

Mission Statement

Applying the principles of stewardship, ARIN, a nonprofit corporation, allocates Internet Protocol resources; develops consensus-based policies; and facilitates the advancement of the Internet through information and educational outreach.

ARIN XI Begins April 6th!

Features policy and member discussions, in addition to IPv6 Mini-Workshop and WHOIS CBT

The American Registry for Internet Numbers would like to welcome ARIN members and the Internet community to ARIN XI. The meeting will take place April 6 - 9, 2003 at the Peabody Hotel in Memphis, Tennessee.

On Sunday, April 6th, we will be featuring an IPv6 Mini-Workshop from 1:00 PM to 5:00 PM. The Public Policy Meeting, open to members and non-members, will take place on Monday, April 7th and Tuesday, April 8th. The Members meeting will take place on Wednesday, April 9th.

Throughout ARIN XI, we will also provide self-paced computer-based training in the ARIN Learning Center. Two training modules will be provided. The first is the "Understanding ARIN's Database and Templates" training offered at our past meeting and available on our website. This training is suitable for someone either new to ARIN or seeking a better understanding of these

issues since our database conversion last August.

The second training module is new and is called "Querying ARIN's WHOIS." Made up of a series of units, this training provides an overview of ARIN's WHOIS, an explanation of basic and advanced queries, and guidance for users in understanding WHOIS output. For more information about any of the training offered and the hours it will be available, please visit the Learning Center page on our website or see the article below.

As always, we will have a Registration Services Help Desk available to answer any of your registration-related questions. For the hours it will be open and other information, please check out the ARIN XI Agenda page on the website.

ARIN XI will also feature a social event at B.B. King's Blues Club on exciting Beale Street, and our 4th Annual Spring Foosball Tournament! Look inside for more ARIN XI information.



WHOIS Computer-Based Training

Focuses on understanding WHOIS and building effective queries

A screenshot of a web-based training module titled "Querying ARIN's WHOIS". The page has a blue header with the title. Below the header, it says "Introduction to Training". The main content area contains text explaining the training's purpose and listing two audiences: "Novice users" and "Advanced users". A list of content modules follows, including "Overview of ARIN's WHOIS", "Basic Queries", "Advanced Queries Using a Single Option Flag", "Advanced Queries Using Multiple Option Flags", "Understanding ARIN's WHOIS Output", and "Where to Query". A cartoon character of a detective in a blue suit and hat is on the right side of the page. At the bottom, there are navigation buttons for "Next", "Back", "Menu", and "Exit". A footer contains the copyright notice: "Copyright © American Registry for Internet Numbers. All Rights Reserved." and a "Glossary" link.

As part of our continuing efforts to provide education and training to the ARIN community, we are providing attendees of ARIN XI computer-based training modules in the ARIN Learning Center. These modules are designed to provide instruction on working with ARIN services. The Learning Center will consist of two computer-based training modules.

Querying ARIN's WHOIS

This new training module provides instruction for ARIN's WHOIS users in

today
@ARIN

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1st Quarter
2003

ARIN

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Internet Community Calendar

LACNIC IV, April 23-25, 2003, Santiago, Chile

RIPE 45, May 12-16, 2003, Barcelona, Spain

NANOG 28, June 1-3, 2003, Salt Lake City, Utah, US

ICANN, June 22-26, 2003, Montreal, Canada

IETF 57, July 13-18, 2003, Vienna, Austria

APNIC 16, August 19-22, 2003 (tentative), Seoul, Korea

Internet Community Meeting Reports

RIPE 44

**January 27-31, 2003
Amsterdam, NL**

RIPE 44 covered a wide variety of issues including IPv6 policy and the results of the RIPE membership survey. A tutorial session on IP Requests was given on Monday, January 27.

Ray Plzak, President and CEO of ARIN, presented information about ARIN, including organizational news and an announcement about the upcoming ARIN XI meeting.

