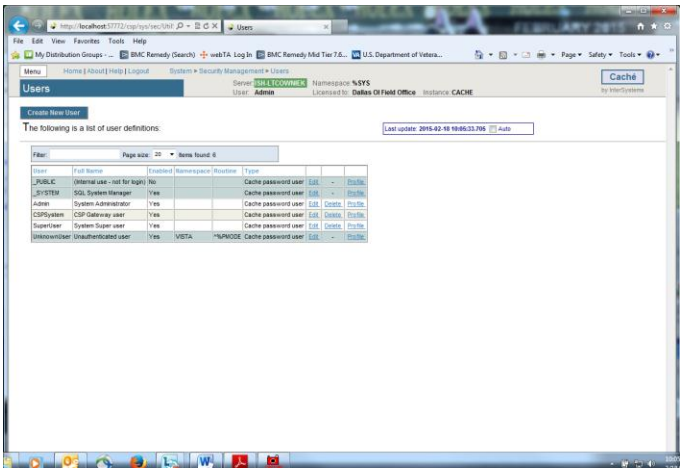
Revision History

Date	Revision	Description	Author
4/2015	PSB*3*84	New document.	Kevin Cownie

Contents

1 Create a New User

A. From the Management Portal home page, go to the System Administration, Security, Users menu (**[System Administration] > [Security] > [Users]**).



B. On the '**Users'** page, select **Create New User**.

This displays the **[General] tab** of the **Edit User** page for creating and configuring users.

C. On the **Edit User** page, set values for only the following user properties. (Fill out the required fields below.) The other fields are optional.
- **Name** (required) — Unique user identifier (suggest using your VHAxxxnnnnnn ID).
- **Password** (required) — New password value. (Remember this password!)
- **Confirm Password** (required) — Confirmation of new password value.
- **User Enabled** (required) — Whether or not the account is available for use.

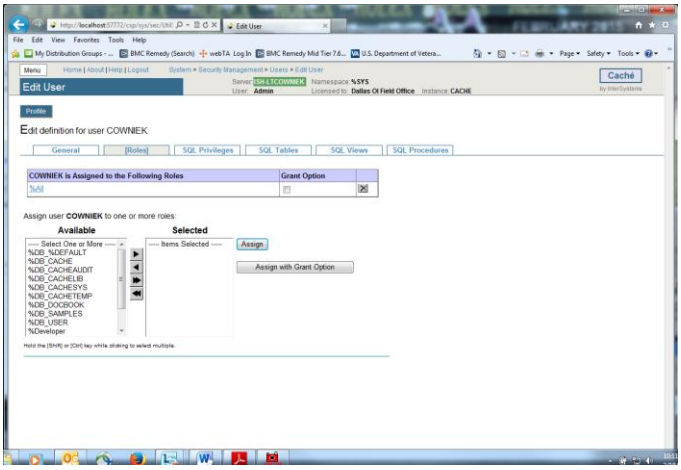
D. Click the **Save** button to create the new user.

Once you have created a user account, you then need to edit its characteristics.

1. On the Users page **([System Administration] > [Security] > [Users])**, click *Edit* in the newly created user's row. This displays the Edit User page for the user being edited.
2. Go to the **[Roles] tab** at the top of the Edit Page.

3. Move the '*%All'* from the 'Available' column to the 'Selected' column by clicking the right arrow **>** and then click '**Assign**' to assign the user to the role(s).

After doing this, the user's roles should contain the *'%All'* role. (See example figure below.)



Return to the [General] tab and click Close.

E. Secure the other user accounts. Do this by editing the characteristics of the **_System**, **Admin**, **CSPSystem,** and **SuperUser** accounts.
   1. On the Users page (**[System Administration] > [Security] > [Users]**), click *Edit* in the above mentioned user's row. This displays the Edit User page for the user being edited.
   2. On the **Edit User** page, set values for only the **Password*** and **Confirm Password*** fields for these users. (Remember these passwords.)
   3. Click the **Save** button and Close button after you are finished editing each individual user above.

2 Configure the Management Portal to Accept Password Authentication

1. To set credentials for Studio from the Management Portal home page, go back to the **Security** level, choose **Services** page (**[System Administration] > [Security] > [Services]**).

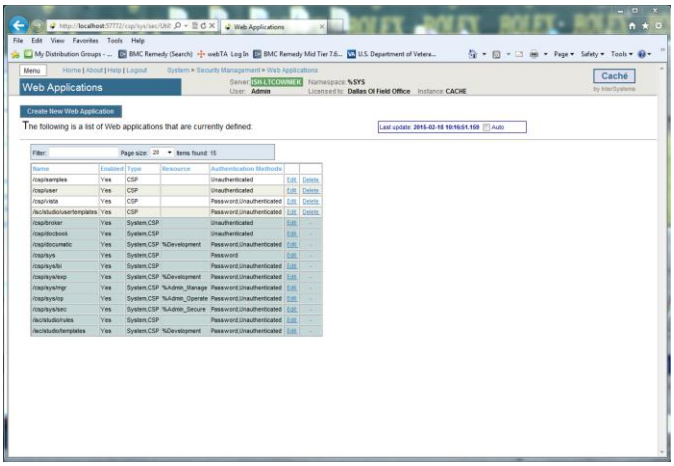
2. Select the %Service_Bindings, under the 'Allowed Authentication Methods' definition, uncheck ***Unauthenticated*** and ensure that **Password IS checked**. Click SAVE.

