



Purpose: To Enable failover to Internal Web Server Authentication if Portal Page/External Web Server is not accessible.

How to configure failover if the Portal Page is not reachable.

1. Under Configuration->AAA, enable AAA Services and Enable failover to Internal Web Server Authentication. Save to enable.

Authentication Authorization and Accounting Settings

AAA Services Enable

Options **Internal Web Server** External Web Server

Logout IP: 198.51.100.10 ⓘ

XML Interface »

Print Billing Command Enabled

Print Server URL

AAA Passthrough Port Enabled

Port 0 ⓘ

802.1X Authentication Support Enabled ⓘ

802.1X Reauth Period (secs) 0

Origin Server (OS) parameter encoding for Portal Page and EWS Enabled

Failover to Internal Web Server Authentication if Portal Page/External Web Server is not reachable Enabled

Port-based billing policies Enabled

HTTPS Redirection Enabled

Facebook Login »



2. Under Configuration->AAA, enable Internal Web Server, configure the portal server to point to the server of your choice, enable Usernames and New Subscribers as it displayed in the example below.

Authentication Authorization and Accounting Settings

AAA Services Enable

Options Internal Web Server External Web Server

SSL Support Enabled ⓘ

Encrypt only Sensitive Data Enabled

Certificate DNS Name

Enable

Portal Page

Portal Page URL ⚠ Caution

Parameter Passing Enabled

Parameter Signing:

Method None HASH-CRC32 HMAC-MD5

Parameters UI MA RN PORT SIP QINQ

Set Shared Secret (write-only)

Manual Passthrough Address Enabled

Supports GIS Clients Yes

Block IWS Login Page Yes

Portal XML POST URL ⚠ Caution

Portal XML Post Port

Usernames Enabled ⓘ

New Subscribers Enabled

Relogin After Timeout Enabled

PayPal Service Enabled »

Smart Client Support Enabled



N O M A D I X

3. To check the status of the Portal Page, from the web interface of the NSE, go to Network Info/Login Page Failover.

Login Page Failover Status	
Site Name	Site State
-----	-----
Portal Page	Online

If the Portal page <http://www.Myportal.com> is not accessible you will see the following:

Login Page Failover Status	
Site Name	Site State
-----	-----
Portal Page	Offline

If the AG cannot determine the status, you may see the following.

Login Page Failover Status	
Site Name	Site State
-----	-----
Portal Page	Unknown -- the state has not yet been determined



4. User experience

Subscribers are being redirected to <http://www.Myportal.com>

If the Portal Page is unreachable all subscribers would be redirected to the internal login screen of the NSE and be able to login using the AAA methods enabled.

Are you a new user? Click this button:

**Are you an existing user?
Please enter your user ID and password:**

Username:

Password:

Remember my username and password.

Please contact your Network Administrator in case of problems.



How to configure failover if the External Web Server is not accessible.

1. Under Configuration->AAA, enable AAA Services and Enable failover to Internal Web Server Authentication.

Authentication Authorization and Accounting Settings

AAA Services Enable

Options Internal Web Server External Web Server

Logout IP: 198.51.100.10 ⓘ

XML Interface »

Print Billing Command Enabled
Print Server URL

AAA Passthrough Port Enabled
Port 0 ⓘ

802.1X Authentication Support Enabled ⓘ

802.1X Reauth Period (secs)

Origin Server (OS) parameter encoding for Portal Page and EWS
 Enabled

Failover to Internal Web Server Authentication if Portal Page/External Web Server is not reachable
 Enabled

Port-based billing policies Enabled

HTTPS Redirection Enabled

Facebook Login »

