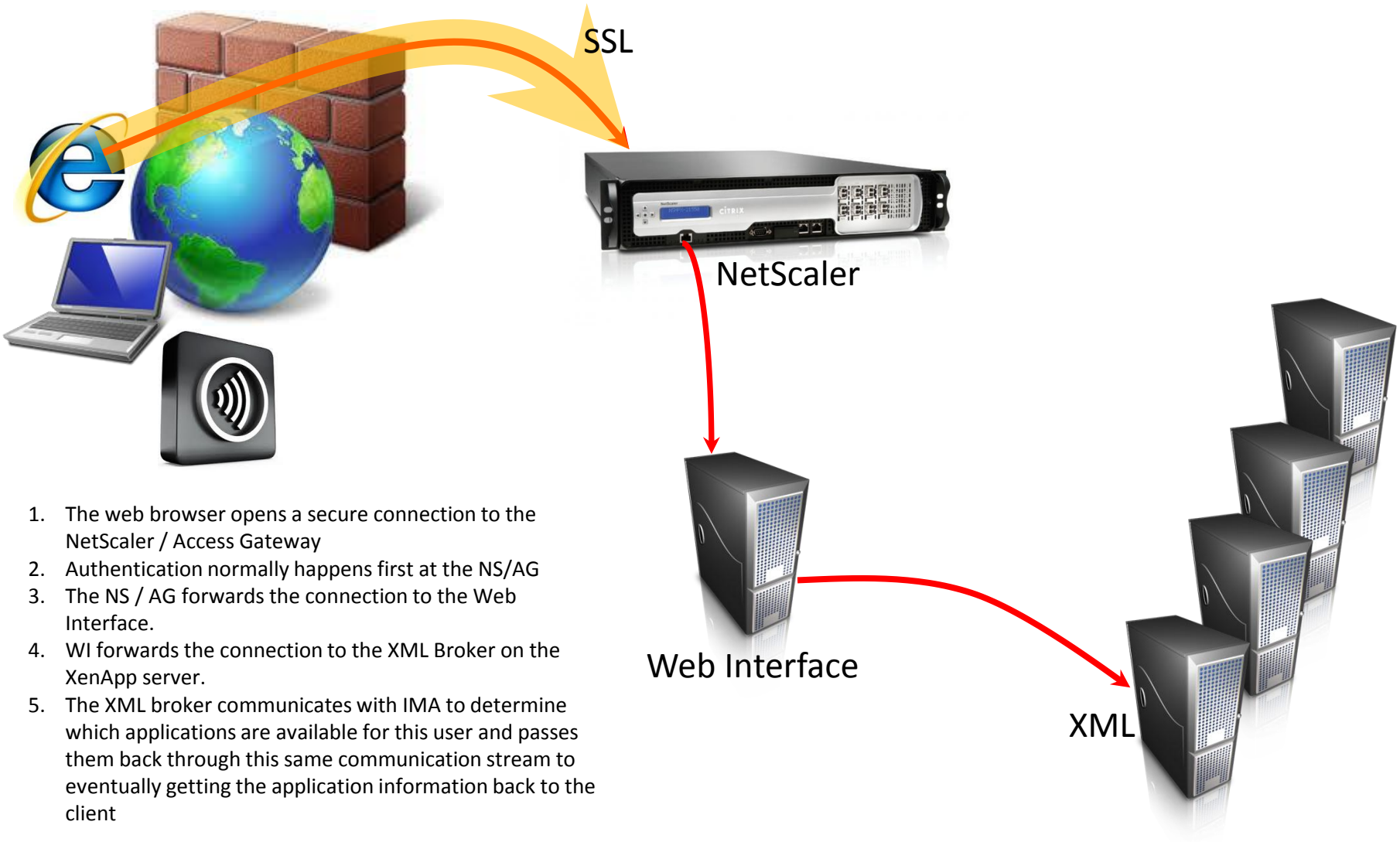