When finished the Services table should look like this.

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

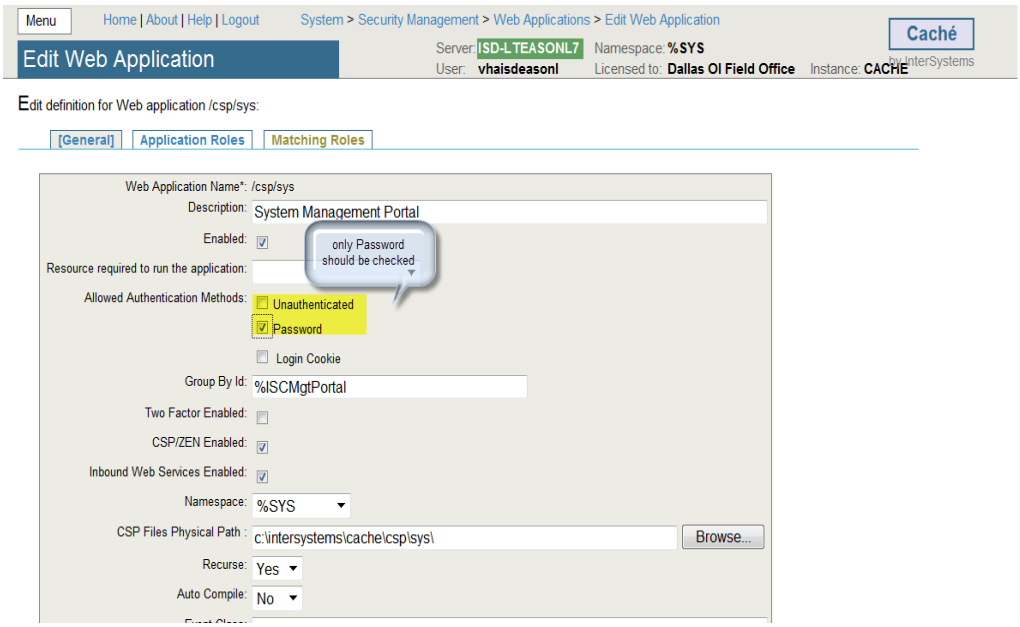
3. To set credentials for the Management portal from the Management Portal home page, go back to the **Security** level, then to the **Applications** level, then to the **Web Applications** page.

(**[System Administration] > [Security] > [Applications] > [Web Applications]**).



4. On the **Web Applications** page, the /csp/sys application represents the Management Portal home page. Select **Edit** in this row to edit the application. This displays the **Edit Web Application** page for the /csp/sys application.

5. Under **Allowed Authentication Methods**, disable **Unauthenticated** access by ensuring it is NOT checked and enable **Password** access by ensuring it IS checked. Click **Save,** then **Close**.



When finished the Web Application table should look like this.

NOTE: If the Authentication Methods are different than this use the Edit for that name and correct to match this table.

Name	Enabled	Type	Resource	Authentication Methods		
/csp/samples	Yes	CSP		Unauthenticated	Edit	Delete
/csp/user	Yes	CSP		Unauthenticated	Edit	Delete
/csp/vista	Yes	CSP		Unauthenticated	Edit	Delete
/isc/studio/usertemplates	Yes	CSP		Unauthenticated	Edit	Delete
/csp/broker	Yes	System,CSP		Unauthenticated	Edit	-
/csp/docbook	Yes	System,CSP		Unauthenticated	Edit	-
/csp/documatic	Yes	System,CSP	%Development	Unauthenticated	Edit	-
/csp/sys	Yes	System,CSP		Password	Edit	-
/csp/sys/bi	Yes	System,CSP		Unauthenticated	Edit	-
/csp/sys/exp	Yes	System,CSP	%Development	Unauthenticated	Edit	-
/csp/sys/mgr	Yes	System,CSP	%Admin_Manage	Unauthenticated	Edit	-
/csp/sys/op	Yes	System,CSP	%Admin_Operate	Unauthenticated	Edit	-
/csp/sys/sec	Yes	System,CSP	%Admin_Secure	Unauthenticated	Edit	-
/isc/studio/rules	Yes	System,CSP		Unauthenticated	Edit	-
/isc/studio/templates	Yes	System,CSP	%Development	Unauthenticated	Edit	-

This configures the Portal to require password authentication (also known as “Caché login”) and not to allow unauthenticated access, and so that all its parts behave consistently.