RIPE staff gave a presentation on an improved Secure Communication System for RIPE members. Highlights from the RIPE NCC working groups include reports on anti-spam efforts, DNS, IPv6 and an update on the RIPE NCC LIR Portal.

Further details can be found at:
www.ripe.net/ripe/meetings/current/ripe-44/

NANOG 27

**February 9-11, 2003
Phoenix, Arizona, US**

The North American Network Operators' Group (NANOG) held its 27th meeting February 9-11, 2003, in Phoenix, Arizona. NANOG conferences provide a forum for the coordination and dissemination of technical information related to large-scale (i.e., national/international) Internet backbone networking technologies and operational practices.

Tutorial sessions began on Sunday afternoon, February 9 and included BGP Techniques for Service Providers, A Methodology for Troubleshooting Interdomain IP Multicast, and IPv6 Deployment Concepts. The General Session began on Monday, February 10 and ended on Tuesday, February 11 and covered a variety of technical topics including The Spread of the Sapphire/Slammer Worm, Peering Evolution, an Internet Exchange Operator Panel, Large Scale Wireless Networks, UT's Case, and BGP4 Anycast for Root Name Service -- Threat or Menace?, to name just a few.

For information and details about the topics covered during NANOG 27, please see:
www.nanog.org/mtg-0302/agenda.html.

APNIC 15/ APRICOT 2003 February 24 -28, 2003 Taipei, TW

APNIC 15 was held in Taipei in conjunction with APRICOT 2003. It included APNIC training, tutorials, Special Interest Groups (SIGs), Hostmaster consultations, the APNIC Member Meeting, and a social event.

The APNIC Annual Member Meeting, held on February 28, was well attended with 116 delegates present and 37 APNIC members represented. Representatives from the other RIRs (ARIN, LACNIC, and RIPE NCC) and ICANN were also present. A total of 558 delegates from 30 economies attended APRICOT 2003.

A variety of policy and operational issues were discussed including a discussion of the policy development process in the APNIC region, a potential revision to the existing IPv6 policy, as well as discussion about the management of the IPv6 address space (sparse allocation), database clean up, and lame delegation clean up.

In addition, an open election to fill four vacant positions on the APNIC Executive Council took place at the APNIC Annual Member Meeting on Friday, February 28, 2003.

Additional information is available at:
www.apnic.net/meetings/

IETF 56

March 17-21, 2003

San Francisco, California, US

The process of reforming the IETF continued to be one of the themes of the meeting. The main topics at the Internet Engineering Steering Group plenary included intellectual property rules regarding IETF documents, documentation of the roles and responsibilities of the IESG, and the looming financial crisis of the IETF. The most significant technical news is that SNMPv3 has progressed to Full Standard, a level few efforts have ever reached.

ARIN staff attended meetings related to IPv6, Routing, DNS, Registry operations, and the Internet Engineering Performance Group. In the IEPG, ARIN presented on work to date reducing DNS lame delegations. Reducing lameness in the DNS was also featured in other presentations, illustrating that ARIN is not alone in this concern. In other developments, IPv6 developers are considering the deprecation of site local addresses, and the 6bone experimenters will request a delegation of their reverse DNS entries from IANA. The IETF is considering a group called GROW that will study many of the same routing issues of ARIN's RTMA effort.

Additional information is available at:
www.ietf.org/meetings/meetings.html

ICANN

March 23-27, 2003

Rio de Janeiro, BR

The International Corporation for Assigned Names and Numbers (ICANN) held a meeting at the Sofitel Hotel in Rio de Janeiro, Brazil. The highlight of the meeting was the transfer of the Presidency from M. Stuart Lynn to Paul Twomey. The Board also adopted several resolutions pertaining to names issues and approved the meeting schedule for 2004. The RIRs had a meeting with the Government Advisory Committee and made a presentation to them. The RIRs also released a communique to the GAC. Details of this can be found at:

www.arin.net/announcements/20030324.html.

