

Kurumsal Java .com

Java Enterprise Architecture

Java ile Yüksek Performanslı Web Platformları



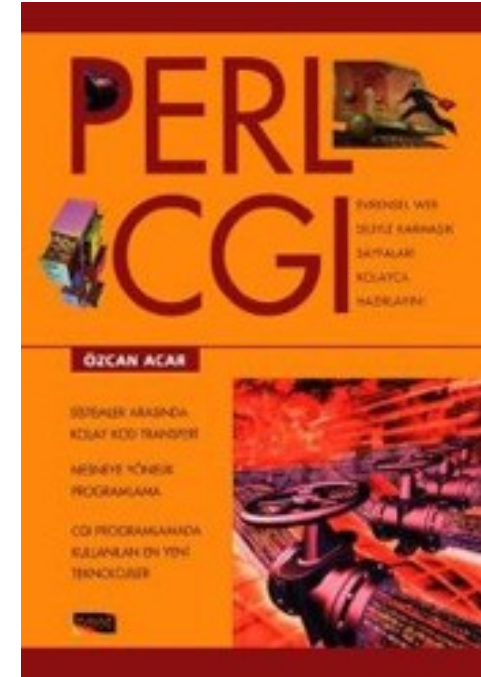
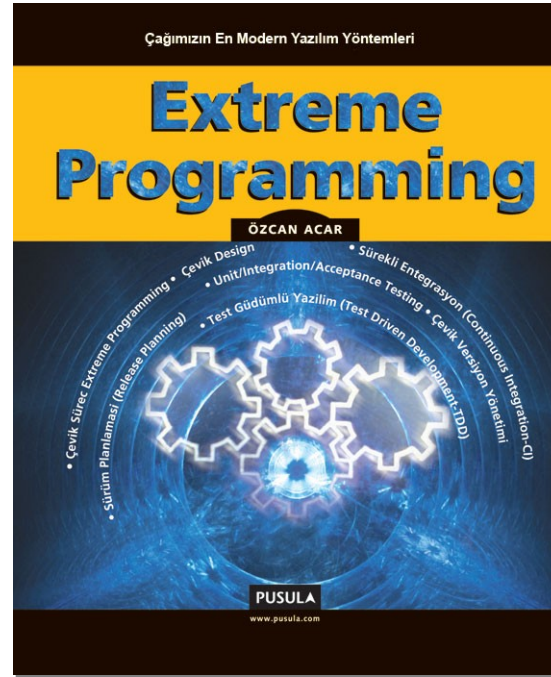
BizimAlem[®]
w w w . b i z i m a l e m . c o m

Özcan Acar
acar@unitedinter.net
<http://www.ozcanacar.com>
<http://www.kurumsaljava.com>

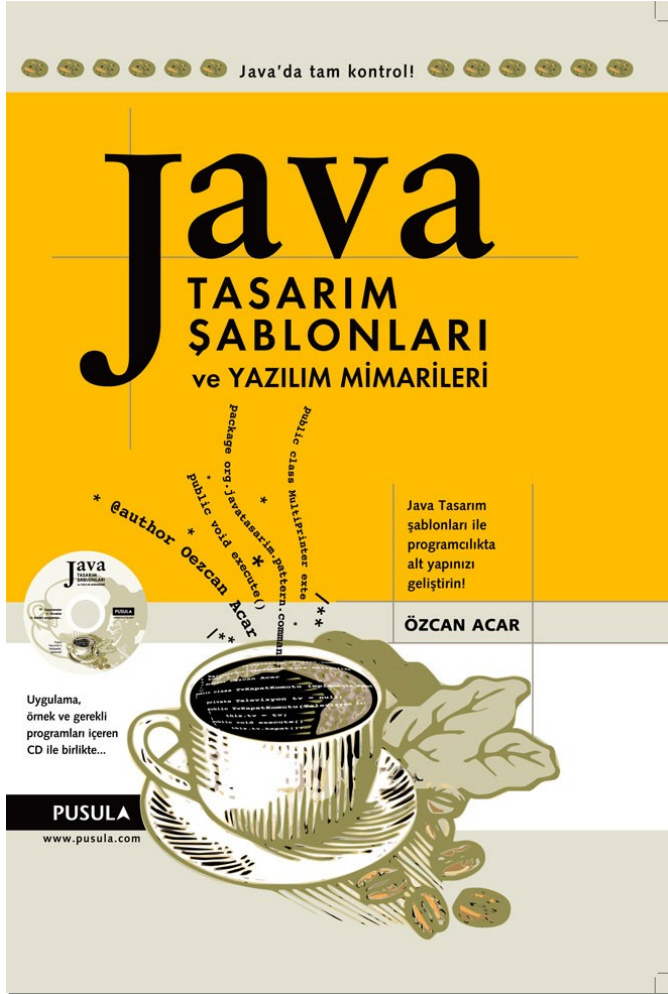
Özcan Acar Hakkında

```
public class OezcanAcar
{
    public static void main(String[] args)
    {
        Acar oezcan = new Acar();
        oezcan.setBirthday("18.07.1974");
        oezcan.setBirthplace("Izmir");
        oezcan.setJob("Bilgisayar Mühendisi");
        oezcan.setPassion("Java EE");
    }
}
```

Özcan Acar Hakkında



Java Tasarım Şablonları ve Yazılım Mimarileri



Tasarım şablonu nedir?

Interface / Abstract sınıf nedir?

Oluşturucu Tasarım Şablonları

**Factory, Abstract Factory,
Builder, Prototype,**

Singleton

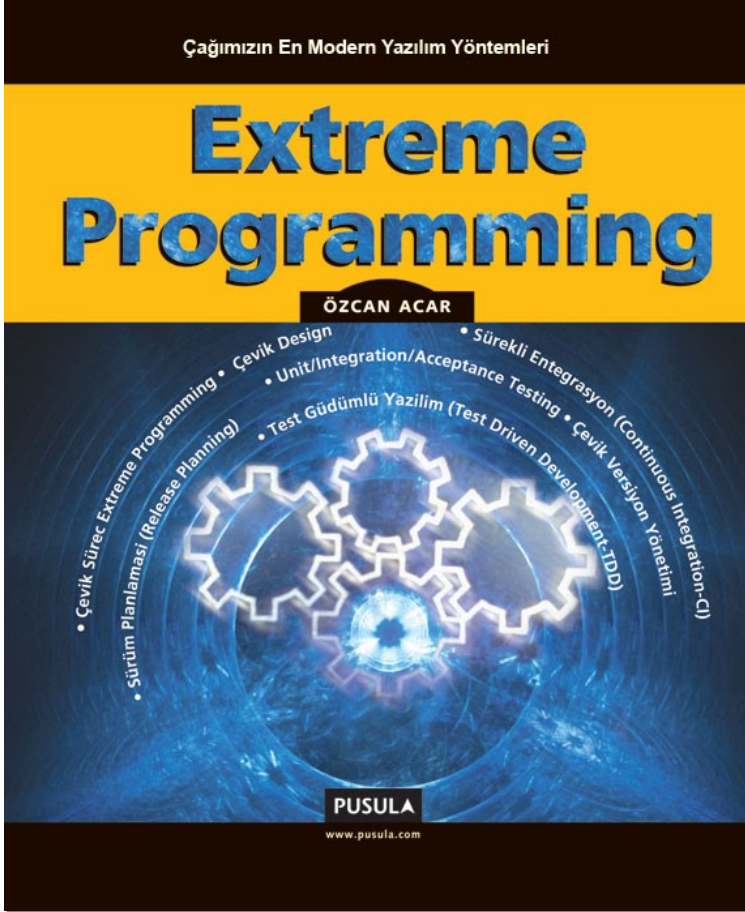
Yapısal Tasarım Şablonları

**Adapter, Bridge, Facade,
Decorator, Composite, Flyweight,
Proxy**

Davranışsal Tasarım Şablonları

**Command, Memento,
Strategy, Iterator, State, Observer,
Visitor**

Extreme Programming



Çevik süreç nedir?

Çevik manifesto

Extreme Programming nedir?

XP değerleri ve prensipleri

Çevik proje planlaması

Çevik süreçlerde iletişim

Çevik tasarım

Sürekli entegrasyon

Test güdümlü yazılım

Yazılım metrikleri

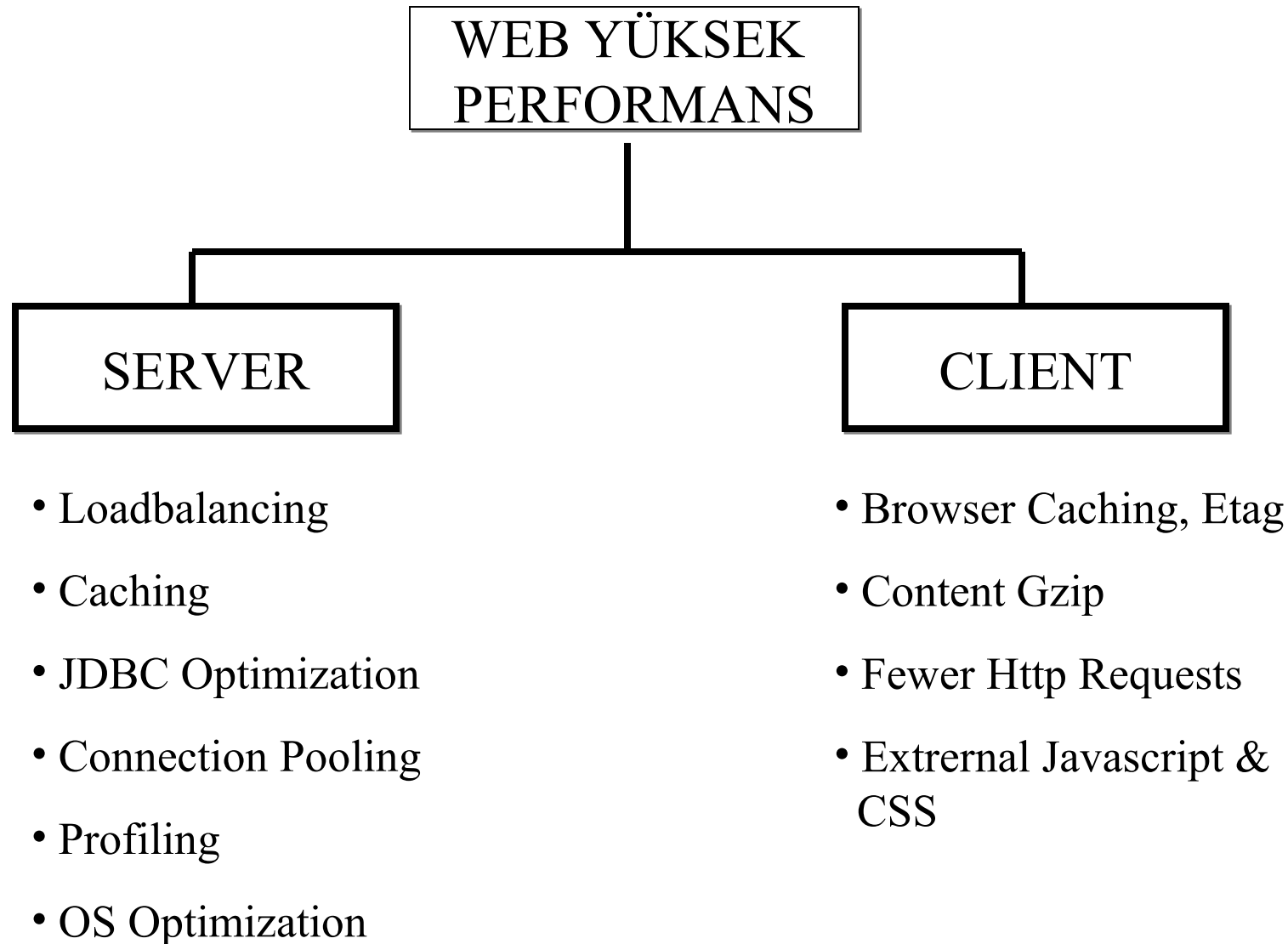
Sunumun İeriđi

- Web performans tanımlaması
- Server tarafı performans optimizasyonu
- Client tarafı performans optimizasyonu
- BizimAlem.com - Yüksek performans örneđi
- Performans problem çözüümü

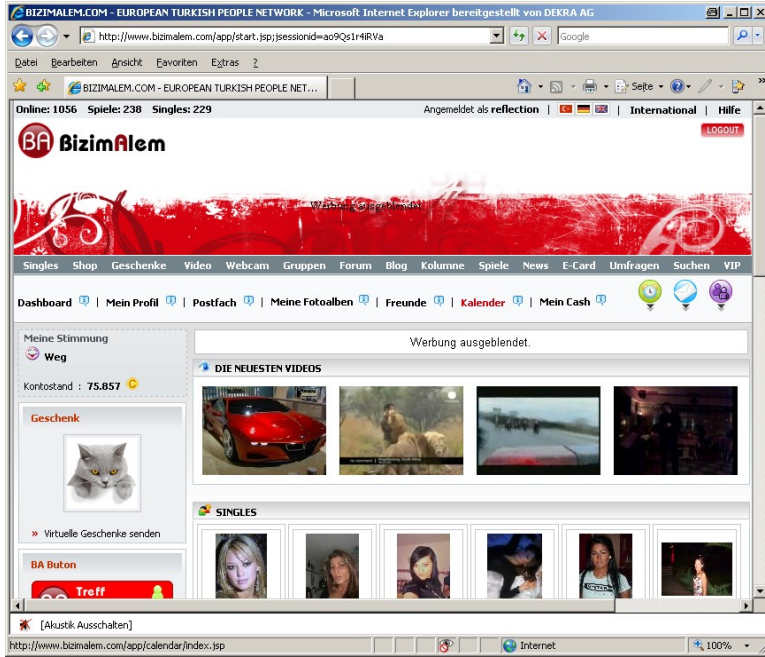
Web Performans Tanımlaması

Performans, bir web uygulamasının tanımlanan zaman biriminde ve yeterli oranda kullanıcı isteğini cevaplayan davranış biçimidir.

