
BellSouth Interconnection Services

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Carrier Notification**SN91083638**

Date: March 18, 2003

To: Competitive Local Exchange Carriers (CLECs)

Subject: CLECs – Telecommunications Access Gateway (TAG) Application Program
Interface (API) - Test and Production Internet Server Relocation

This is to advise that BellSouth will be physically moving its three customer accessible TAG API Internet Servers during the months of April and May 2003. **Attached are the instructions that CLECS should follow to assist during this transition.**

Please contact your BellSouth Electronic Commerce Account Team or Software Vendor Process Team Representative with any questions.

Sincerely,

ORIGINAL SIGNED BY JERRY HENDRIX

Jerry Hendrix – Assistant Vice President
BellSouth Interconnection Services

Attachment

BellSouth Internet Telecommunications Access Gateway (TAG) Application Program Interface (API) Test and Production Server Moves

During April and May 2003, BellSouth will be physically moving its three customer-accessible Internet TAG API servers. As these servers are moved, their IP addresses will change. The TAG API servers affected by this move are identified in the table below.

TAG API Test Servers	Hostname	Current IP Address
Traditional Test Bed	ioctag6	139.76.67.159
CAVE Test Bed	ioctagt	139.76.67.184
Production	ioctag4	139.76.67.157

TAG API Client machines contain physical references to their associated TAG server. These references include both hostnames and IP address. Therefore, when BellSouth changes a hostname or IP address of a server, customers also need to change their references to the hostname and IP address.

Moving the Test Servers

The two TAG API test servers, traditional and CLEC Application Verification Environment (CAVE), will be moved over the weekend of April 12-13, 2003. They will be unavailable for customer access after 5:30 PM EDT on April 11, 2003, but will be available for customer access at their new location and with their new IP addresses at 8:00AM EDT on Monday, April 14, 2003. Any customers actively testing the week prior to and the week following this move will need to complete the prescribed changes on their test Client machines prior to resuming testing on Monday morning.

Note: Following these changes to the Client machine, all TAG processes should be stopped and restarted in order to activate the changes, but should NOT be restarted prior to 8:00 AM EDT on Monday, April 14, 2003.

TAG Test Server	Hostname	Current IP Address	New IP Address
Traditional Test Bed	ioctag6	139.76.67.159	139.76.162.20
CAVE Test Bed	ioctagt	139.76.67.184	139.76.171.11

Description of Changes Required on TAG API Client

There are two locations on TAG API Client test machines that need to change:

1. **The “hosts” file.** For HP and Sun clients, this file is located in the /etc directory. In the NT environment, this file is located in the /winnt/system32/drivers/etc directory. The host file resolves a hostname to an IP address. Any entries for host names in the tables above will need to be modified to reflect the new IP addresses. Note: For HP

and Sun clients ,it is necessary to “make” the hosts file following any changes in order to activate the changes.

FROM			
139.76.67.159	ioctag6	# traditional TAG API test bed	
139.76.67.184	ioctagt	# CAVE TAG API test bed	
TO			
139.76.162.20	ioctag6	# traditional TAG API test bed	
139.76.171.11	ioctagt	# CAVE TAG API test bed	

2. **The xst_Key configuration file.** For HP, Sun and NT clients. this file is located in the \$XST_HOME/config directory. The xst_Key file specifies encryption keys to be used when communicating with TAG servers. The encryption key is specified in the file by hostname and also by IP address. Although the hostname entries do not need to change, the entries specifying the encryption keys for any of the IP addresses in the table above will need to be modified to reflect the new IP addresses.

FROM	
ioctag6 = ItsSecret;	
139.76.67.159 = ItsSecret;	
ioctagt = ItsSecret;	
139.76.67.184 = ItsSecret;	
TO	
ioctag6 = ItsSecret;	
139.76.162.20 = ItsSecret;	
ioctagt = ItsSecret;	
139.76.171.11 = ItsSecret;	

Moving the Production Server

To reduce the possibility of any outages associated with this move, BellSouth will bring up a new TAG production server at a new IP address as part of the transition. This new production server will have a new hostname and a new IP address as follows:

TAG API Production Server	Hostname	Current IP Address	New IP Address
Current Production	ioctag4	139.76.67.157	N/A
New Production	ioctag5	N/A	139.76.162.19

The new Production TAG API Server (ioctag5) will be available and accessible to customers beginning 8:00 AM EDT on Monday, April 14, 2003. Customers can utilize this new Production Server beginning that time forward. Unsolicited notifications, however, must continue to be retrieved from the current TAG Production Server until BellSouth begins rerouting these to the new TAG Production Server. **This will occur during the maintenance window from 12:00 MIDNIGHT EDT, Friday, May 9, 2003, through 4:00 AM EDT on Saturday, May 10, 2003. At this time, BellSouth will cease routing unsolicited notifications to the old TAG Production server and will begin rerouting these notifications to the new TAG production server.** All TAG API customers who connect to the current BellSouth Internet TAG Server identified above

should make the prescribed changes to their Production TAG client and restart their TAG client applications sometime after the maintenance window, but prior to resuming normal business operations.

To accommodate customer schedules for weekend activities, BellSouth will leave the old TAG Production Server up and accessible at its old IP address until midnight EDT on Sunday, May 11, 2003, at which time all customers must have made the transition to the new IP address.

Note: Even though both the old and new TAG Production Servers will be up and accessible from 4:00 AM EDT on Saturday, May 10, 2003, through midnight EDT on Sunday, May 11, 2003, unsolicited notifications can ONLY be retrieved from the new TAG Production Server during that time. Customers who perform firm ordering with TAG should take this into account when planning their transition.