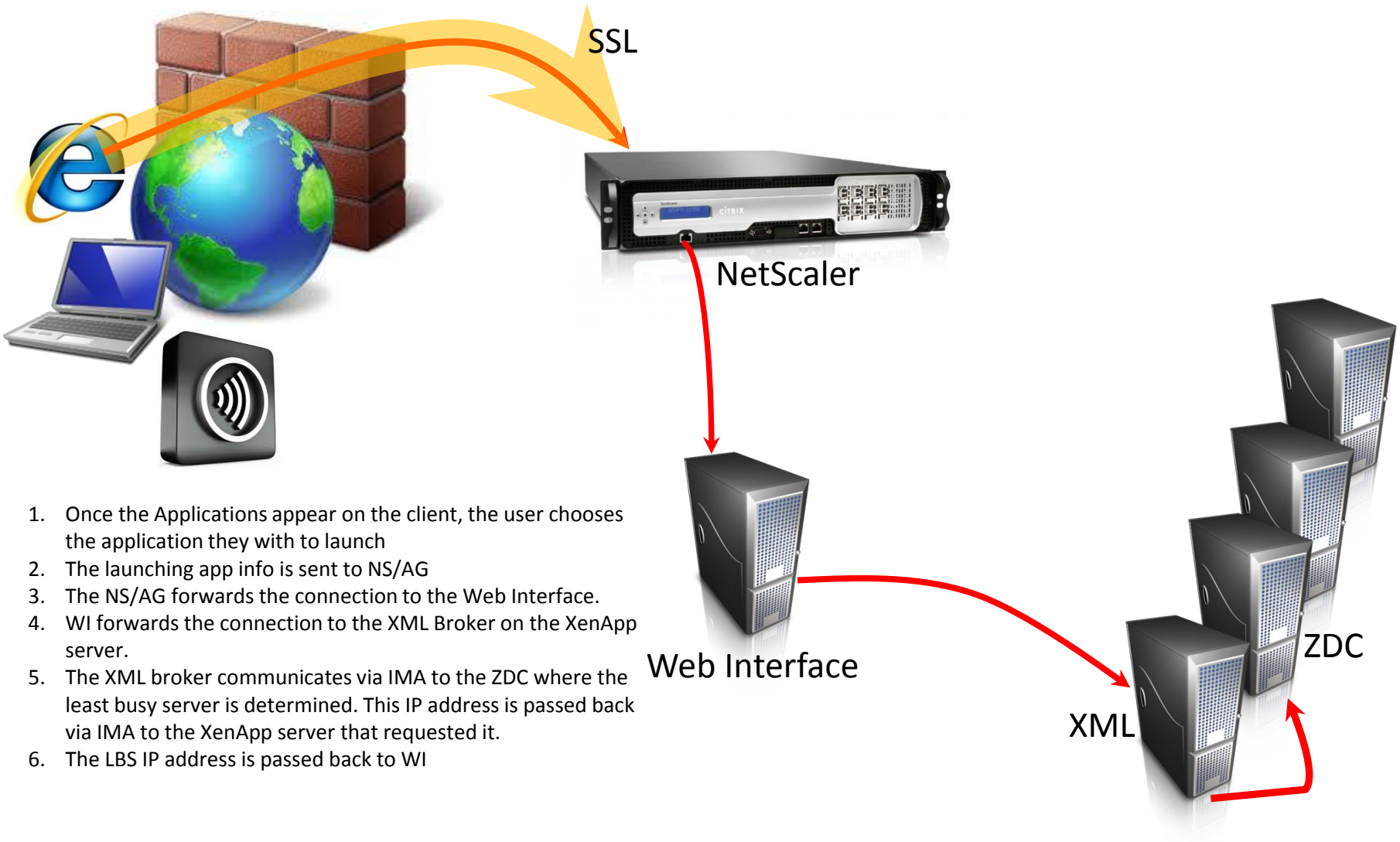
Access GW information flow