Performans

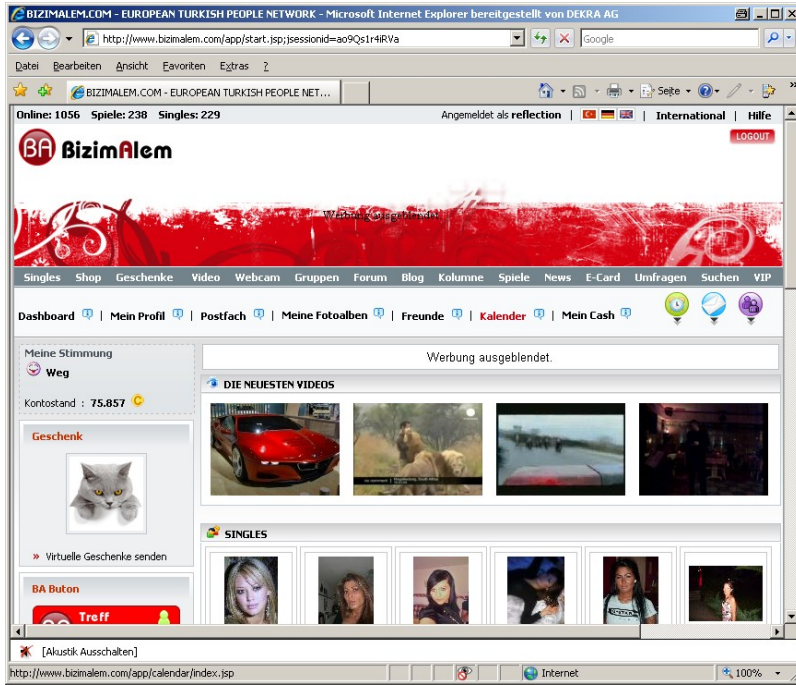


BizimAlem.com Hakkında



- 600.000 kayıtlı üye,
- Günlük ortalama yeni kayıt olan üye adedi 1000-1500,
- 40 a yakın sunucu, switch, loadbalancer, firewall sistemleri,
- Tamamen J2EE (Java 1.5) ve Open Source tabanlı,
- Tüm sunucular Linux işletim sistemiyle çalışıyor,
- Günlük ziyaretçi sayısı 45.000 – 50.000 civarında,
- Günlük sayfa gösterim adedi 1.1 milyon civarında.

BizimAlem.com Hakkında



- Forum,
- Blog,
- Okey, Tavla, Batak, Bilardo gibi multiplayer oyunlar,
- Youtube vari video modülü,
- Gruplar,
- Haberler,
- Anketler,
- Sütun,
- Arkadaş listesi,
- Sanal hesap,
- VIP üyelik,
- E-Card,
- Limitsiz fotograf albümleri,
- Mesaj merkezi,
- Takvim,
- Yönetim paneli (Dashboard),
- Sanal hediyeler,
- Shop,
- Favori üye listesi,

BizimAlem.com v.1.0

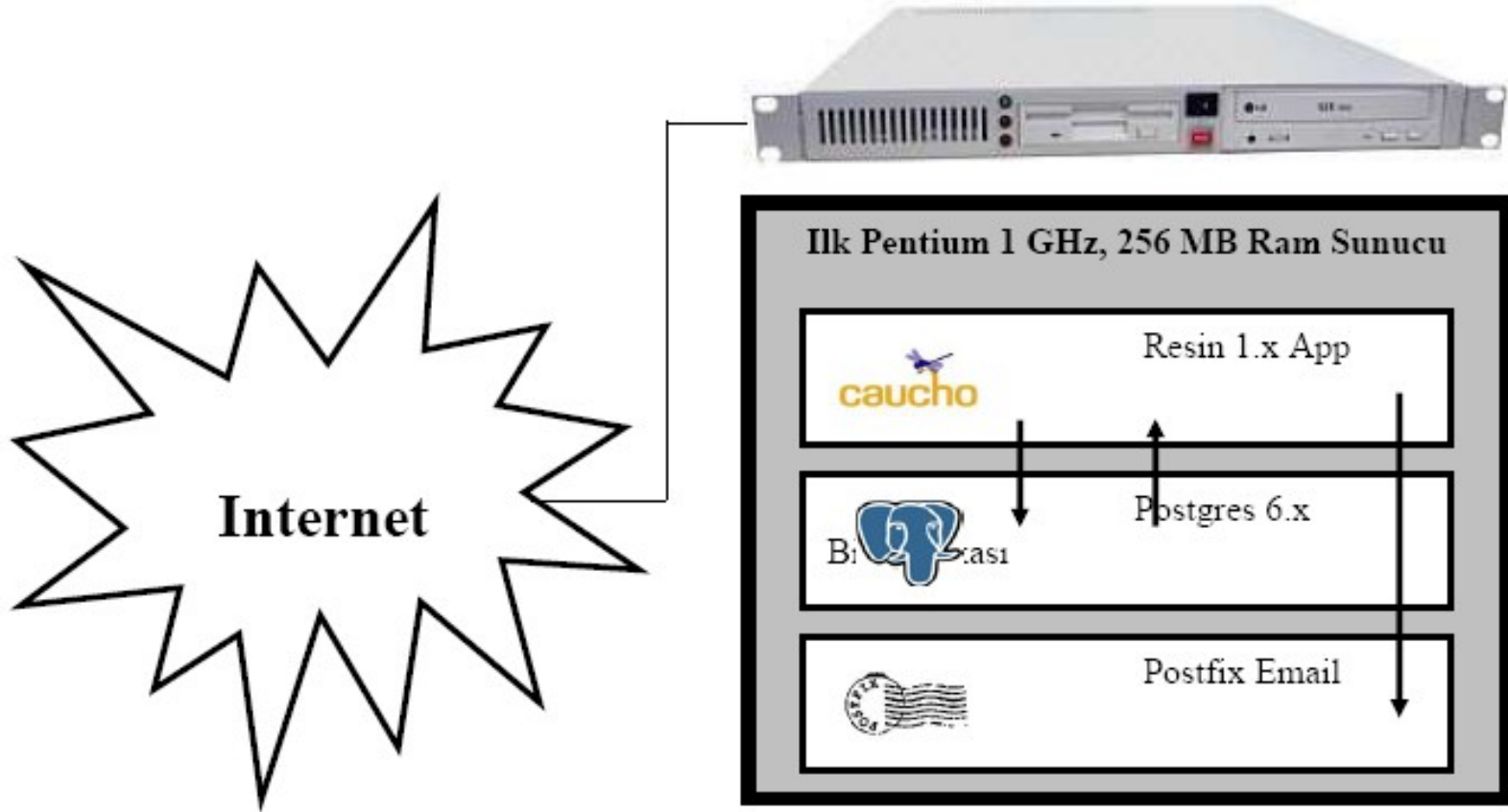
Mart 2001



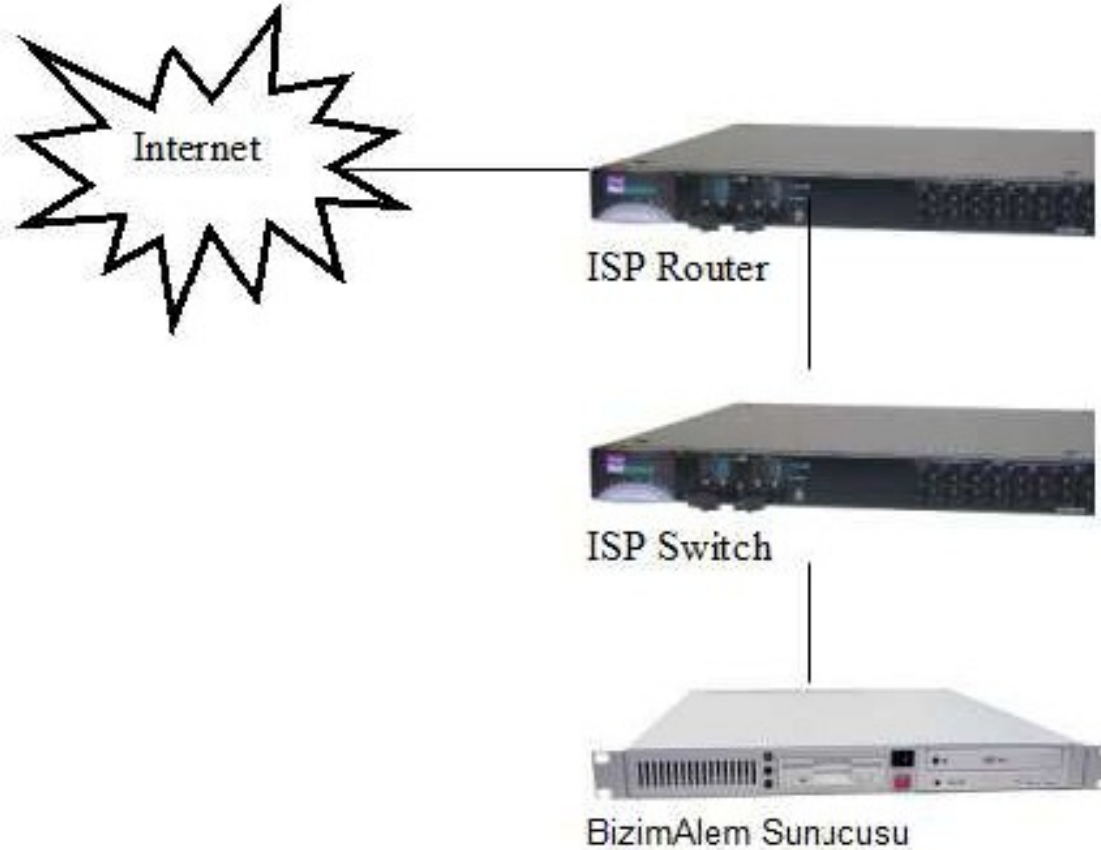
- Java 1.3
- EJB 1.1
- JBoss / Tomcat App Server
- Postres 6.x bilgibankası
- Suse Linux 6.x işletim sistemi
- Postfix email sunucu