Additional meeting information is available at:
www.icann.org/riodejaneiro/

Board of Trustee Actions

In the past quarter, the ARIN Board of Trustees met on January 10 and March 18, 2003. Actions of the Board included:

- Approved 2003 Budget
- Approved procedure for appointment of interim member of ASO AC.
- Approved increasing annual maintenance fees from \$30 to \$100 effective July 1, 2003. The Board also approved making this a consolidated fee.
- Elected officers for 2003: Chair: John Curran; Secretary: Scott Bradner; and Treasurer: Lee Howard.
- Approved AC's recommendation to abandon Policy Proposal 2002-7.
- Confirmed AC's appointment of two interim AC members: Dana Argiro and Andrew Dul.
- Approved Privacy Statement for website

The complete minutes can be found at:

www.arin.net/library/minutes/bot/

ARIN Advisory Council Update

The ARIN Advisory Council met on January 16, 2003 via teleconference. Alec Peterson was re-elected as Chairman of the AC.

Topics discussed included ongoing policy proposals, IPv6 policy, the possibility of a RWhois server policy, and issues raised by the allocation of blocks out of the 69/8 space.

In the last three months, the AC has had three resignations. Barbara Roseman resigned in January and Dana Argiro was appointed to fill this seat until December 31, 2003. Tanya Hinman resigned in February, and Andrew Dul was appointed to fill this seat until the end of 2003. In March, Dawn Martin resigned and an interim appointment is pending.

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the structuring of a query to retrieve information and understanding output.

Self-contained units serve a broad target audience. Novice users of ARIN's WHOIS will benefit from completing the entire program in sequential order. Advanced users of ARIN's WHOIS who wish to hone specific query skills may select specific modules.

Understanding ARIN's Database and Templates

The focus of the training is to describe the features of ARIN's database and the areas of authority involved with using our templates. The training also covers, in detail, the Org and POC templates as well as the 5 SWIP-replacement templates (Reassign-Simple, Reassign-Detailed, Reallocation, Net-Mod, and Net-Name-Change).

This CBT was first delivered at a Learning Center in October 2002 at ARIN X in Eugene, Oregon. For those that missed earlier training opportunities, or who have additional questions, this is a great chance to learn how to interact with ARIN's database and learn how to utilize our templates. It is designed to be helpful to a broad audience and to allow you to learn at your own pace. This training module is also available for use on our website at:

www.arin.net/library/training/DBTC_CBT/.

ARIN XI Sponsors

ARIN thanks both NASA and Comcast for graciously sponsoring portions of ARIN XI. As part of its sponsorship, NASA is supplying the network connectivity and the wireless network. Comcast is sponsoring this year's social event at B.B. King's Blues Club, and fulfilling the audio-visual needs in Memphis.



ARIN XI

Registration Services Help Desk

At ARIN XI, the Registration Services Help Desk will be available to answer any of your registration-related questions throughout the meeting. Staffed by the knowledgeable Registration Services Department staff, the Help Desk is a valuable resource for getting information about specific requests or general registration-related questions.

The Help Desk will be located in the Board Room on the Mezzanine level. It will be open on Sunday 4:00 to 5:00 PM, Monday and Tuesday 8:00 to 9:00 AM, 12:00 to 1:00 PM, 5:00 to 6:00 PM, and on Wednesday 8:00 to 9:00 AM.

ARIN XI Social



ARIN is pleased to have Comcast as the sponsor of this great social event!

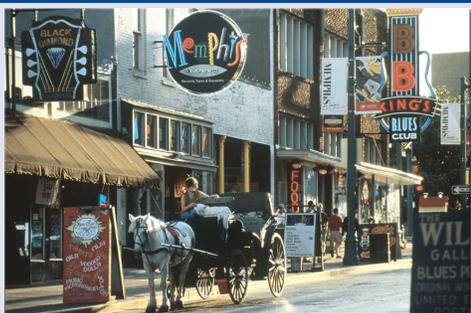
On Monday evening, April 7, from 7:00 to 10:00 PM, come see the "Queen of Beale Street" perform live at B.B. King's Blues Club. Ruby Wilson will charm you onto the dance floor at B.B. King's, just a couple of blocks from the Peabody. With authentic Southern food and great music, B.B. King's cannot be missed!