2. Under Configuration->AAA, enable External Web server, configure the IP address and the EWS URL.

Authentication Authorization and Accounting Settings

AAA Services Enable

Options	Internal Web Server <input type="radio"/>	External Web Server <input checked="" type="radio"/>
Secret Key	<input type="text" value="bigbrowndog"/>	
External login page URL	<input type="text" value="http://www.myportal.com"/> ⚠ Caution	
Parameter Signing	Method	<input checked="" type="radio"/> None <input type="radio"/> HASH-CRC32 <input type="radio"/> HMAC-MD5
	Parameters	<input type="checkbox"/> UI <input type="checkbox"/> MA <input type="checkbox"/> RN <input type="checkbox"/> PORT <input type="checkbox"/> SIP
	<input type="checkbox"/> Set Shared Secret	<input type="text"/> (write-only)

Note: Secret key is not required unless configured on the EWS

3. Under Configuration->AAA, enable and configure the portal server to point to the server of your choice, enable Usernames and New Subscribers as it displayed in the example below

Authentication Authorization and Accounting Settings

AAA Services Enable

Options	Internal Web Server <input type="radio"/>	External Web Server <input checked="" type="radio"/>
SSL Support	<input type="checkbox"/> Enabled i	
Encrypt only Sensitive Data	<input checked="" type="checkbox"/> Enabled	
Certificate DNS Name	<input type="text" value="ssl.certificate.com"/>	
Portal Page	<input checked="" type="checkbox"/> Enable ⚠ Caution	
	Portal Page URL	<input type="text" value="http://www.myfailoverserver.com"/> ⚠ Caution
	Parameter Passing	<input checked="" type="checkbox"/> Enabled
	Parameter Signing:	Method <input type="radio"/> None <input type="radio"/> HASH-CRC32 <input checked="" type="radio"/> HMAC-MD5
	Parameters	<input checked="" type="checkbox"/> UI <input checked="" type="checkbox"/> MA <input type="checkbox"/> RN <input checked="" type="checkbox"/> PORT <input type="checkbox"/> SIP <input checked="" type="checkbox"/> QINQ
	<input type="checkbox"/> Set Shared Secret	<input type="text" value="*****"/> (write-only)
	Manual Passthrough Address	<input type="checkbox"/> Enabled
	Supports GIS Clients	<input checked="" type="checkbox"/> Yes
	Block IWS Login Page	<input type="checkbox"/> Yes
Portal XML POST URL	<input type="text"/> ⚠ Caution	
Portal XML Post Port	<input type="text" value="80"/>	
Usernames	<input checked="" type="checkbox"/> Enabled i	
New Subscribers	<input checked="" type="checkbox"/> Enabled	
Relogin After Timeout	<input checked="" type="checkbox"/> Enabled	
PayPal Service	<input type="checkbox"/> Enabled »	
Smart Client Support	<input checked="" type="checkbox"/> Enabled	



3. To check the status of the EWS and the Portal Page, from the web interface of the NSE, go to Network Info/Login Page Failover.

Login Page Failover Status

Site Name	Site State
EWS	Online
Portal Page	Online

If the External Web server <http://www.Myportal.com> is not accessible then you will see the following:

Login Page Failover Status

Site Name	Site State
EWS	Offline
Portal Page	Online

If both the EWS and Portal Page <http://www.MyFailoverServer.com> are not accessible you will see the following:

Login Page Failover Status

Site Name	Site State
EWS	Offline
Portal Page	Offline



4. User Experience

In this example subscribers will be redirected to <http://www.Myportal.com>

If the EWS is unreachable then subscribers will be redirected to <http://www.Myfailoverserver.com> which is configured in Portal Page URL .

If both the EWS and the Portal Page are unreachable, all subscribers would be redirected to the internal login screen of the NSE and be able to login using the AAA methods enabled.

A screenshot of a user login form on a light green background. The form contains the following elements:

- Text: "Are you a new user? Click this button:"
- Button: "New User"
- Text: "Are you an existing user? Please enter your user ID and password:"
- Text: "Username:" followed by a text input field.
- Text: "Password:" followed by a text input field.
- Text: " Remember my username and password."
- Button: "Login"
- Text: "Please contact your Network Administrator in case of problems."