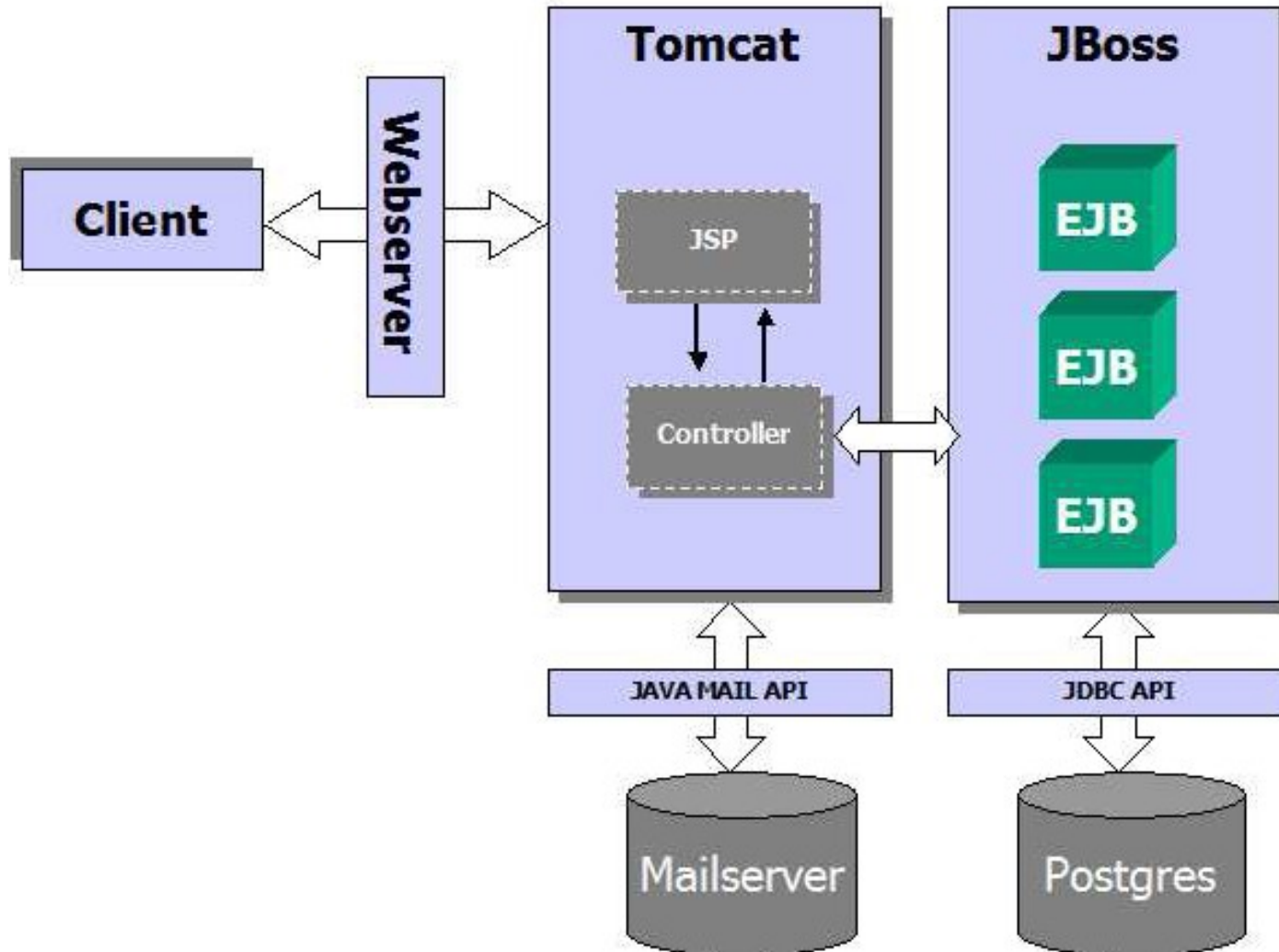
İlk Sunucu



Internet Bağlantısı



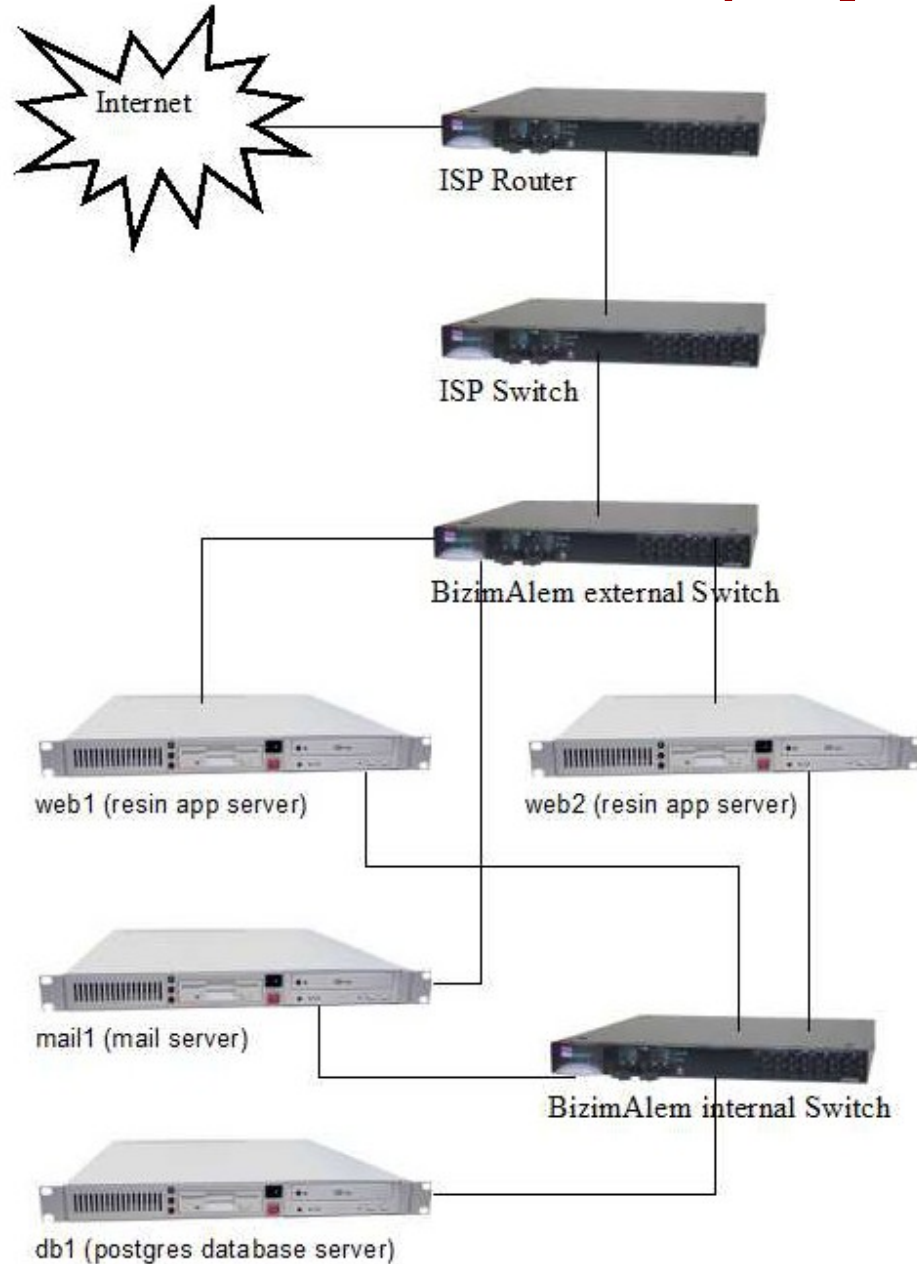
Yazılım Mimarisi



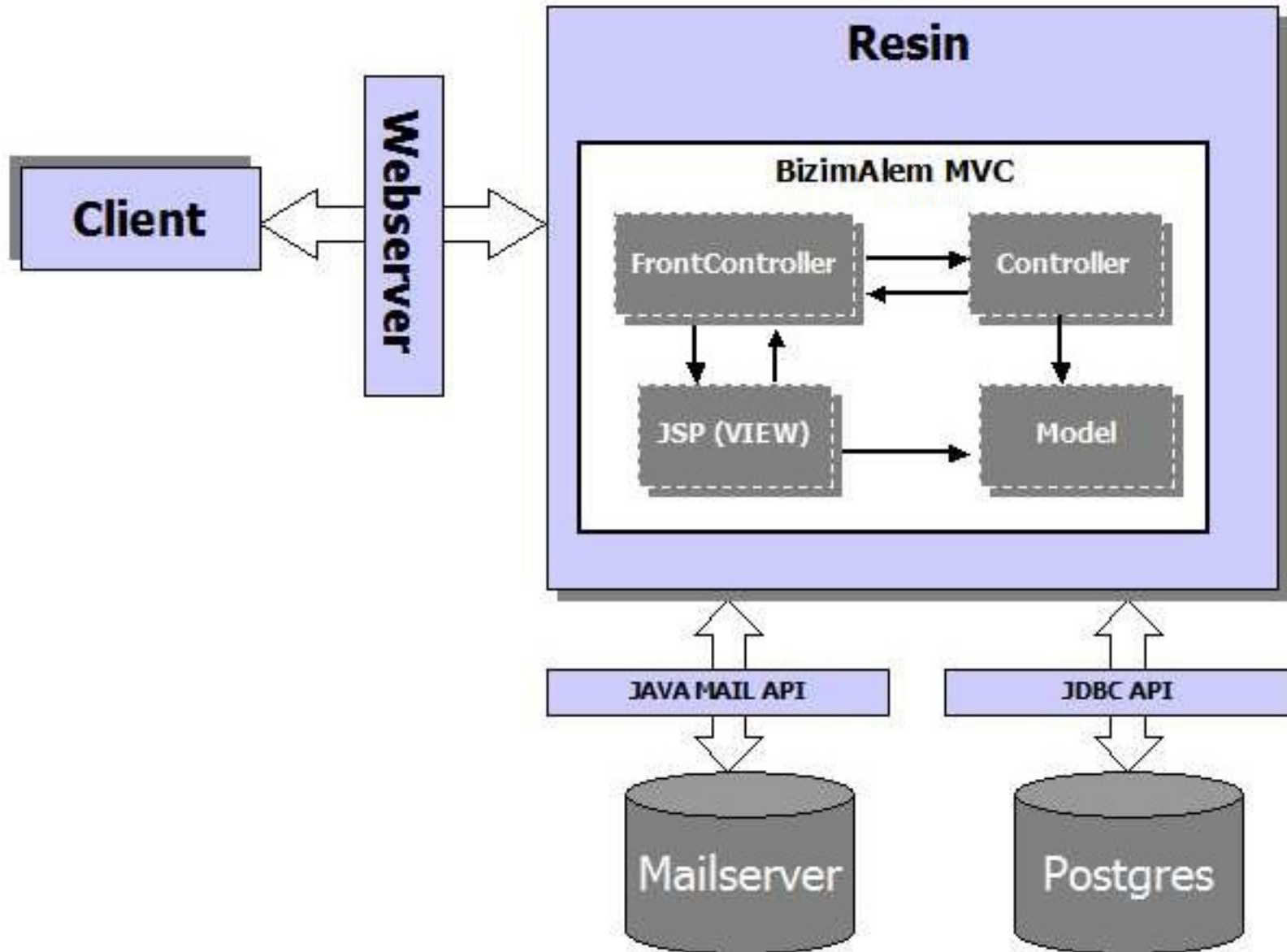
BA v2.0 Gereksinimleri

- **Bilgibankası için ayrı bir sunucu kullanılması gerekiyor. Bu bilgibankası için yapılan işlemlerin performansını artırır.**
- **Email gönderimi için ayrı bir sunucunun kullanılması gerekiyor. Bu şekilde sistemin diğer bölümlerini etkilemeden email gönderimi performansı artırılabilir.**
- **JBoss yerine yeni bir application server kullanılması gerekiyor, çünkü EJB kullanılmadığına göre JBoss gibi bir EJB containere olan ihtiyaç ortadan kalkmıştır. Yeni application serveri olarak Caucho Resin 2 1.x serisini seçtim. Resin performansı yüksek olan bir Servlet / JSP containerdir, yani Tomcat gibi bir application server.**
- **Web uygulamasını iki değişik Resin application server içinde paralel çalıştırabilirsem, gelen yükü bu iki server arasında paylaştırabilirim. Bu sebepten dolayı web uygulamasını (v.2.0) için en az iki yeni sunucuya ihtiyacım var. Bu şekilde online olan üyelerin sayısı 500 e kadar yükselebilir. Sunucu kapasitesi arttıkça, hizmet verilebilecek online üye sayısı de artar.**

BA v.2.0 Altyapı



BA v.2.0 Mimari



BA v.2.0 Logolar

Bizim Alem™
Hoş Sohbetlere

Bizime Alem
Hier bestimmen die Mitglieder

Bizime Alem®

BA v.2.0 Design

BizimAlem.de - Hos Sohbetlere... - Microsoft Internet Explorer


Datei Bearbeiten Ansicht Favoriten Extras ?

Zurück Suchen Favoriten Medien

Adresse <http://www2.bizimalem.de/content/de/start.jsp;jsessionid=b-2l4Q1vhKv5?n=1> Wechseln zu

Links BA EV EV BUbusinessPlan Tauschbörse DWL Welcome to DWL BizimAlem.de - Hos Sohbetlere AS_LOCAL BA.de

Google Web-Suche Site-Suche Seiten-Info Aufwärts Hervorheben



Hier bestimmen die Mitglieder

Tyhsenstr. 93 • 46535 Dinslaken
Tel: 02064/ 71 946 • Cep Tel: 0171 46 34 844
Fax: 02064/ 777 344

Home Forum Board Kolumne Spiele Kalender Nachrichten Single Börse Umfragen BizimFM Chat

Mein Profil Gästebuch Email Freunde Mailbox Messenger Notizen Links Farben Alle Kurznachrichten Meine Events

BizimAlem Regional > Rhein-Main | Berlin | NRW | Bayern | Hamburg

OP-Ecke
Mitglieder online: 1001
• Abmelden
• Wieso Abmelden?

Mitglieder

- Wer ist Online?
- Mitglieder Galerie
- Anwesenheitslink **neu**
- Lieblinge **neu**
- Mitglieder Toplist
- Geburtstagskinder
- Neue Mitglieder-Bilder
- Neue Mitglieder
- Treffen
- Party Bilder

Kontroll Zentrum

- Mein Profil
- Profil-Zentrum
- Passwort Ändern

Dienste

- Türkische Firmen

Unterhaltung

- Akustik Einschalten


Mein Status: Admin (Falls rotes Lämpchen, erneut einloggen) | Ich möchte Freunde einladen

Deine Email Adresse lautet: acar@bizimalem.de


Schön Dich zu sehen Admin , Du hast **6502** Punkte. Bei uns ist alles **K O S T E N L O S** !)

• CemsBont (*abgeschaltet*) • E M I R (Gästebuch) • HeidiHH (*abgeschaltet*) • JimmyDean (*abgeschaltet*) • Rana_ (Backgammon Spiel) • Support-FFM (*abgeschaltet*) • chicoo (Gästebuch) • ebrum- ebru (Start Seite) • ipana (Gästebuch) • my-dream (*abgeschaltet*)

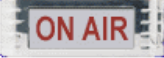
NEUES



BA Service



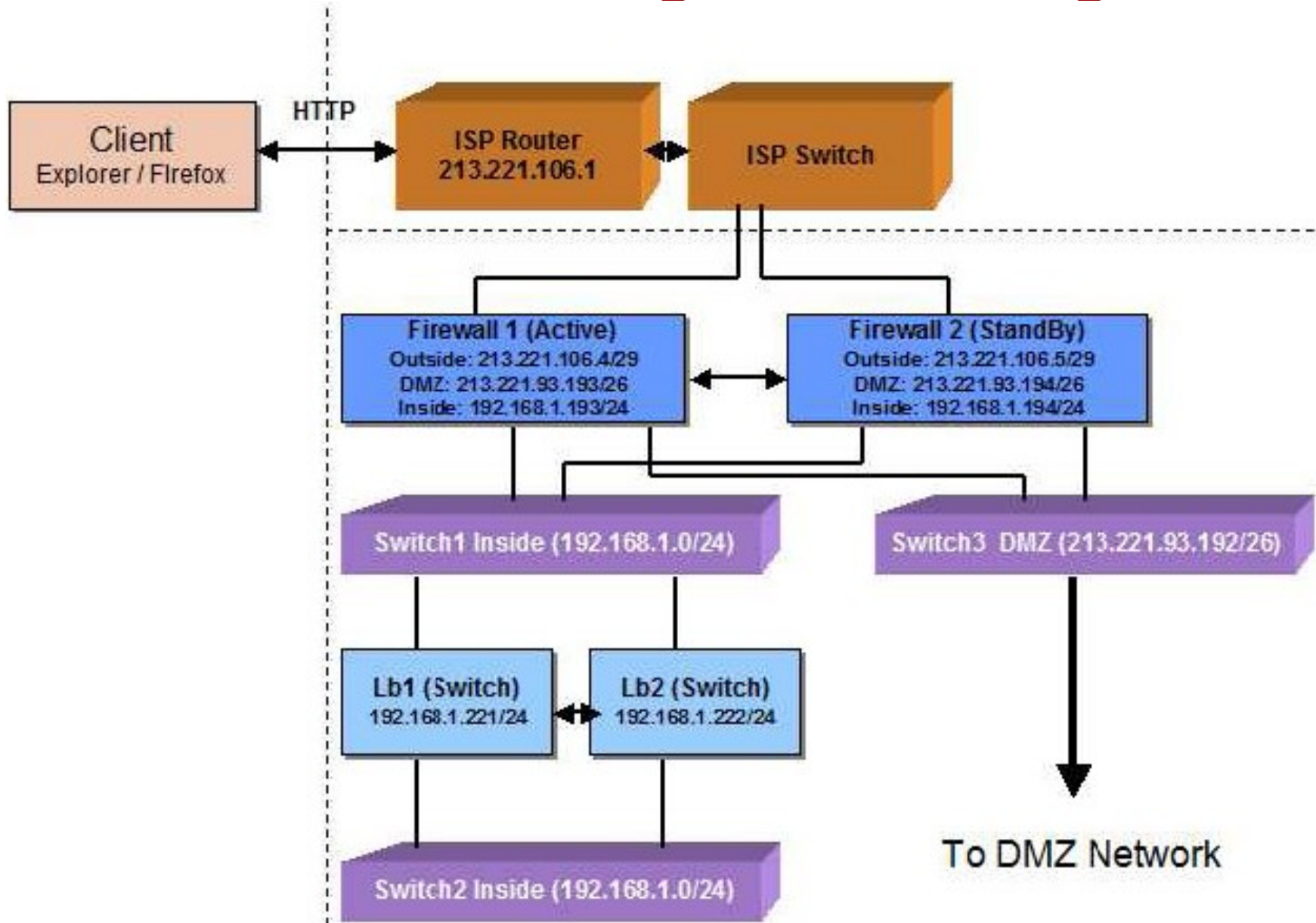
BizimFM
Das erste türkische Radio im Netz