Information about B.B. King's Blues Club - Memphis, visit:

www.bbkingclubs.com/memphis/

For more information about this meeting or upcoming ARIN meetings and how to become an ARIN sponsor, contact Edward Pizzarello, Event Coordinator, at 1+703-227-9878.

Attractions in Memphis



The Birthplace of Rock and Roll is a cultural melting pot of the South. Memphis is the nation's 18th largest city, both in area and population, and boasts a population of over 650,000. With the Mississippi running along the western side of town, Memphis offers enough blues and barbecue for the 8 million visitors that come to Memphis each year.

Whether it's Beale Street or Graceland, the city is proud of its musical heritage. The Smithsonian has captured the history of music in Memphis at the Rock N' Soul Museum. Fans of art and history will appreciate the Memphis Pink Palace Museum, whether they visit the Planetarium or take in an IMAX show. The Peabody Place Museum & Gallery features collections of Chinese art, while the Art Museum of University of Memphis features Egyptian and African art. Or how about a riverboat cruise? The Memphis Queen features daily cruises down the Mighty Mississippi.

While Memphis features dozens of great barbecue restaurants, great renditions of Italian, classic French, Russian, and Asian cuisine can also be found. Explore the list of fine restaurants and other attractions at:

[www.memphistravel.com/
Attractions_Search.asp](http://www.memphistravel.com/Attractions_Search.asp)

If you're trying to figure out what to pack, you can expect average temperatures between 52° and 72° F during the April meeting. Additionally, a little bit of rain will usually be in the forecast during April.

"The Home of Blues" has more than just Blues and Barbecue. Whether it's wineries or a trolley ride downtown, Memphis is a cultural melting pot to be explored.

The Peabody Memphis

The Peabody Hotel features the world-famous parade of ducks daily at 11 AM and 5 PM. The hotel is located just two blocks from the Beale Street Historic District with blues music clubs lining the street.

The ducks have been associated with the hotel since the 1930s, when the hotel's general manager and a friend decided it would be funny to have some ducks in the hotel lobby's fountain. Having just returned from a duck hunting trip, they happened to have some live duck decoys, which were English call ducks, on them.

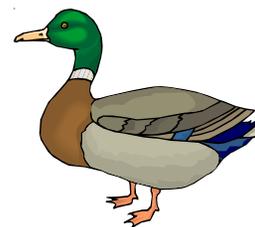
Now, over 75 years later, ducks are still there. The hotel uses mallards now, which are raised by a local farmer. They live in the fountain until they are full grown. According to the hotel, once full grown, they reside in the "Royal Duck Palace" on the hotel's roof. When they retire, they are returned to the wild. No word on whether the ducks were ever asked if they wanted to give up living in the hotel, their cushy digs, or room service.

The hotel isn't all about ducks however. The Peabody Memphis features fine restaurants, such as Chez Phillippe, which focuses on making traditional French cooking blended with Southern ingredients.