Initial Login



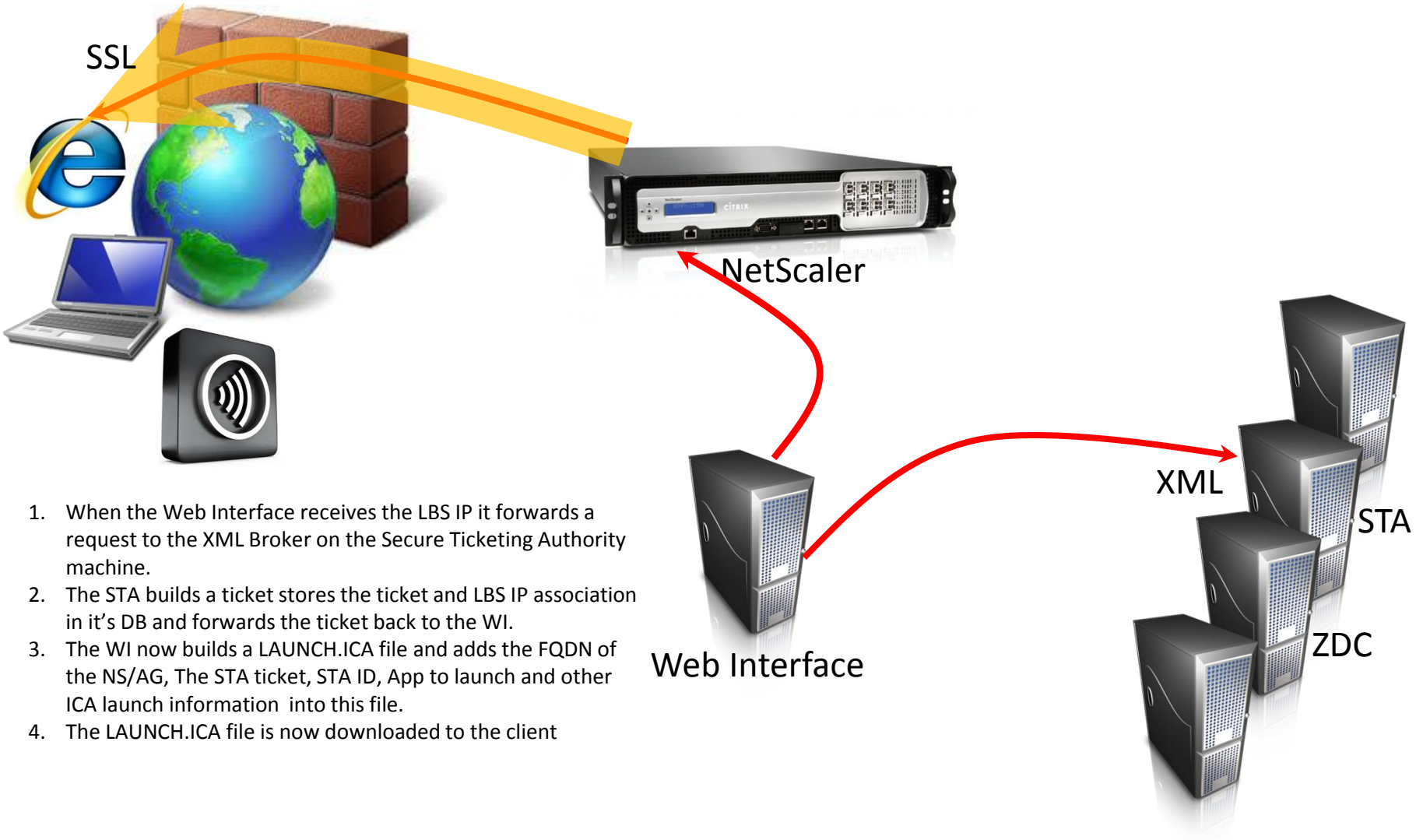
1. The web browser opens a secure connection to the NetScaler / Access Gateway
2. Authentication normally happens first at the NS/AG
3. The NS / AG forwards the connection to the Web Interface.
4. WI forwards the connection to the XML Broker on the XenApp server.
5. The XML broker communicates with IMA to determine which applications are available for this user and passes them back through this same communication stream to eventually getting the application information back to the client