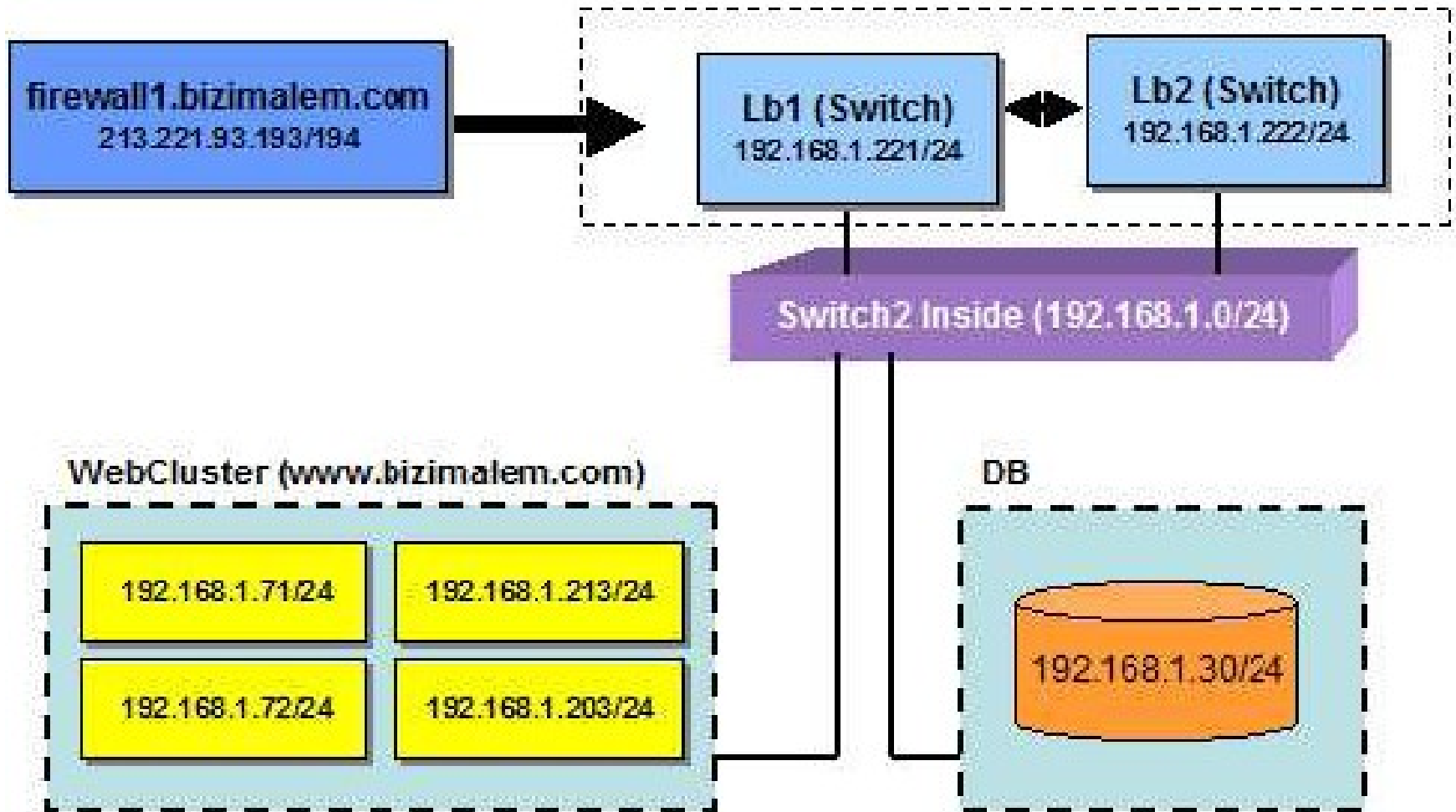
mit 8 DJs rund um die Uhr live türkische Musik ... Von unseren Mitgliedern für unsere Mitglieder . Auch unter <http://www.Bizim.fm>

Start BizimAlem.de - Hos So... 22:16

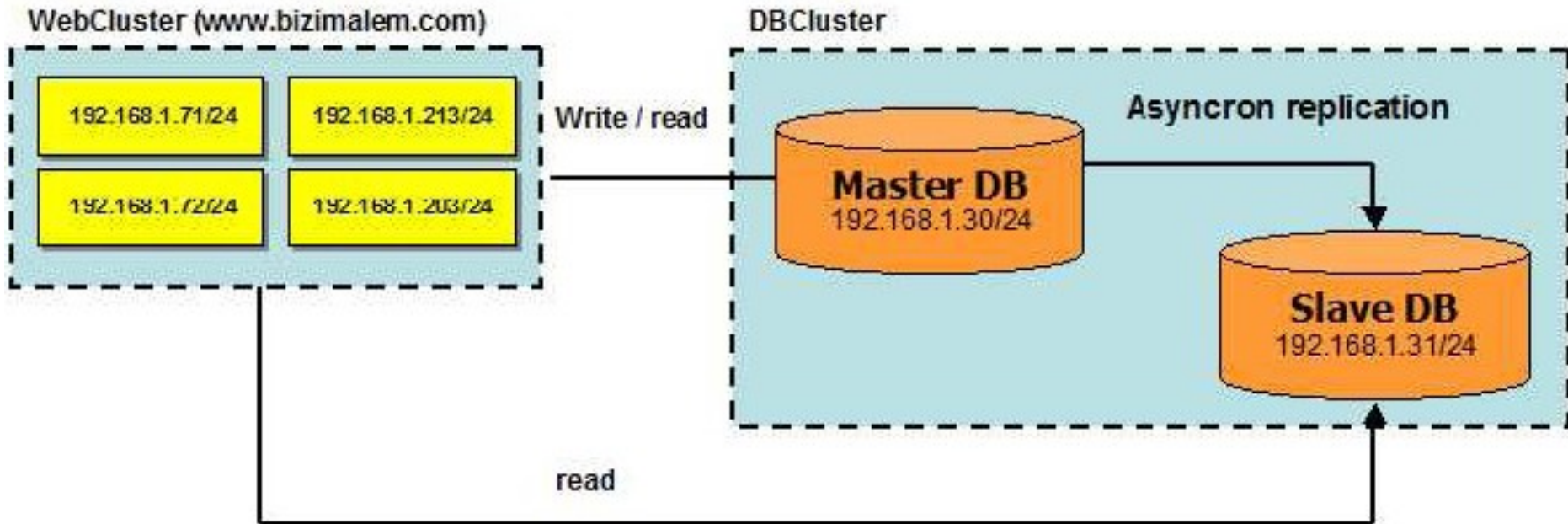
BA v.2.0 Ağ Güvenliği



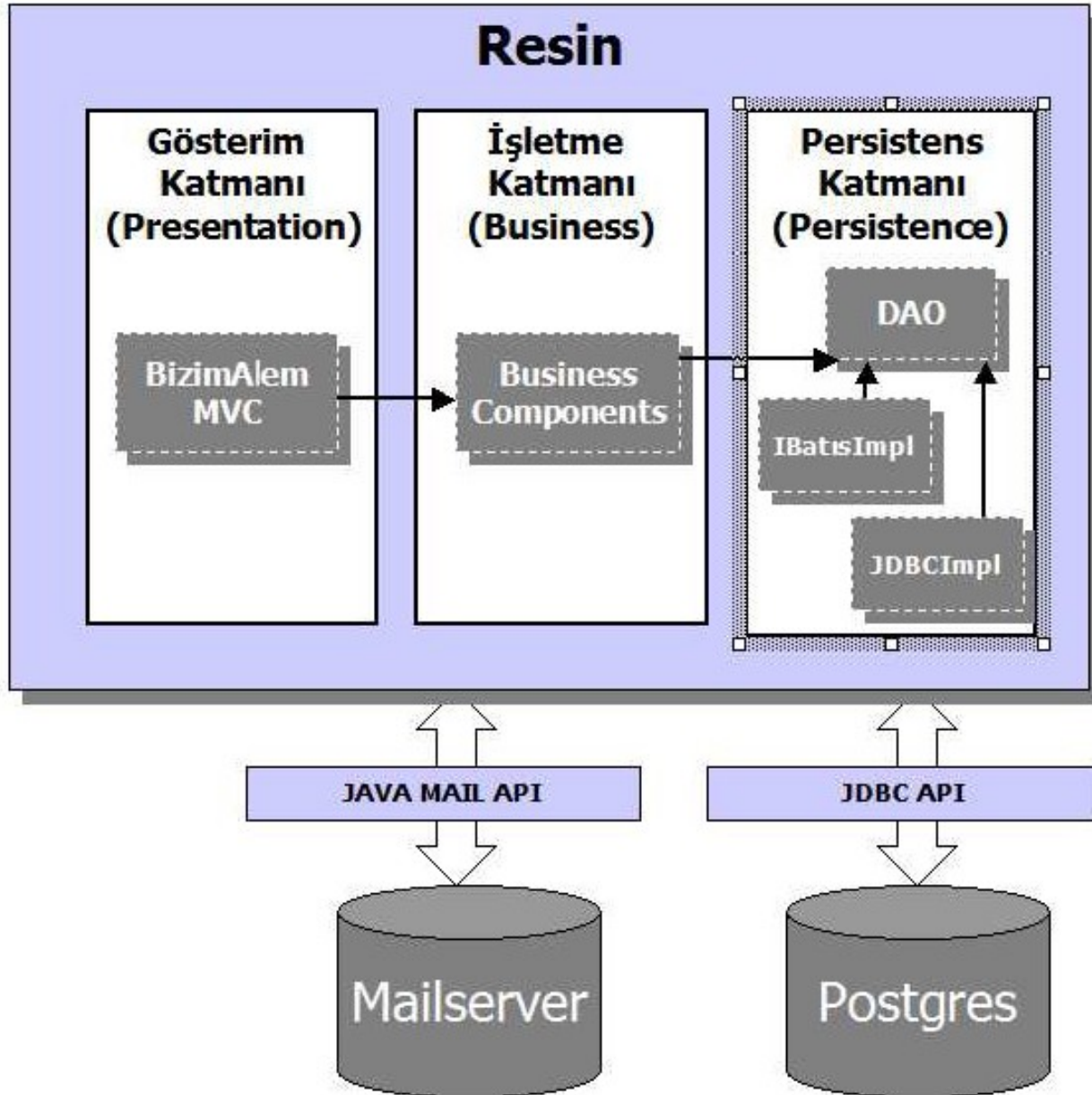
BA v.2.0 Loadbalancing



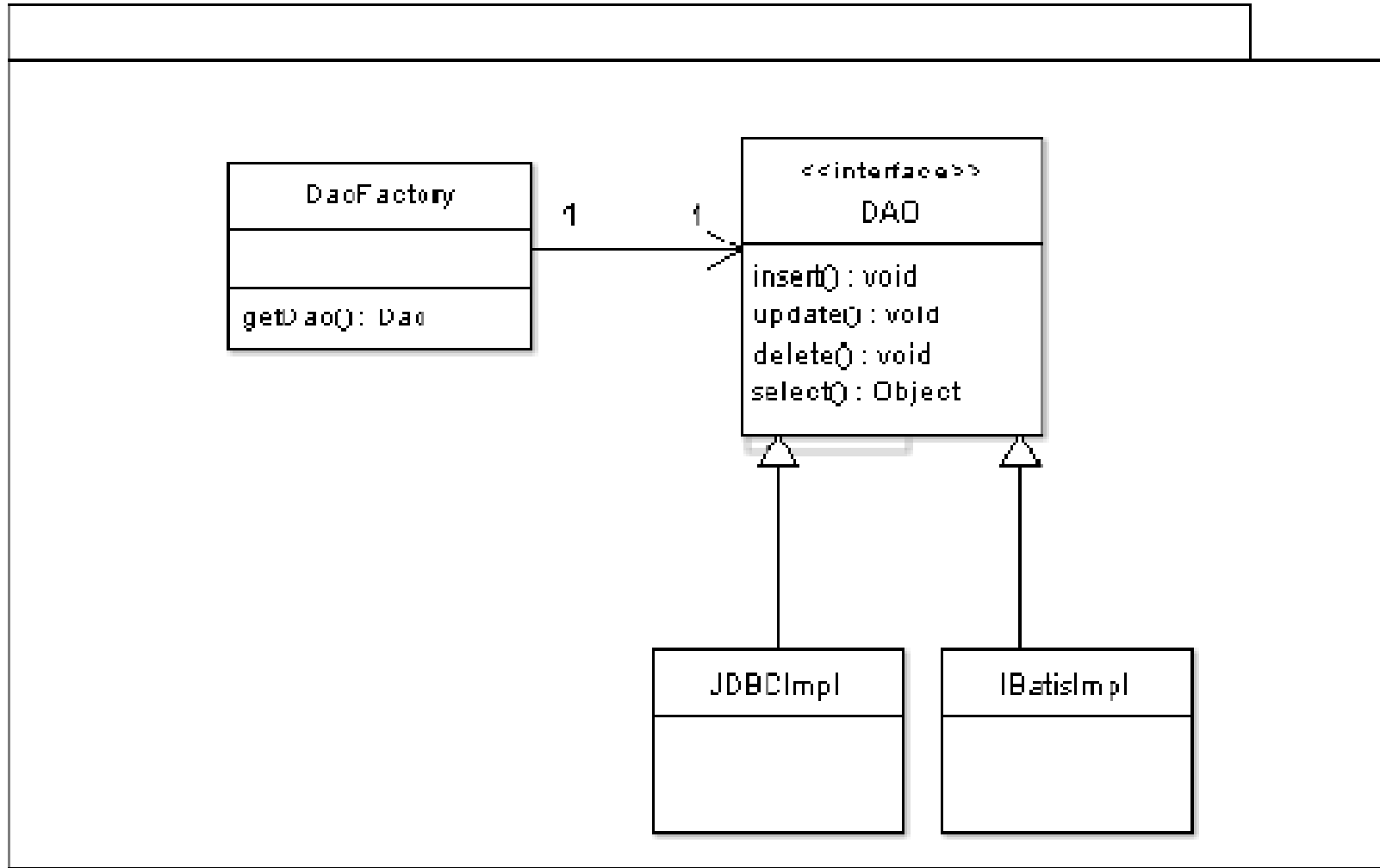
Database Clustering



BA v.3.0 Üç Katmanlı Mimari



Değişik Persistens Mekanizmaları



BA v3.0 Design

BIZIMALEM.COM - EUROPEAN TURKISH PEOPLE NETWORK - Windows Internet Explorer

http://www.bizimalem.com/

Google

Los geht's!

Lesezeichen

Popups okay

Rechtschreibprüfung

Übersetzen

Senden an

Einstellungen

BIZIMALEM.COM - EUROPEAN TURKISH PEOPLE NET...