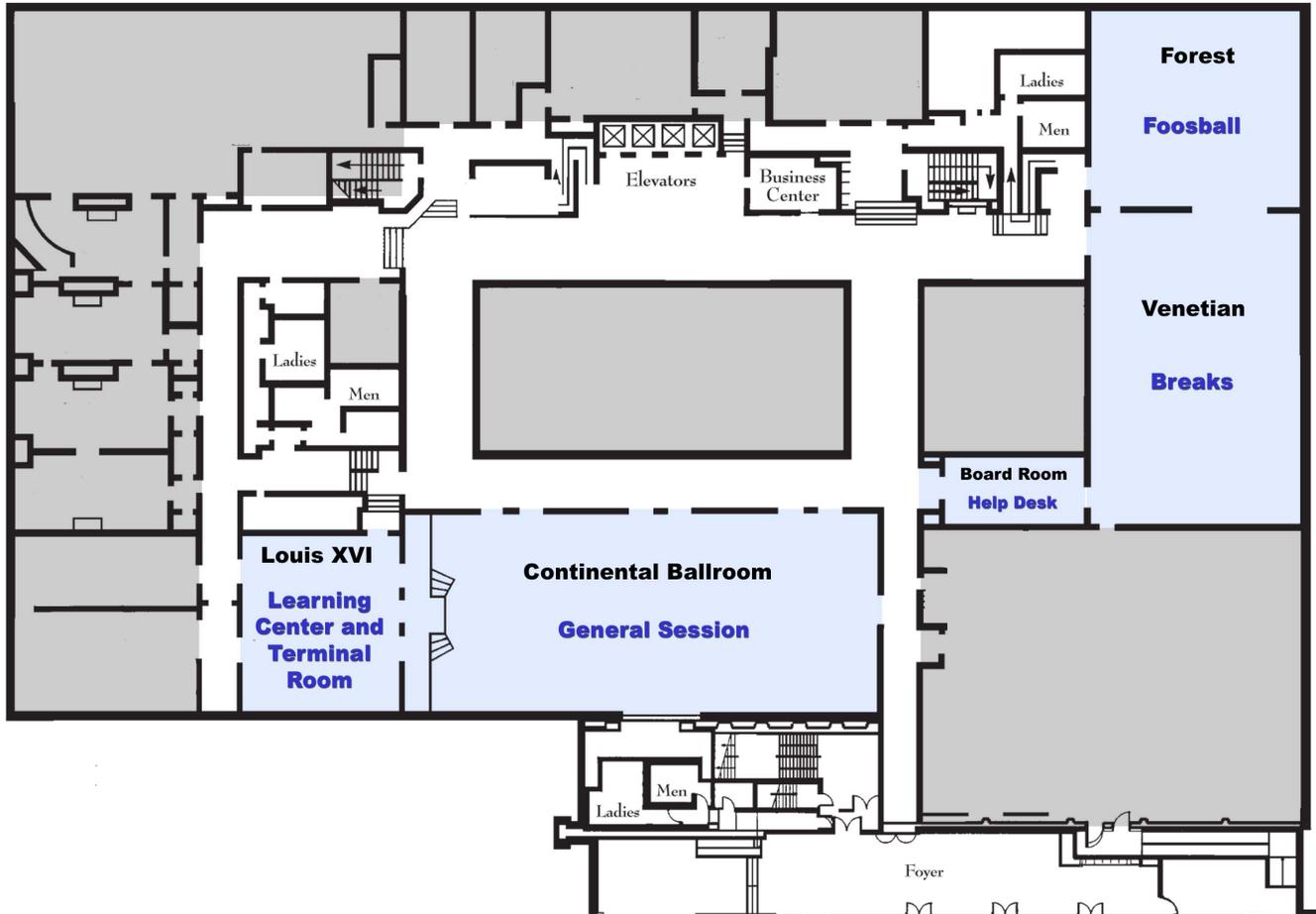
For a touch of Northern Italy, you can also eat at the Capriccio Restaurant, Bar and Grill. This restaurant, which opened in 2002, features an exhibition kitchen, a wood-burning pizza oven, and a seasonal menu.

Finally, there is also the Lobby Bar, named one of the best in the country by *Bon Appetit* magazine. Designed to focus on the famous lobby sculpted Travertine marble fountain, this is an enjoyable spot to relax.