Important Note: *Customers who use the TAG API for pre-ordering only may cutover to the new TAG Production Server anytime between 8:00 AM EDT on Monday, April 14, 2003 and midnight EDT on Sunday, May 11, 2003. However, in order to ensure correct flow and receipt of unsolicited notifications, customers who use the TAG API for ordering should remain on the current TAG Production Server until at least 4:00 AM EDT on Saturday, May 10, 2003, and then perform a hot cutover of their entire TAG API application from the old server to the new server prior to midnight Sunday, May 11, 2003.*

After the old TAG Production Server is brought down at midnight on Sunday, May 11, 2003, it will no longer be accessible to TAG customers. It will be physically moved and assigned a new IP address, to be used as a back-up TAG Production server if ever needed.

Description of Changes Required on TAG API Client

For all customers who use TAG API there are three locations on the TAG API Client machine to change. For customers who use TAG API to perform ordering, there is also one additional location to change:

1. **The “hosts” file.** For HP and Sun clients, this file is located in the /etc directory. In the NT environment, this file is located in the /winnt/system32/drivers/etc directory. The host file resolves a hostname to an IP address. Any entries for host names in the tables above will need to be modified to reflect the new IP addresses. Note: For HP and Sun clients, it is necessary to “make” the hosts file following any changes in order to activate the changes.

FROM			
139.76.67.157	ioctag4	#	TAG API production
TO			
139.76.162.19	ioctag5	#	TAG API production

2. **The xst_Key configuration file.** For HP, Sun and NT clients, this file is located in the \$XST_HOME/config directory. The xst_Key file specifies encryption keys to be used when communicating with TAG servers. The encryption key is specified in the file by hostname and also by IP address. Although the hostname entries do not need to change, the entries specifying the encryption keys for any of the addresses in the table above will need to be modified to reflect the new IP addresses.

```
FROM
ioctag4 = <encryption key>;
139.76.67.157 = <encryption key>;
TO
ioctag5 = <encryption key>;
139.76.162.19 = <encryption key>;
WHERE
<encryption key> is your assigned production encryption key
```

3. **The xst_Client configuration file.** For HP, Sun and NT clients this file is located in the \$XST_HOME/config directory. The xst_Client file, among other things, specifies the hostname for the TAG Server to which the TAG API Client connects.

```
#!/*-----
#|
#|          (C) BellSouth Telecommunications, Inc. 1998
#|
#|          PRIVATE/PROPRIETARY/LOCK
#|          CONTAINS PRIVATE AND/OR PROPRIETARY INFORMATION.
#|          MAY NOT BE USED OR DISCLOSED OUTSIDE THE BELL SOUTH COMPANIES
#|          EXCEPT PURSUANT TO A WRITTEN AGREEMENT.
#|          MUST BE STORED IN LOCKED FILES WHEN NOT IN USE.
#|
#|-----*/#
#@(#)xst_Client      87.1
# created on 00/09/25 at 13:21:36

ClecId=POA;
EncryptionFile=xst_Key;    # file name
Security = {
    Server=Security7810;
    Host=ioctag4;          → change to          Host=ioctag5;
};
SGGateway = {
    ConnectionMethod = BIND;
    CBRelayServerName = Relay7810;
    CBRelayHostName = ioctag4;    → change to    CBRelayHostName = ioctag5;
    LdapIf = {
        };
    };
};
```

4. **FOR ORDERING ONLY: The xst_ClecNotification configuration file.** For HP, Sun and NT clients, this file is located in the \$XST_HOME/config directory. The xst_ClecNotification file specifies the hostname for the TAG Server to which the CLEC Notification Server connects.

```

#/*-----
#|
#|          (C) BellSouth Telecommunications, Inc. 1998
#|
#|          PRIVATE/PROPRIETARY/LOCK
#|          CONTAINS PRIVATE AND/OR PROPRIETARY INFORMATION.
#|          MAY NOT BE USED OR DISCLOSED OUTSIDE THE BELLSOUTH COMPANIES
#|          EXCEPT PURSUANT TO A WRITTEN AGREEMENT.
#|          MUST BE STORED IN LOCKED FILES WHEN NOT IN USE.
#|
#|-----*/#
#@(#)xst_Client      87.1
# created on 00/09/25 at 13:21:36
ServerName = SAICCNS7810;
Security = {
    Server = Security7810;
    Host = ioctag4;           → change to      Host=ioctag5;

    Parameters={
        ApplId =testappid;
        ApplPassword = "14the$";
    };
    RegisterAttributes = {
        ApplIdList = ( testappid );
        GroupIdList = {

            testappid = ( testappid );

        };
    };
};
SGGateway = {
    ConnectionMethod = BIND;
    CBRelayServerName = Relay7810;
    CBRelayHostName = ioctag4;           → change to      CBRelayHostName = ioctag5;
    LdapIf = {
    };
};
EncryptionFile=xst_Key;    # file name
TransactionLog = { SizeLimit = 2M; };
Trace = { SizeLimit = 20M; };
ThreadPoolSize = 10;
CogPollInterval = 10;

```

Technical Support and Assistance

The TAG API Internet Customers affected by this move are not required to obtain assistance or coordinate their transitions with BellSouth, but can accomplish their transition as meets their business needs within the constraints identified above. However, **any Customers who desire specialized Technical Assistance or who wish to schedule testing services in support of this move, should contact their BellSouth Electronic Commerce Account Team/Software Vendor Process Team Representative as soon as possible in advance of the transition in order to schedule this support.**