Seite

Extras

BA BizimAlem

Online: 1306 Game: 258 Singles: 301

BizimAlem.com (620)		BizimAlem.com
BizimAlem.de (548)		BizimAlem.ch (8)
BizimAlem.at (14)		BizimAlem.fr (5)
BizimAlem.uz		BizimAlem.com (44)
BizimAlem.co.uk (0)		BizimAlem.be (20)
BizimAlem.kz		BizimAlem.dk (3)

EUROPEAN TURKISH PEOPLE NETWORK
Since 2001 in Europe | You are from Germany

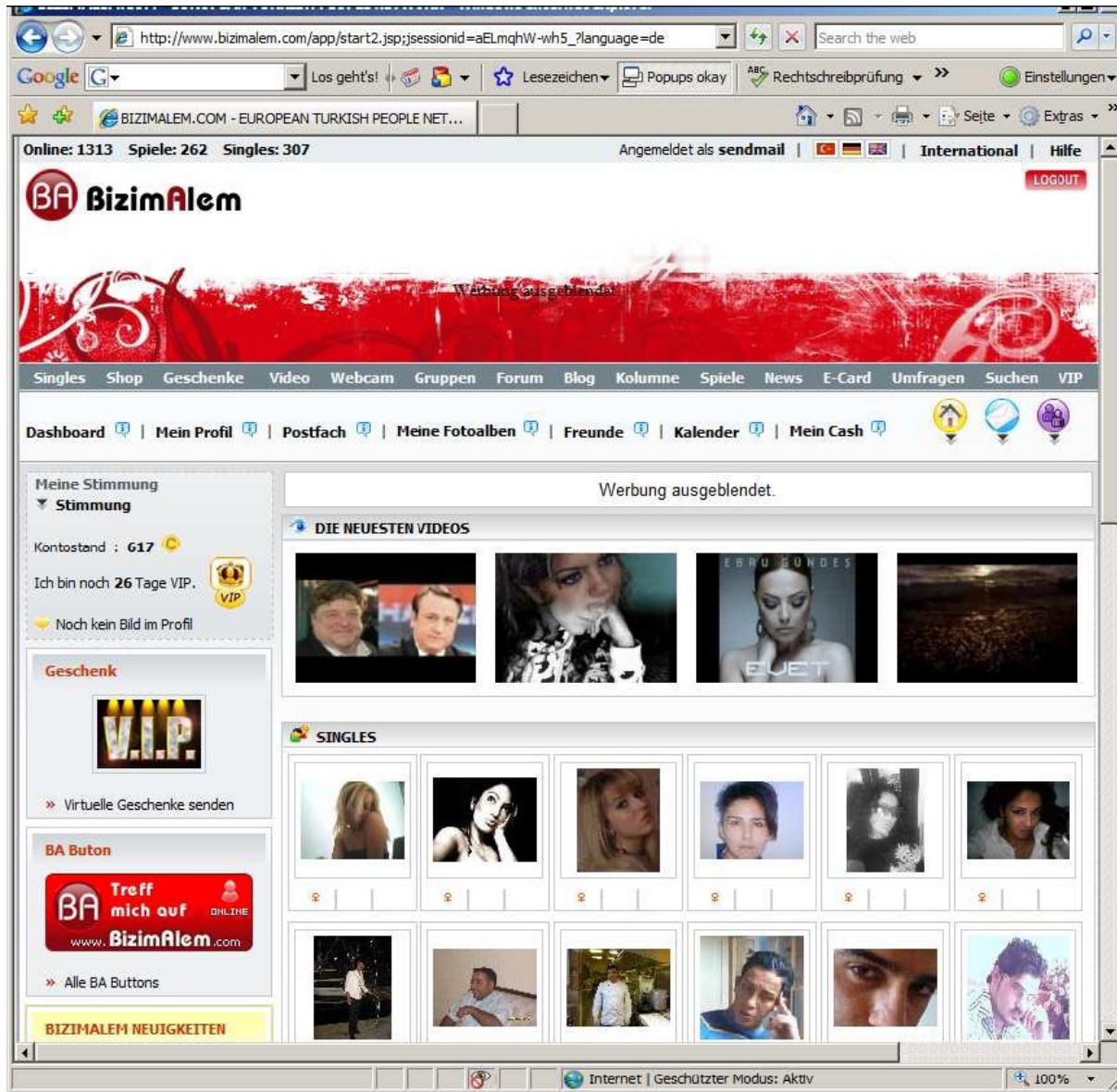
SWB
A Division of Smart Web Business AG

Current Version: v.3.1.52. Cluster member: web4

Internet | Geschützter Modus: Aktiv