More information about the hotel can be found at: www.peabodymemphis.com/



ARIN XI Floorplan



ARIN's Annual Foosball Tournament



On Sunday, April 6, at 8:00 PM, ARIN will host its 4th Annual Foosball Tournament. Open to all meeting attendees, the four-table tournament is slated to be a team confrontation. You may sign up with a partner, or, if you wish, be paired up with another contender or someone from ARIN's staff. The format will be triple elimination, and play will continue until four teams remain. They will play in the Final Four championship a la single elimination.

Trophies will be awarded to the first-, second-, and third-place winners while a special prize will go to the worst team. An open bar including wine, beer, non-alcoholic beverages, and snack food will be provided during the tournament.

So join us for an evening of fun and relaxation April 6 at 8:00 PM. See you in the finals!



ARIN XI Agenda

Sunday April 6, Tutorials

Time	Agenda Item
12:00 PM	Registration Opens
	IPv6 Mini-Workshop
1:00 PM	Introduction to IPv6
2:00 PM	Implementation Reality Check - Vendor Panel
3:00 PM	Coffee Break
3:15 PM	Implementation Reality Check - Implementers Panel
4:15 PM	IPv6 and the RIRs (Registration and Statistics)
5:00 PM	Adjourn
8:00-10:30 PM	Foosball Tournament

Monday April 7, Public Policy Meeting Day 1

Time	Agenda Item
8:00 AM	Continental Breakfast -- Doors Open
9:00 AM	Meeting Called to Order Welcome Review Agenda Announcements Introductions
9:05 AM	Internet Number Resource Status Report
9:15 AM	RIR and Emerging RIR Updates
10:00 AM	ASO AC Report
10:15 AM	ICANN Update
10:30 AM	Break
10:45 AM	ARIN's Internet Resource Policy Evaluation Process
11:00 AM	RIR Policy Coordination
11:20 AM	RFC 2050 Working Group Report
11:35 AM	2003-1: Human Point of Contact
11:55 PM	2003-2: Network Abuse
12:15 PM	Lunch
1:30 PM	IPv6 Working Group 2003-4: IPv6 Policy Changes
1:50 PM	RIPE 261 Document: IPv6 Address Space Management
2:05 PM	Delegation of 2.0.0.2.ip6.arpa
2:20 PM	2003-3: Residential Customer Privacy
2:40 PM	2003-6: Micro-Assignments with Sponsorship
3:00 PM	Break
3:15 PM	2003-8: End-User to Subscriber Member Status Change
3:35 PM	2003-7: Announcement of New ARIN IPv4 Blocks
3:55 PM	Transfer of 6Bone Address Mgmt Responsibilities
4:20 PM	Open Microphone
5:00 PM	Adjourn
5:15-6:00 PM	Tutorial: Answers to Frequently Asked Questions - RSD
7:00-10:00 PM	ARIN Social: B.B. Kings

Don't Forget to Complete the ARIN XI Survey!

During and after the meeting, don't forget to provide us feedback through our ARIN XI Survey, available at:

www.arin.net/ARIN-XI/survey/

Tuesday April 8, Public Policy Meeting Day 2

Time	Agenda Item
8:00 AM	Continental Breakfast - Doors Open
9:00 AM	Meeting Called to Order Review Agenda Announcements
9:05 AM	Database Working Group Lame Delegation Status Report RWhois Design Team Report CRISP ERX Status Report
10:30 AM	Break
10:45 AM	DBWG -- Continued Proposed WHOIS display changes Authentication
12:00 PM	Lunch
1:30 PM	Key Signing Key Management
2:00 PM	2003-9: WHOIS Acceptable Use
2:20 PM	2003-5: RWhois Server Use Requirements
2:40 PM	2002-2: Experimental Resource Allocations
3:00 PM	Break
3:15 PM	2002-3: Micro-Assignments
3:35 PM	2002-5: Amnesty
3:55 PM	2002-6: Aggregation
4:15 PM	ICANN Reform
4:45 PM	Open Microphone
5:00 PM	Adjourn