Choosing an App



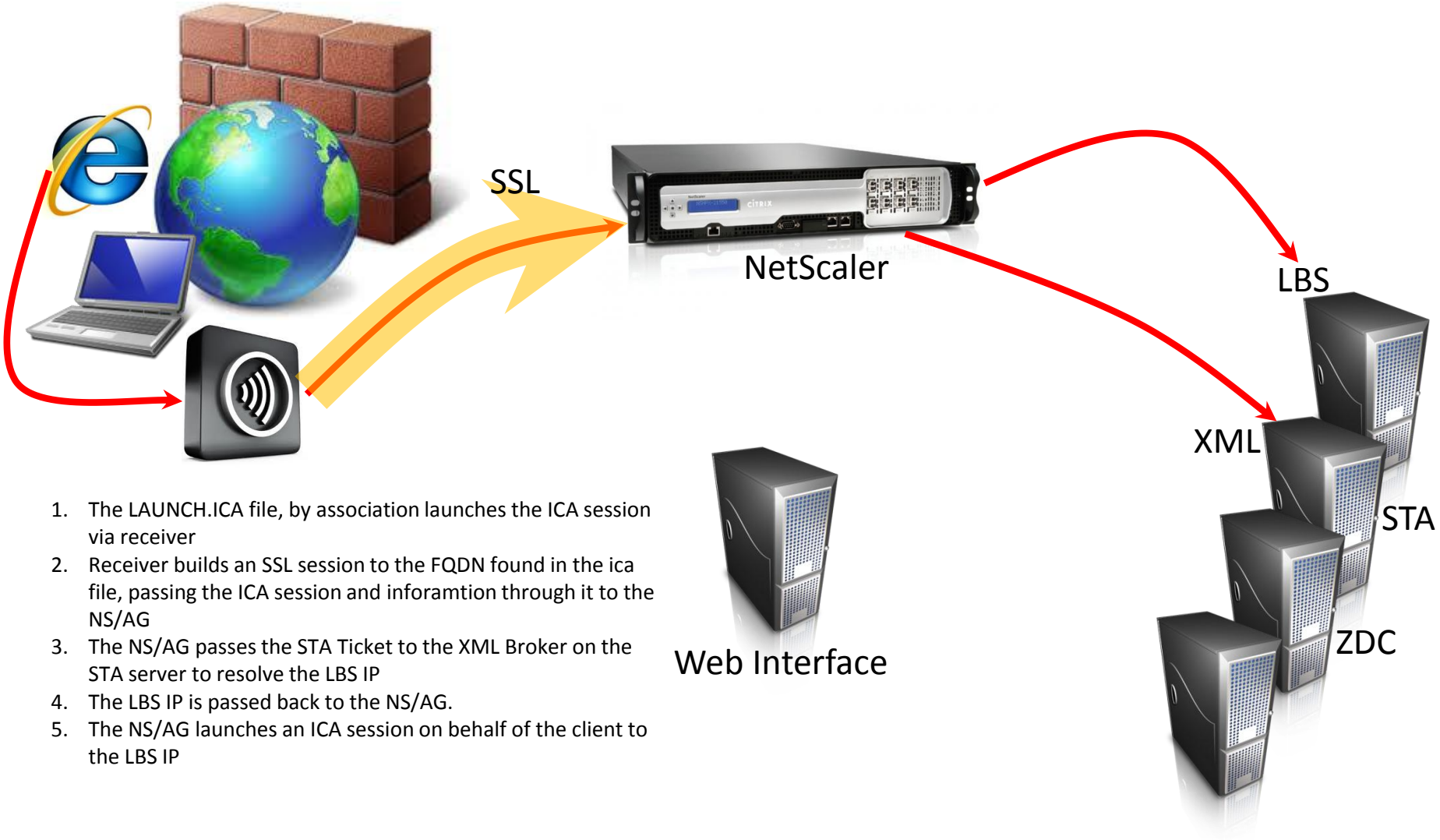
1. Once the Applications appear on the client, the user chooses the application they with to launch
2. The launching app info is sent to NS/AG
3. The NS/AG forwards the connection to the Web Interface.
4. WI forwards the connection to the XML Broker on the XenApp server.
5. The XML broker communicates via IMA to the ZDC where the least busy server is determined. This IP address is passed back via IMA to the XenApp server that requested it.
6. The LBS IP address is passed back to WI

Creating an STA ticket



1. When the Web Interface receives the LBS IP it forwards a request to the XML Broker on the Secure Ticketing Authority machine.
2. The STA builds a ticket stores the ticket and LBS IP association in it's DB and forwards the ticket back to the WI.
3. The WI now builds a LAUNCH.ICA file and adds the FQDN of the NS/AG, The STA ticket, STA ID, App to launch and other ICA launch information into this file.
4. The LAUNCH.ICA file is now downloaded to the client

Starting the ICA session



1. The LAUNCH.ICA file, by association launches the ICA session via receiver
2. Receiver builds an SSL session to the FQDN found in the ica file, passing the ICA session and inforamtion through it to the NS/AG
3. The NS/AG passes the STA Ticket to the XML Broker on the STA server to resolve the LBS IP
4. The LBS IP is passed back to the NS/AG.
5. The NS/AG launches an ICA session on behalf of the client to the LBS IP