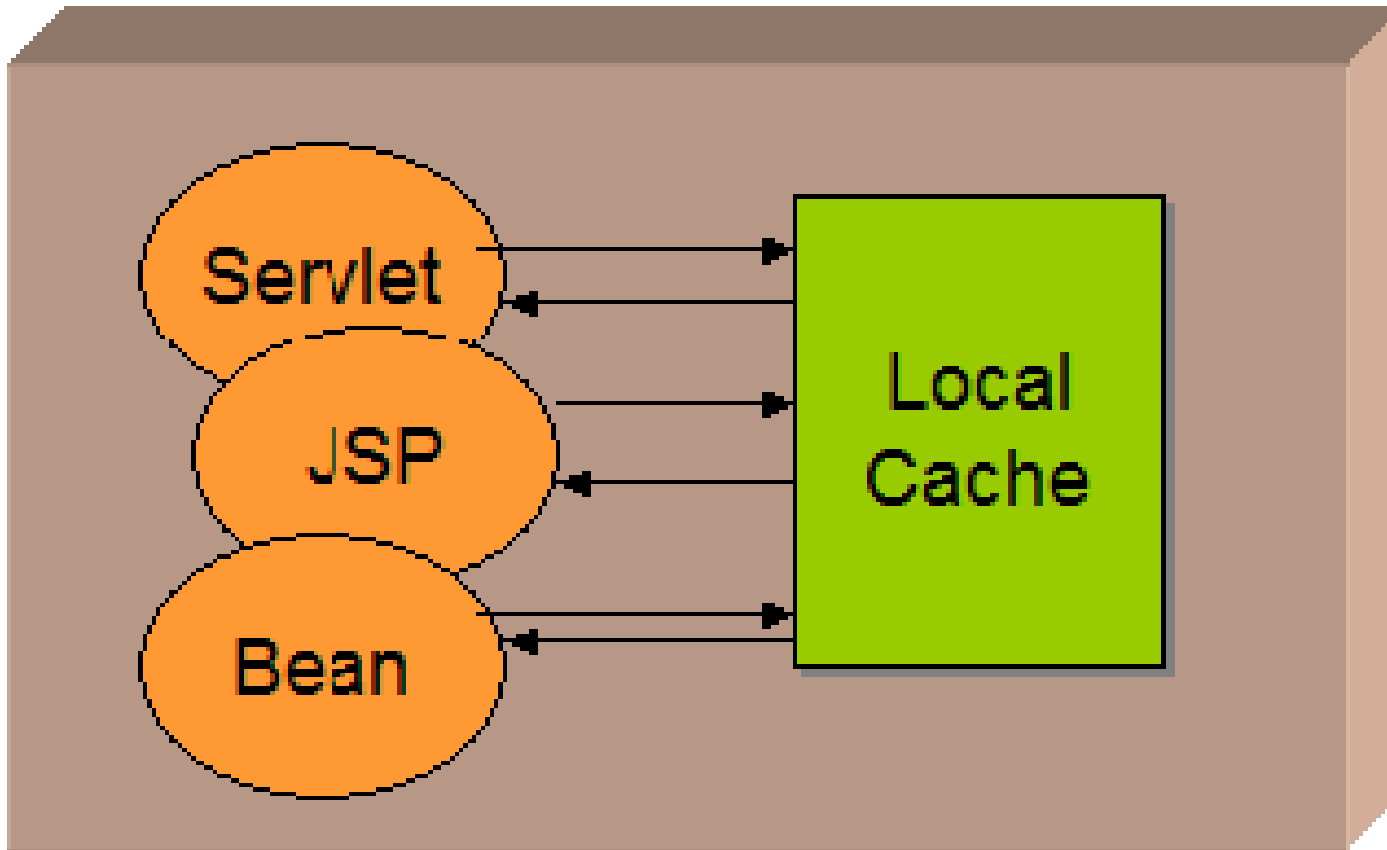
100%

BA v3.0 Design



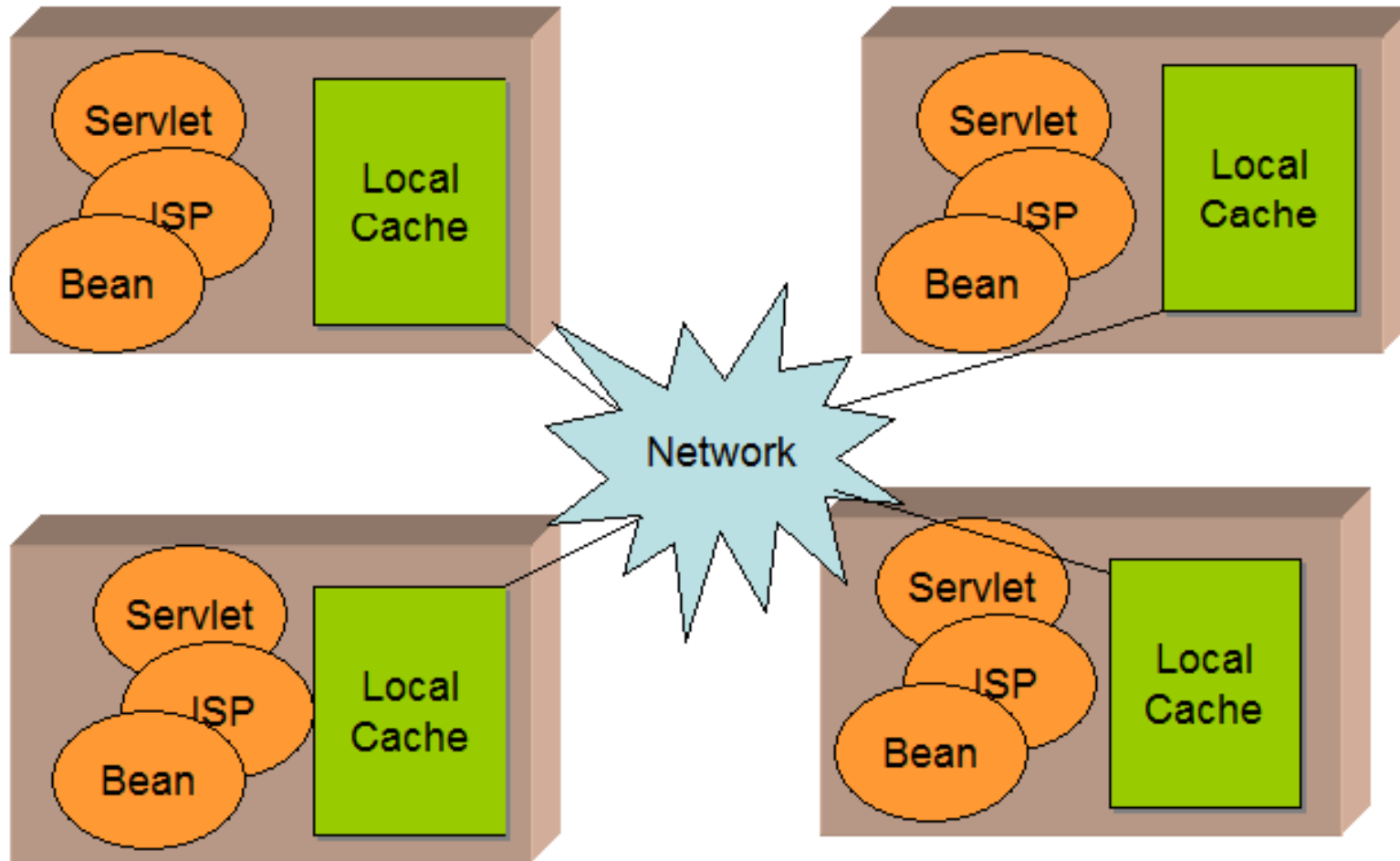
Caching Mekanizmaları

Local Caching



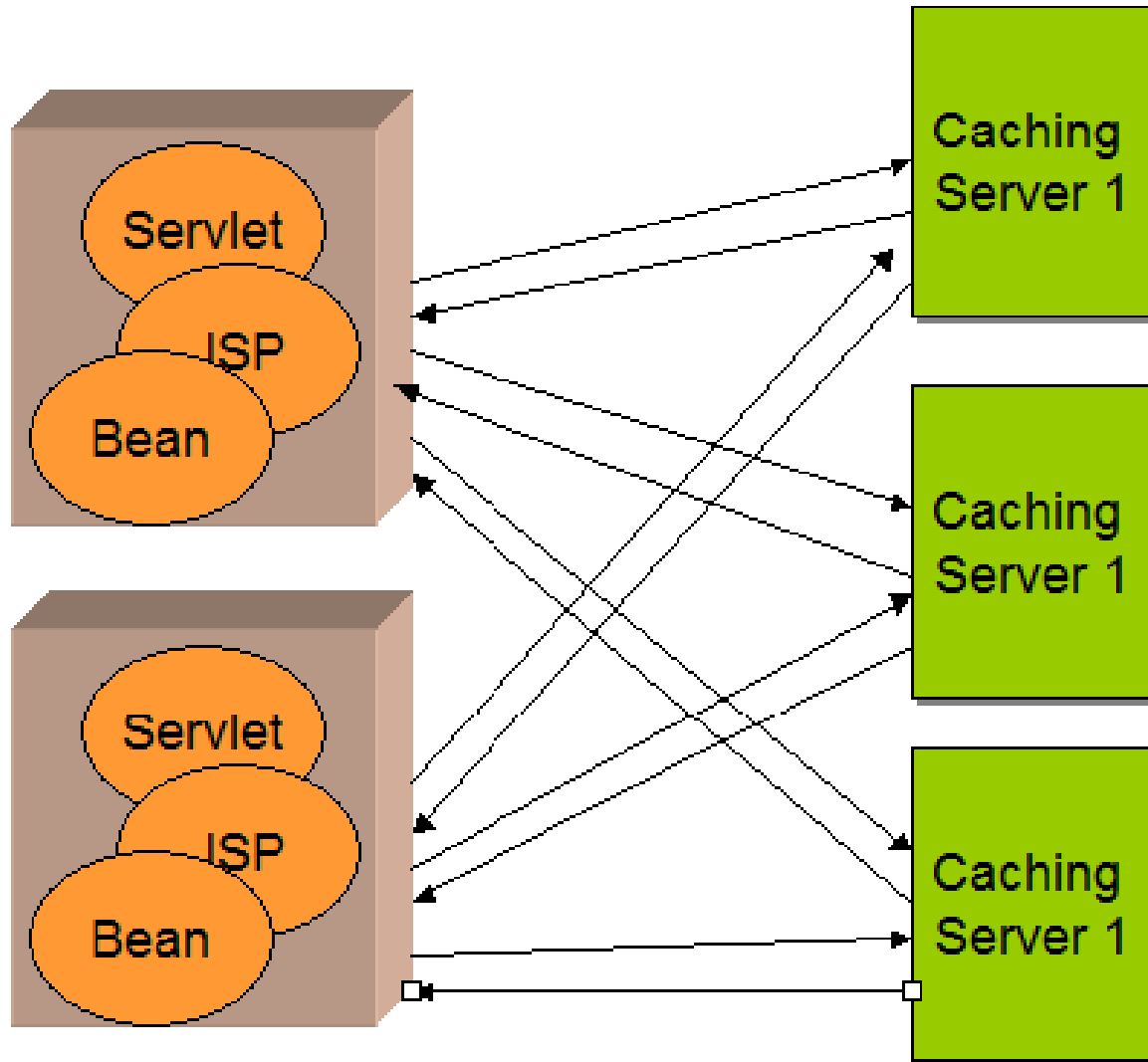
Caching Mekanizmaları

Global Tek Hafıza Caching



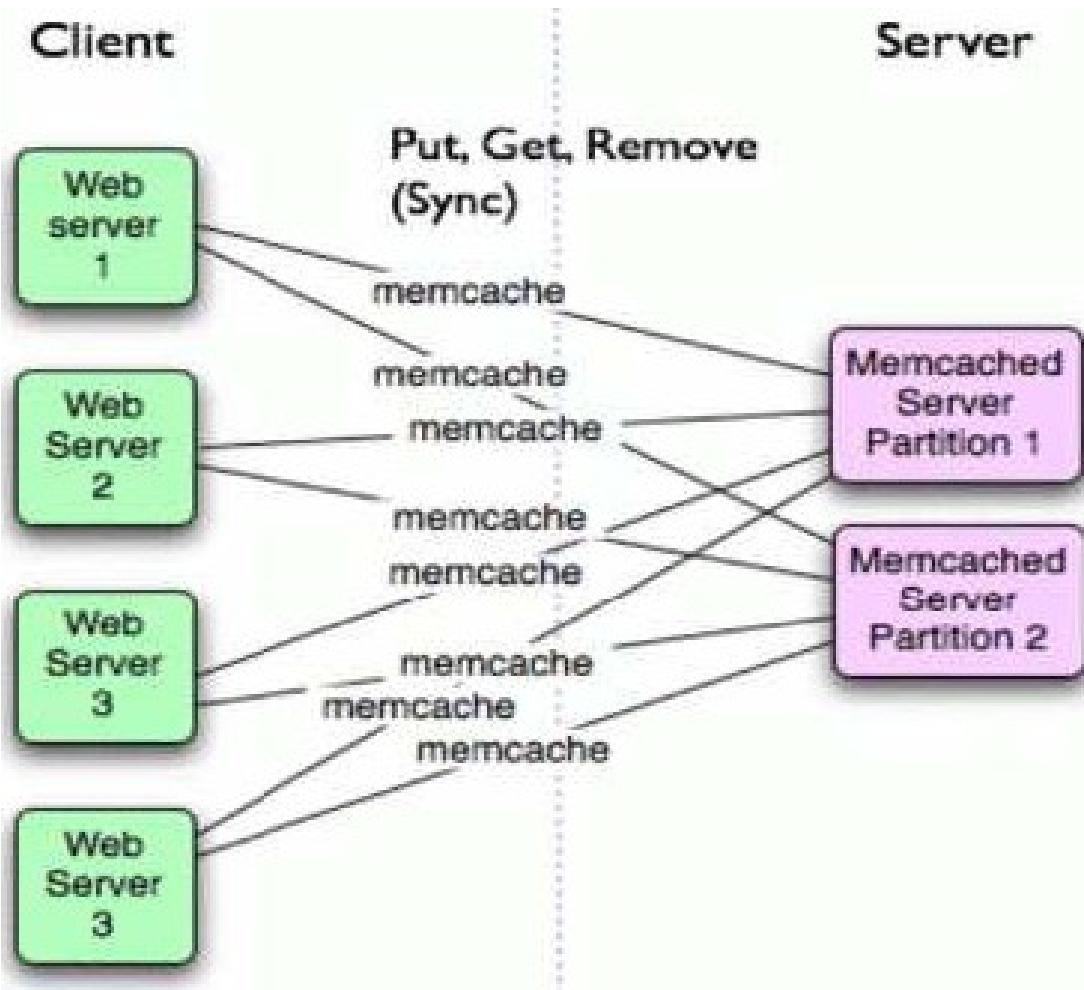
Caching Mekanizmaları

Global Bölümsel (Partial) Caching

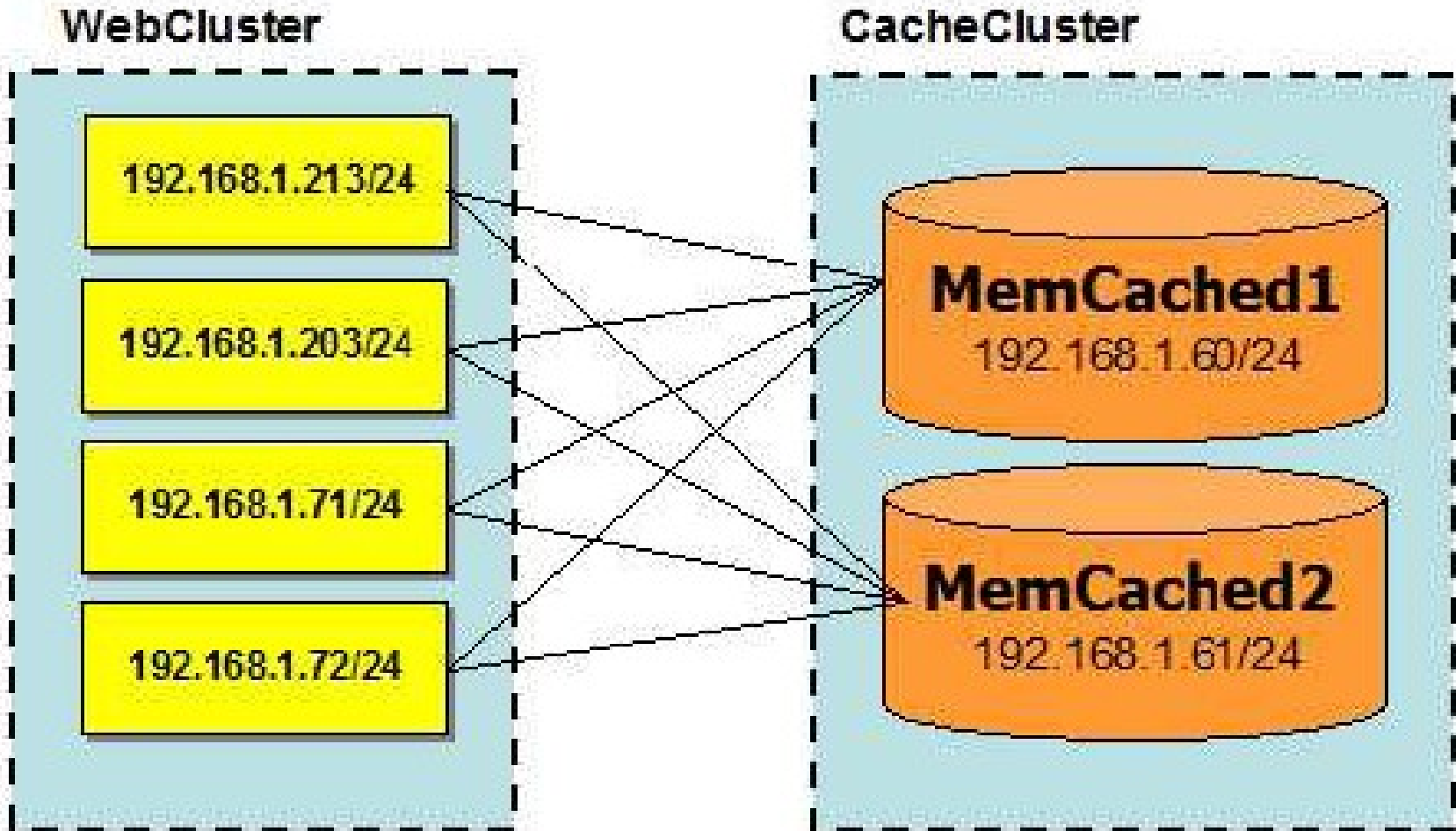


MemCached

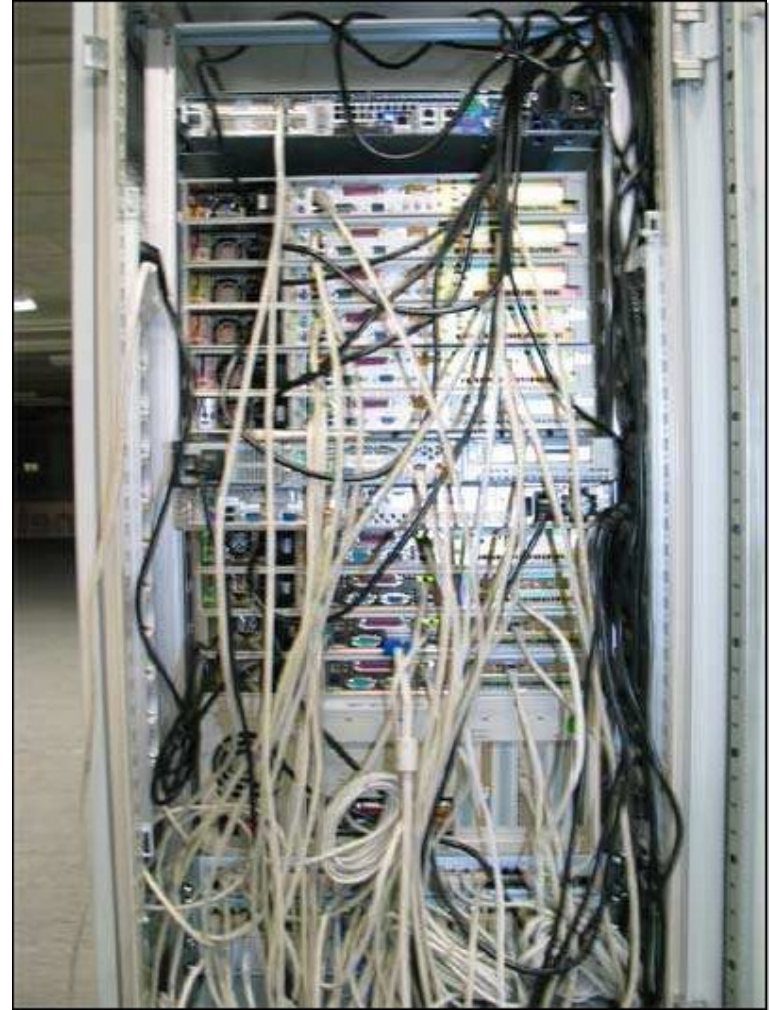
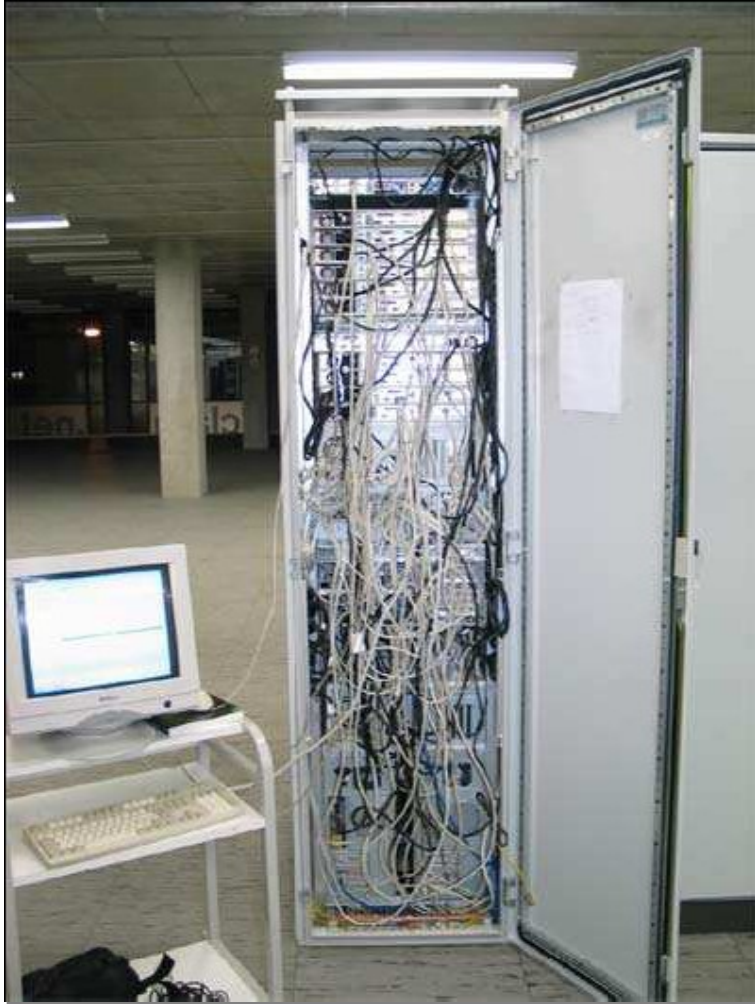
```
./memcached -d -m 2048 -l 192.168.1.10 -p 11211
```