Wednesday April 9, Members Meeting

Time	Agenda Item
8:00 AM	Continental Breakfast - Doors Open
9:00 AM	Meeting Called to Order Adoption of meeting agenda Announcements
9:05 AM	Department Reports Business Engineering Human Resources & Administration Member Services Registration Services
9:45 AM	Advisory Council Report
10:00 AM	Board of Trustees Report
10:15 AM	Discussion of Size of ARIN Advisory Council
10:30 AM	Financial Report
10:45 AM	Maintenance Fee Discussion
11:15 AM	Open Microphone
12:00 PM	Adjourn

Last Issue's Crossword



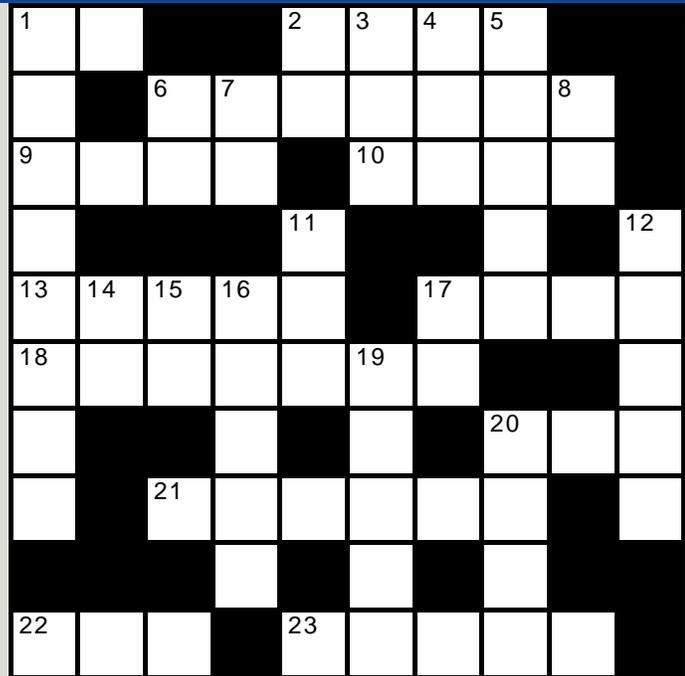
Crossword

Across

1. Former stage name of "Beale Street Blues Boy," now uses initials __
2. Most important chess piece, also last name of 1. Across
6. Type of ducks at the Peabody Memphis
9. Performer at ARIN Social— ____ Wilson
10. Famous Memphis record label
13. Father to Lisa Marie
17. b. 1919, musician ____ Seeger
18. The smallest possible discrete unit of any physical property
20. Jerry ____ Lewis
21. Famous daughter of the Rev. C.L. Franklin
22. Memphis-born Supreme Court Judge, ____ Fortas
23. "Father of the Blues," W.C. _____

Down

1. Memphis style of cooking
2. Kiloliter, abbr.
3. Internet List Server or integrated logistic support, abbr.
4. Translation of an Internet Protocol address used within one network to a different IP address known within another network.
5. Coined "debug", Adm. _____ Hopper
6. 1,048,576 bytes, for short
7. Phonetic spelling of long "a"



8. Intel 486 __ processor
11. Memphis' time zone prior to April 6
12. First Egyptian king, founder of the city of Memphis
14. Country code for Luxembourg
15. Home of ARIN, abbr.
16. Slow to move or act
17. Not A.M., but ____
19. Goes in front of ATA, DMA, and SCSI
20. Air, sea and ____



ARIN Today, a quarterly newsletter, is produced for the ARIN membership and the Internet community. Articles and contributions dealing with IP address issues and technology are welcome from all sources.

Each issue is filled with news highlights, meeting descriptions, policy updates, and information about training and other services ARIN provides its members. Technology news and interesting applications are also covered.

If you have an idea about an article you'd like to submit, or something you'd like to see, please contact the editor at webmaster@arin.net.

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