BA v.3.0 Caching



BA v.3.0 Server



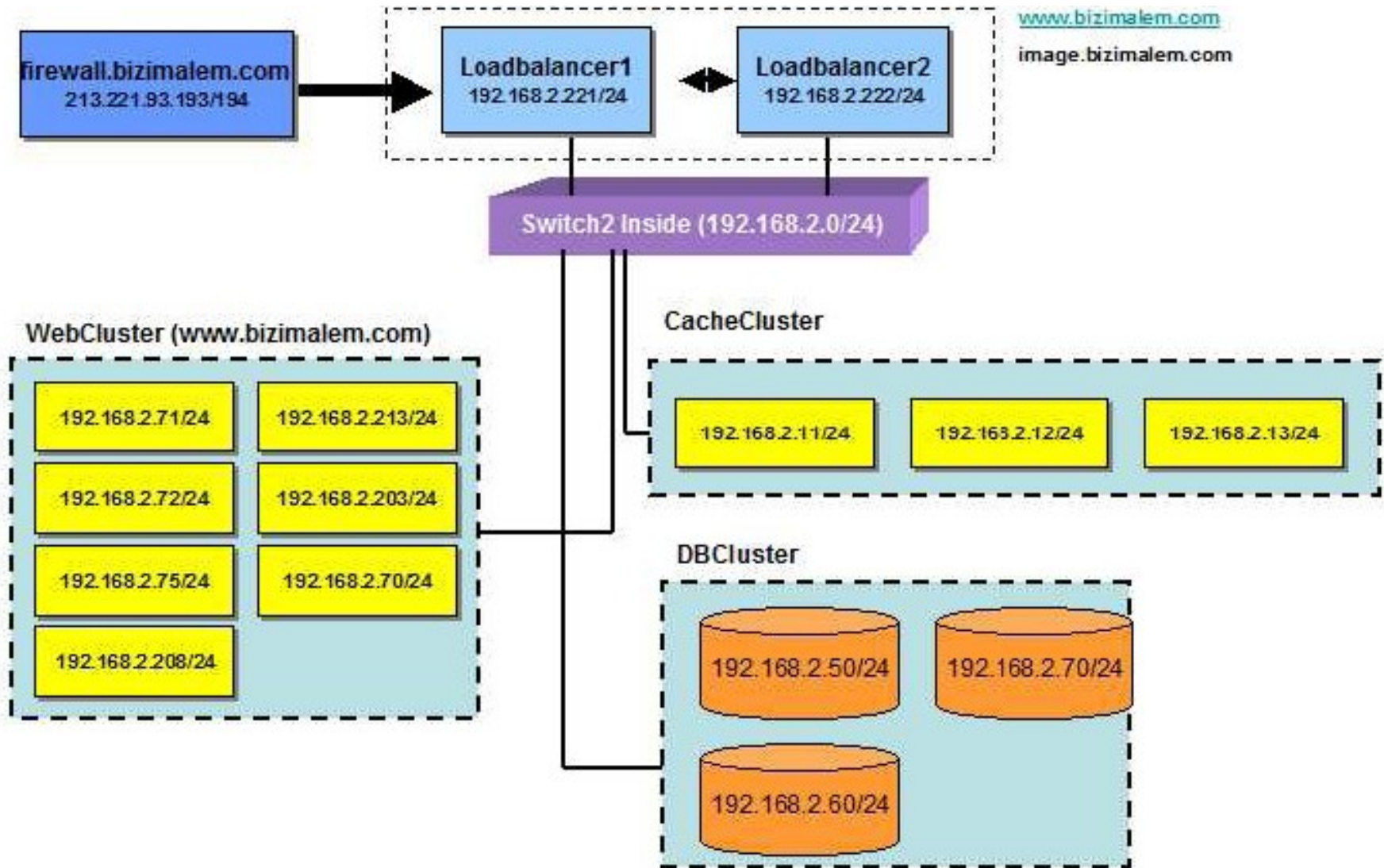
BA v.3.0 Server



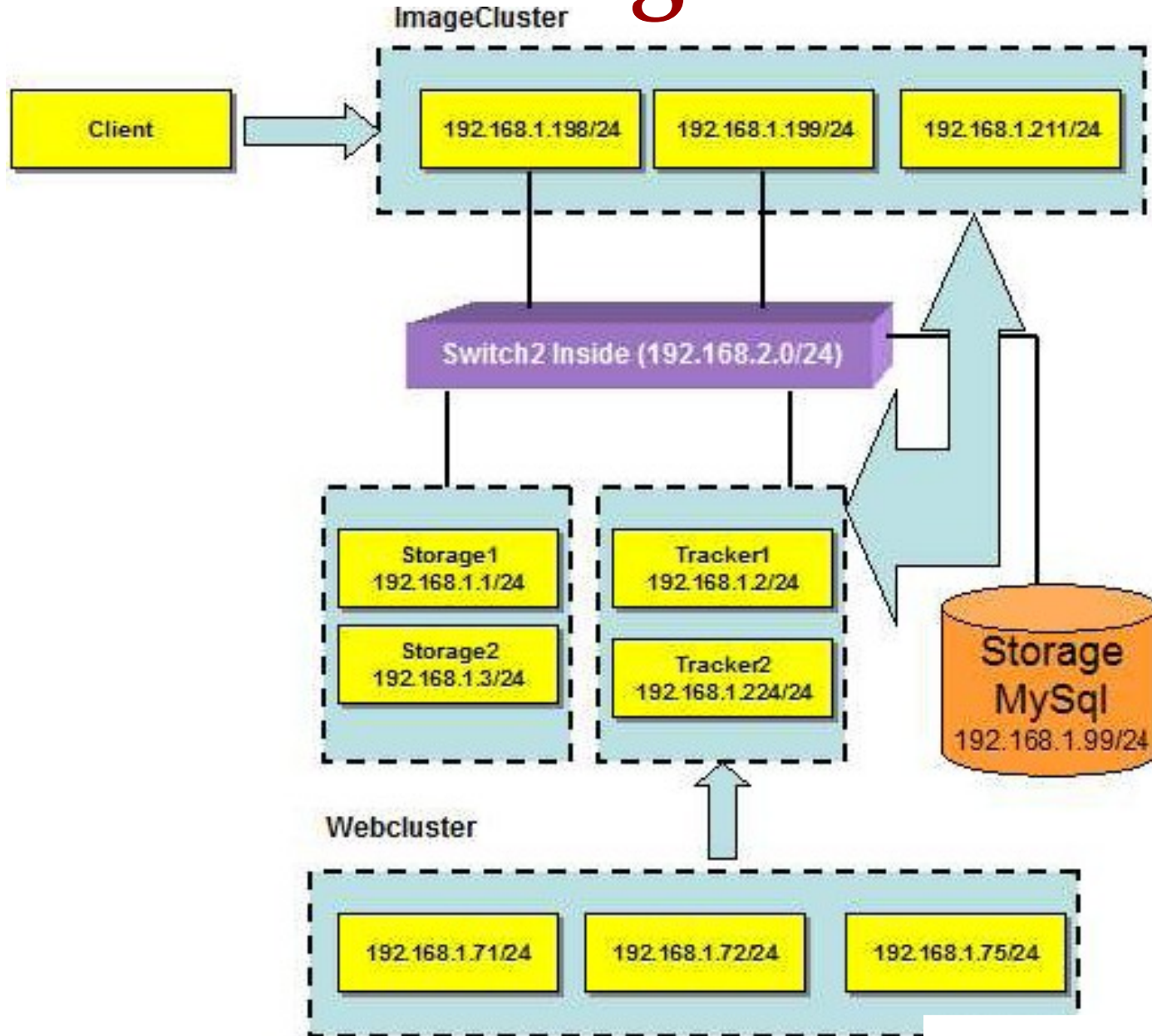
BA v.3.0 Server



BA Aktuel Teknik Altyapı



BA Storage Cluster



BA Storage Cluster

```
213.221.93.225 - PuTTY
bizimalem@tracker1:~> stats
Fetching statistics...

Statistics for devices...
  device      host          files      status
-----
 dev1         storage1      587080     alive
 dev2         storage1      588994     alive
 dev3         storage2      586549     alive
 dev4         storage2      588264     alive
-----

Statistics for file ids...
  Max file id: 27884424

Statistics for files...
  domain      class          files
-----
  prod        class          1173620
  ref         class           1022
-----

Statistics for replication...
  domain      class          devcount    files
-----
  prod        class           1           36
  prod        class           2          1172105
  prod        class           3           1479
  ref         class           2           994
  ref         class           3            28
-----

bizimalem@tracker1:~>
```

BA Storage Cluster

```
213.221.93.225 - PuTTY
-----
bizimalem@tracker1:~> check
Checking trackers...
 192.168.1.2:6001 ... OK

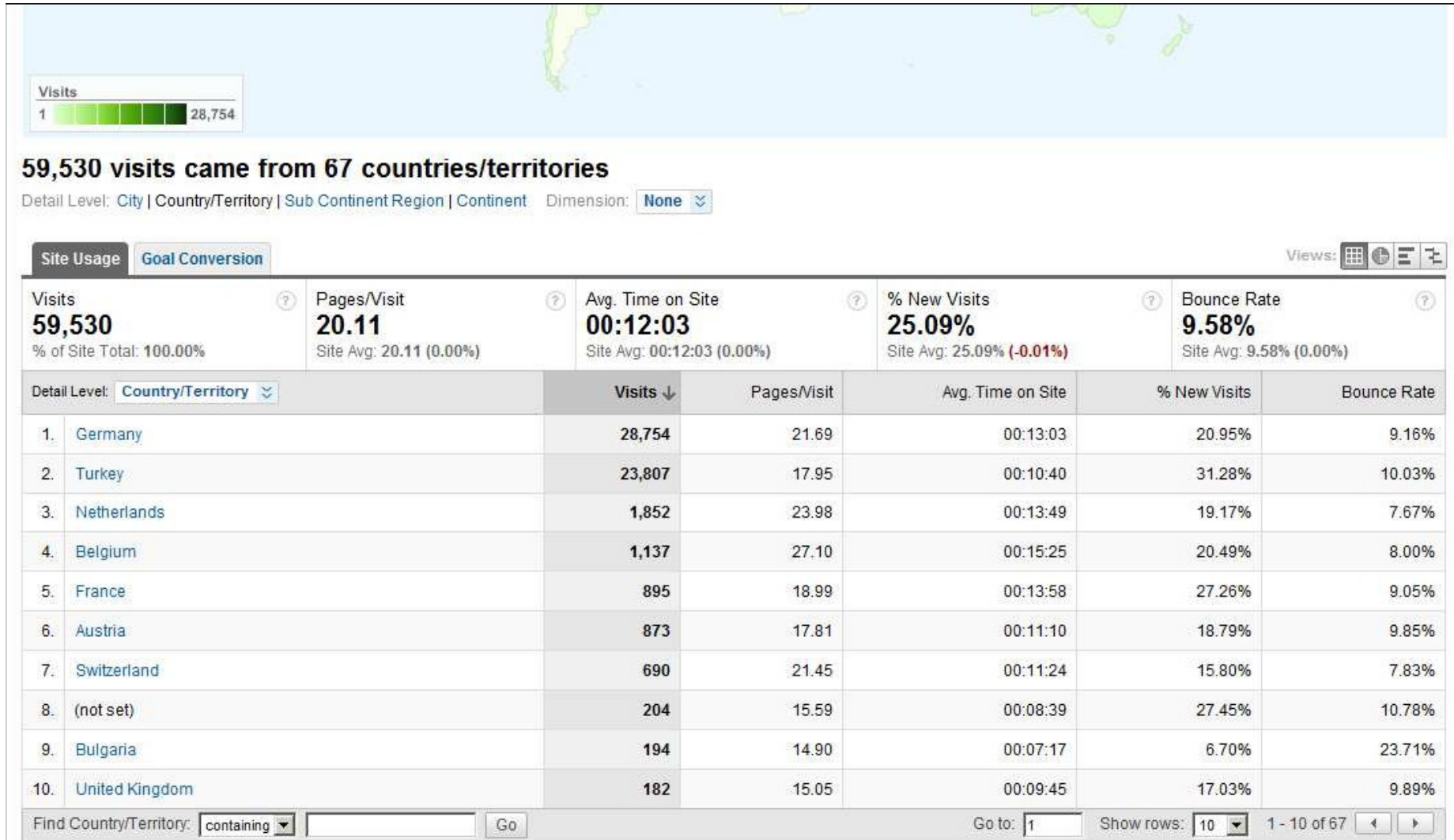
Checking hosts...
 [ 1] storage1 ... OK
 [ 2] storage2 ... OK

Checking devices...
host device      size (G)  used (G)  free (G)  use%  ob state  I/O%
-----
 [ 1] dev1       463.738   33.451   430.287   7.21%  writeable 20.0
 [ 1] dev2       465.737   32.127   433.610   6.90%  writeable 20.0
 [ 2] dev3       463.738   33.249   430.489   7.17%  writeable  0.0
 [ 2] dev4       465.737   32.199   433.539   6.91%  writeable  0.0
-----
                total: 1858.951   131.026   1727.925   7.05%
bizimalem@tracker1:~>
```

BA Google İstatistikleri



BA Google İstatistikleri



Gzip Compression

Enter the Address of a Page to Test:

Test



<http://www.bizimalem.com/index.jsp> is gzipped

Original Size: 25 KB

Gzipped Size: 3 KB

Data Savings: 88%

Browser Cache

The screenshot shows a Mozilla Firefox browser window displaying the BizimAlem website. The address bar shows the URL `http://www.bizimalem.com/app/start.jsp`. The page content includes the BizimAlem logo, user statistics (Online: 1044, Oyunlar: 212, Singles: 243), and a user login area with the name 'sendmail'. A red 'LOGOUT' button is visible.

The Network tab is open, showing a list of requests. The selected request is for a cached image:

Started	Time	Sent	Received	Method	Result	Type	URL
00:01:08.490	0.890	509	(0)	GET	(Cache)	image/jpg	http://213.221.93.198/storage/im...p?ct=image/jpg&d=prod&k=1900063
00:01:08.495	0.267	485	222	GET	200	image/jpeg	http://213.221.93.211/pics/images/ico/man.jpg
00:01:08.500	0.840	476	(0)	GET	(Cache)	image/jpg	http://213.221.93.199/storage/im...p?ct=image/jpg&d=prod&k=1900045
00:01:08.523	0.700	505	(0)	GET	(Cache)	application/octet-stream	http://im01c1.hiclip.de/thumbs/79...47079_8babf9e9739350bb82a0_1.jpg
00:01:08.542	0.499	505	176	GET	200	image/jpeg	http://im01e1.hiclip.de/thumbs/5...46654_393216e6a357d07ea421_1.jpg
00:01:08.549	0.505	505	10039	GET	200	image/jpeg	http://im01a1.hiclip.de/thumbs/4...46542_4954ab277313b5048ba6_1.jpg

The Headers tab is also open, showing the Request Header for the selected request:

Request Header	Value
(Request-Line)	GET /storage/image.jsp?ct=image/jpg&d=prod&k=1900045 HTTP/1.1
Host	213.221.93.199
User-Agent	Mozilla/5.0 (Windows; U; Windows NT 6.0; de; rv:1.9.0.6) Gecko/20080702 Firefox/3.0.6
Accept	image/png,image/*;q=0.8,*/*;q=0.5
Accept-Language	de-de;q=0.8,en-us;q=0.5,en;q=0.3
Accept-Encoding	gzip,deflate
Accept-Charset	ISO-8859-1,utf-8;q=0.7,*;q=0.7
Keep-Alive	300
Connection	keep-alive
Referer	http://www.bizimalem.com/app/start2.jsp

The status bar at the bottom of the browser shows 'Fertig'.

Performans Sorunlarının Çözülmesi

- **Thread Dump**
- **Heap Dump**
- **Logging**
- **Connection Pooling Tuning**
- **Application Server Tuning**
- **Java VM Tuning**
- **Linux Tuning**
- **Code Profiling**
- **SQL Profiling**

Thread Dump

```
213.221.93.225 - PuTTY
3145 ?      Ss      5:29 /usr/sbin/sshd -o PidFile=/var/run/sshd.init.pid
3153 ?      S       0:05 /usr/sbin/powersaved -d -f /var/run/acpid.socket -
3168 tty1    Ss+    0:01 /sbin/mingetty --noclear tty1
3169 tty2    Ss+    0:00 /sbin/mingetty tty2
3170 tty3    Ss+    0:00 /sbin/mingetty tty3
3171 tty4    Ss+    0:01 /sbin/mingetty tty4
3172 tty5    Ss+    0:00 /sbin/mingetty tty5
3173 tty6    Ss+    0:00 /sbin/mingetty tty6
3234 ?      S<     0:00 [kauditd]
9430 ?      S       0:01 [pdflush]
24560 ?     S       0:00 [pdflush]
24573 ?     S       0:00 perl ./wrapper.pl -chdir -name httpd -class com.ca
24575 ?     Sl     908:36 /database/jdk/current/bin/java -server -Dsun.net.i
32556 ?     Ss     0:00 sshd: bizimalem [priv]
32558 ?     R      0:00 sshd: bizimalem@pts/0
32559 pts/0    Ss     0:00 -bash
32574 pts/0    R+     0:00 ps ax
bizimalem@web1:~/resin/bin> kill -QUIT 24575
```

Thread Dump

**"tcpConnection-8080-9662" daemon prio=1 tid=0x540315a8 nid=0x7c7c runnable
[0x61af0000..0x61af0f30]**

at java.net.SocketInputStream.socketRead0(Native Method)

at java.net.SocketInputStream.read(SocketInputStream.java:129)

at com.caucho.vfs.SocketStream.read(SocketStream.java:159)

at com.caucho.vfs.ReadStream.readBuffer(ReadStream.java:790)

at com.caucho.vfs.ReadStream.fillBuffer(ReadStream.java:765)

at com.caucho.server.http.HttpRequest.readRequest(HttpRequest.java:360)

at com.caucho.server.http.HttpRequest.handleRequest(HttpRequest.java:193)

at com.caucho.server.http.HttpRequest.handleConnection(HttpRequest.java:171)

at com.caucho.server.TcpConnection.run(TcpConnection.java:139)

at java.lang.Thread.run(Thread.java:595)

Logging

```
bizimalem@web1:~/resin/log> tail -f bizimalem.log
```

```
DEBUG 2009-04-11 16:00:45,169 smart.community.ui.VideoController:3012 - 61: s:3:"ugc"  
DEBUG 2009-04-11 16:00:45,169 smart.community.ui.VideoController:3023 - duration: 03:02  
DEBUG 2009-04-11 16:00:45,170 smart.community.ui.VideoController:3052 - duration: hawin_21  
DEBUG 2009-04-11 16:00:45,170 smart.community.ui.VideoController:3062 - duration: 1855  
DEBUG 2009-04-11 16:00:45,170 smart.community.ui.VideoController:3078 - getVideoVo() exit  
DEBUG 2009-04-11 16:00:45,173 smart.community.ui.VideoController:3633 - getPopularTags()  
DEBUG 2009-04-11 16:00:45,215 smart.community.ui.VideoController:3766 - getPopularTags() exit  
DEBUG 2009-04-11 16:00:45,216 smart.community.ui.VideoController:3201 - getGameComments()  
DEBUG 2009-04-11 16:00:45,267 smart.community.ui.VideoController:3387 - getGameComments() exit  
DEBUG 2009-04-11 16:01:49,760 smart.core.storage.MogileFsStorageImpl:88 - delete()  
DEBUG 2009-04-11 16:01:49,761 com.guba.mogilefs.Backend:195 - command: delete  
domain=prod&key=1894250
```

```
DEBUG 2009-04-11 16:01:49,784 com.guba.mogilefs.Backend:241 - response: OK  
DEBUG 2009-04-11 16:01:49,784 smart.core.storage.MogileFsStorageImpl:101 - delete() exit  
DEBUG 2009-04-11 16:01:49,785 smart.core.storage.MogileFsStorageImpl:88 - delete()  
DEBUG 2009-04-11 16:01:49,785 com.guba.mogilefs.Backend:195 - command: delete  
domain=prod&key=m_1894250
```

Connection Pooling Tuning

```
<resource-ref>  
  <res-ref-name>jdbc/PostgresDB60</res-ref-name>  
  <res-type>javax.sql.DataSource</res-type>  
  <init-param driver-name="org.postgresql.Driver"/>  
  <init-param url="jdbc:postgresql://192.168.1.90/bizimalem"/>  
  <init-param user="acar"/>  
  <init-param password="acar"/>  
  <init-param ping-table="community_ping"/>  
  <init-param ping-on-reuse="true"/>  
  <init-param max-connections="100"/>  
  <init-param max-idle-time="36000"/>  
  <init-param max-active-time="36000"/>  
  <init-param connection-wait-time="36000"/>  
  <prepared-statement-cache-size>200</prepared-statement-cache-size>  
</resource-ref>
```

Application Server Tuning

```
<thread-max>256</thread-max>
```

```
<thread-min id='50'/>
```

```
<thread-keepalive id='50'/>
```

```
<accept-buffer-size id='512'/>
```

```
<request-timeout id='15s'/>
```

```
<listen id='500'/>
```

```
<session-config>
```

```
  <session-max id=20000/>
```

```
</session-config>
```

Java VM Tuning

- J-server**
- J-Dsun.net.inetaddr.ttl=1**
- J-Xmx1024m**
- J-Xms1024m**
- J-Xmn100m**
- J-XX:MaxPermSize=200m**
- J-XX:MaxNewSize=24m**
- J-XX:NewSize=24m**
- J-XX:SurvivorRatio=128**
- J-XX:MaxTenuringThreshold=0**
- J-XX:CMSInitiatingOccupancyFraction=60**

Heap Dump

The screenshot displays the IBM HeapAnalyzer interface with the following components:

- File Analysis View Help**: Menu bar with icons for file operations and analysis.
- heapdump.20071023.080629.11452.0001.phd**: File name and details.
 - Heap dump file name: /home/irockel/heapdump.20071023.080629.11452.0001.phd
 - Heap dump comments:
 - // Version: J2RE 6.0 Linux x86
 - // Breakdown - Classes: 2055, Objects: 71485, ObjectArrays: 724
 - // EOF: Total 'Objects',Refs(null) : 106936,120384(0)
 - Recommended size of kCluster : 2.260 or greater (Only for IBM Sov
 - Number of roots : 50.538
 - Number of types : 2.063
 - Heap range : 0xa6dee000 to 0xa72e1618
 - Heap range size : 5.233.472
 - Heap size : 6.196.696
- Tree View**: Hierarchical view of heap objects.
 - Go to Bookmark, Remove Bookmark, Leak Suspects
 - TotalSize (TotalSize/HeapSize%) [ObjectSize] NumberOfChildObject(50.538) ObjectName Address
 - 1.108.840 (17%) [40] 5 array of [Ljava/lang/Thread; 0xa6dee7e8
 - 1.107.768 (17%) [112] 5 java/lang/Thread 0xa6e45210
 - 625.504 (10%) [88] 5 java/lang/ThreadGroup 0xa6dee798
 - 482.000 (7%) [112] 11 sun/misc/Launcher\$AppClassLoader 0xa6e3b860
 - 96 (0%) [40] 1 java/lang/String 0xa6e451b0
 - 32 (0%) [32] 0 java/security/AccessControlContext 0xa6e452a0
 - 24 (0%) [24] 0 java/lang/Thread\$ThreadLock 0xa6e45270
 - 280 (0%) [112] 6 java/lang/Thread 0xa700c7e8
 - 256 (0%) [112] 5 java/lang/Thread 0xa6e4d5b0
 - 256 (0%) [112] 5 java/lang/Thread 0xa6df01e0
 - 240 (0%) [112] 6 java/lang/Thread 0xa7280878
 - 152.072 (2%) [40] 2 com/ibm/crypto/provider/j 0xa6f34530
 - 98.424 (1%) [304] 4 class org/apache/harmony/security/fortress/Services\$NormalServices 0xa7...
 - 53.960 (0%) [3.064] 761 array of [Ljava/lang/Object; 0xa6e9c4d8
 - 49.664 (0%) [304] 5 class java/awt/Toolkit 0xa6f7b3d0
 - 42.424 (0%) [72] 1 java/nio/ByteBufferAsShortBufferB 0xa717c3c8
 - 39.712 (0%) [3.041] 7 class java/nio/charset/Charset 0xa6df2138
- Objects View**: Table of heap objects.

TotalSize	Size	No. Child	Address	Object
1.108.840		40	0xa6dee7e8	array of [Ljava/lang/Thread;
1.107.768		112	0xa6e45210	java/lang/Thread
625.504		88	0xa6dee798	java/lang/ThreadGroup
625.248		32	0xa6dee810	array of [Ljava/lang/ThreadGro...
625.216		88	0xa6dee9b0	java/lang/ThreadGroup
624.984		56	0xa6ebb8e0	array of [Ljava/lang/Thread;
617.040		112	0xa6ebb670	java/lang/Thread
616.768		56	0xa6fd1ac0	sun/awt/AWTAutoShutdown
616.528		56	0xa6fd1c00	sun/awt/AWTAutoShutdown\$Pe...
616.472		64	0xa6fd1c28	array of [Ljava/util/Hashtable\$E...
616.408		40	0xa6f9d948	java/util/Hashtable\$HashtableC...
616.344		368	0xa6e88448	sun/awt/X11/XFramePeer
602.176		784	0xa6e70050	sun/awt/X11/XFramePeer
- Console**: Log output.
 - Requesting 855.488 bytes of Java heap.
 - Sorting table by TotalSize.
 - Requesting 855.488 bytes of Java heap.
 - Sorting table by TotalSize.

SQL Profiling - IronTrackSQL

The screenshot displays the IronTrackSQL application window. The interface includes a menu bar (File, View, Server, Data, Help), a toolbar with buttons like Connect, Disconnect, Config, Purge, Import, Export, and About, and a main area for SQL monitoring. The 'SQL Monitor' tab is active, showing a legend for Preparation, Execution, and Retrieval phases. A filtering section allows users to filter by SQL text, Count (15 to 20), Rows, Avg Time, Max Time, and Min Time. Below this is a table of SQL statements with their respective performance metrics.

SQL	Count	Avg Time	Max Time
SELECT g.name, g.groupTypeID, vg.vendorID FROM VS_VendorGroup vg LEFT JOIN VS_...	20	28	32
SELECT i.* FROM VS_Image i WHERE i.vendorID in (8)	20	49	63
SELECT v.vendorID, v.externalVendorID, v.name, v.description, v.email, v.url, v.city, v.stateCode, ...	20	70	78
SELECT a.amenityTypeID, va.vendorID FROM VS_VendorAmenity va LEFT JOIN VS_Ame...	20	34	150

At the bottom, there are three charts: 'Rows Returned' (bar chart showing max, avg, min), 'Time Performance' (bar chart showing max, avg, min), and 'Count' (bar chart showing no. of executions). A 'SQL Statement Syntax' box provides the SQL for the highlighted row: `SELECT a.amenityTypeID, va.vendorID FROM VS_VendorAmenity va LEFT JOIN VS_Amenity a ON va.amenityID = a.amenityID WHERE va.vendorID in (8)`. The status bar at the bottom indicates 'Exporting data from server localhost' and 'Connected'.

Linux Tuning

ulimit -n 128000

ulimit -c unlimited

ulimit -s 4096

echo 128000 > /proc/sys/fs/file-max

echo 0 > /proc/sys/net/ipv4/icmp_echo_ignore_all

echo 0 > /proc/sys/net/ipv4/icmp_echo_ignore_broadcasts

echo 0 > /proc/sys/net/ipv4/tcp_timestamps

echo 30 > /proc/sys/net/ipv4/tcp_fin_timeout

echo 1800 > /proc/sys/net/ipv4/tcp_keepalive_time

echo "4096 87380 4194304" > /proc/sys/net/ipv4/tcp_rmem

echo "4096 65536 4194304" > /proc/sys/net/ipv4/tcp_wmem

echo 4096 > /proc/sys/net/core/netdev_max_backlog

echo 1048576 > /proc/sys/net/core/wmem_default

echo 1048576 > /proc/sys/net/core/wmem_max

echo 1048576 > /proc/sys/net/core/rmem_default

echo 1048576 > /proc/sys/net/core/rmem_max

echo 30000 > /proc/sys/net/ipv4/tcp_max_syn_backlog

echo 0 > /proc/sys/net/ipv4/conf/eth0/accept_source_route

echo 0 > /proc/sys/net/ipv4/conf/eth0/accept_redirects

Kaynak: KurumsalJava.com



The screenshot shows a Windows Internet Explorer browser window displaying the website KurumsalJava.com. The page title is "Extreme Programming | Kurumsal Java Yazılımı - Windows Internet Explorer". The address bar shows the URL "http://www.kurumsaljava.com/category/xp/". The website header features the logo "Kurumsal Java" with the tagline "Java Enterprise Architecture". Below the logo is a navigation menu with links: ANA SAYFA, FORUM, HAKKIMIZDA, İLETİŞİM, KİTAPLARIMIZ, MAKALELER, OKUYUCUDAN, PROJELER, SUNUMLAR, TAVSİYE. The main content area is titled "Extreme Programming" and contains a blog post titled "Çevik Sürece Geciş Nasıl Olmalı?". The post is dated "Şub 13th, 2009" and is by "acar". The text discusses the popularity of Agile processes like Scrum and Extreme Programming, comparing them to the Waterfall model. It mentions that Agile processes are becoming more popular due to the need for faster development and delivery. The post also includes tags for "Extreme Programming" and a link to "No Comments". Below the post is another article titled "Türkiye'nin İlk Extreme Programming Konulu Kitabı" dated "Şub 8th, 2009" by "acar". The text mentions that a new book about Extreme Programming is being published. The right sidebar contains sections for "ONLINE ÜYELER" (2 kullanıcı Online, acar, 1 ziyaretçi), "KURUMSAL JAVA YAZIŞMA GRUBU" (Google Grup adresi: http://groups.google.com/group/kurumsaljava), "E-POSTA ABONELİĞİ" (Abonelik için email adresinizi giriniz), and "KATEGORİLER" (Extreme Programming (9), Haberler (13)).

Kaynak: KurumsalJava.com

BizimAlem.com

<http://www.kurumsaljava.com/download/18>

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Çankaya Üniversitesi Wicket Semineri



Kurumsal Java Akademisi eğitmenlerinden Özcan Acar 3 ocak 2009 tarihinde Ankara Çankaya üniversitesinde CETURK tarafından düzenlenen Java teknolojileri seminerine konuşmacı olarak katıldı ve Apache Wicket framework hakkında bir sunum yaptı. Sunum dosyalarını aşağıdaki linkler üzerinden edinebilirsiniz.

[Devamı...]

Son

İlginiz için teşekkür ederim.