

Cloud and Open Source Innovation

Rapid Change at Multnomah County

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Taking the long view



http://www.flickr.com/photos/nationallibrarynz_commons/4078338365/

Virtualization and open source and Google and Amazon... oh my

vmware®

Google



Google

Not just a search engine

- Lower email delivery costs
 - 16 exchange servers decommissioned
 - Change in focus of support
 - 25 GB per mailbox
 - Search that works
- Collaboration
 - Organic Docs roll out
 - Google Groups
 - Reduction of MS Office Licenses
- Anytime anywhere access





<http://www.flickr.com/photos/usnationalarchives/4309801312/>

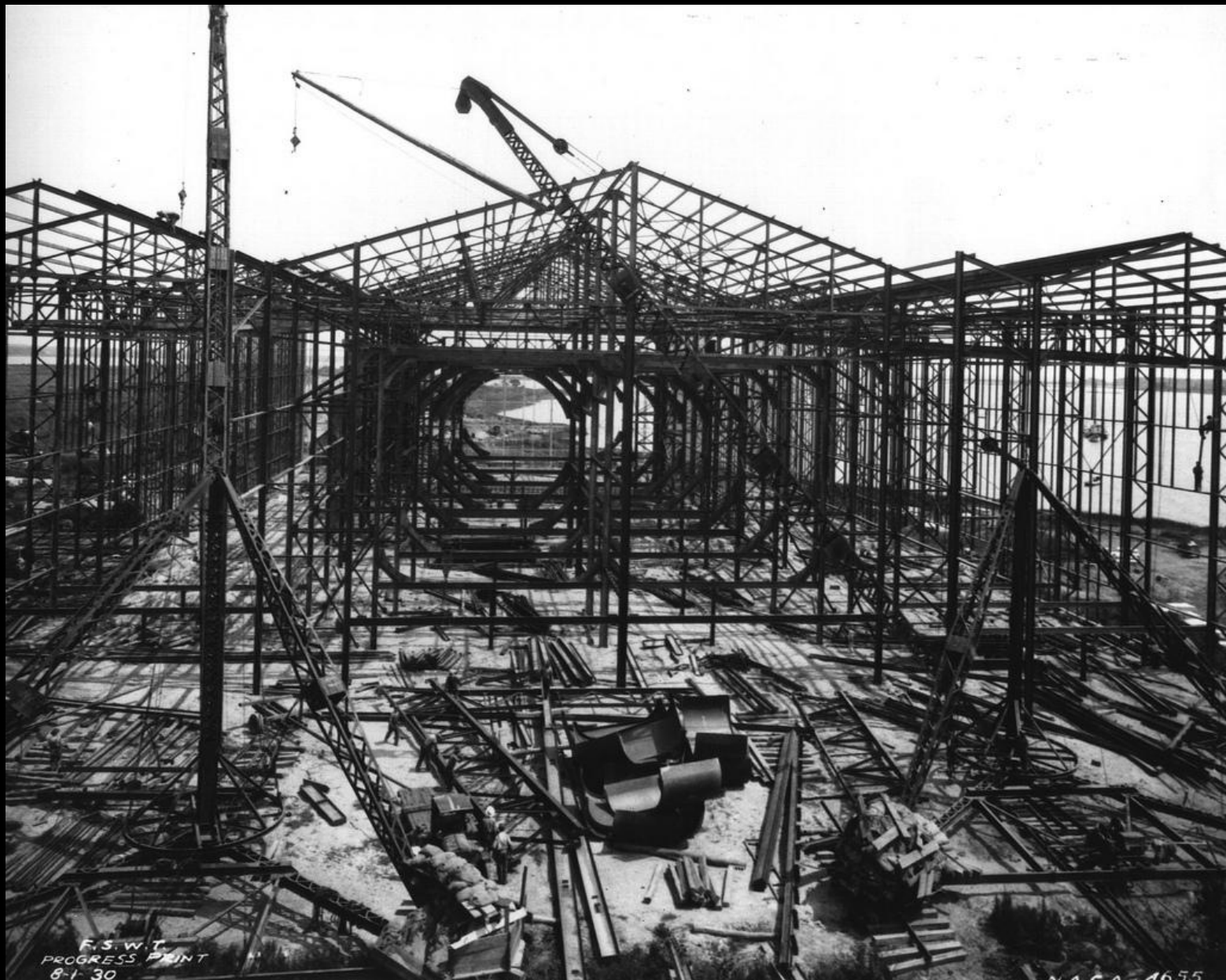


<http://www.denverwater.org/Conservation/UseOnlyWhatYouNeed/PhotoGallery/#49>

Amazon Web Services

- Pay as you go
- Scalability
- Elastic IP
- S3 (Simple Storage Service)
- EC2 Machine images
 - Solutions ready to go

<http://www.slideshare.net/AmazonWebServices/the-total-cost-of-ownership-tco-of-web-applications-in-the-aws-cloud>



<http://www.flickr.com/photos/nasacommons/4861094865/>

Drupal

- Open source
- Used by great sites (whitehouse.gov)
- Huge library of contributed code (modules)
- Portland is a hub of Drupal activity
- Entire platform is on AWS
- LDAP (Active Directory) login
- Dynamic publishing platform

~2.5 years

- Sites

- web.multco.us
- commons.multco.us
- commons.multcolib.org
- multcolib.org (coming December 2012)
- multcopets.org
- multfood.org

- Apps

- gis.apps.multco.us
- bdmc.apps.multco.us
- hal.apps.multco.us
- chartroom.apps.multco.us
- achpchecks.apps.multco.us
- mhasdirma.apps.multco.us
- so.apps.multco.us



- Top Links**
- Animal Services
 - Assessment and Taxation
 - Communications
 - Community Justice
 - District Attorney
 - Diversity and Equity
 - Emergency Management
 - Gang Response
 - Health System Transformation
 - Jobs
 - Marriage Licenses, Passports
 - Sheriff
 - Sustainability

Multnomah County Home

Chair Cogen unveils proposed 2012-13 county budget



Multnomah County Chair Jeff Cogen said Thursday that his proposed budget for the upcoming fiscal year maintains essential services despite the ongoing challenges of a struggling economy.

"The tough economy continues to increase the needs for all too many people in this community," Cogen told his colleagues on the county Board of Commissioners. "But I am happy to report that despite these challenges, this year's budget maintains critical services for Multnomah County residents."

"It does so by doing what we've done in recent budgets: Use the challenges we face to find opportunities to work better – and smarter than before," Cogen said in his budget message to the board. [\[Read more\]](#)

Read: Chair's budget message • **Watch:** Budget message presentation • **View:** Proposed 2012-13 budget

News and Announcements

Multnomah County board recognizes Connected program for its work

Chair & Commissioners

Jeff Cogen

Deborah Kafoury

Loretta Smith

Judy Shiprack

Diane McKeel

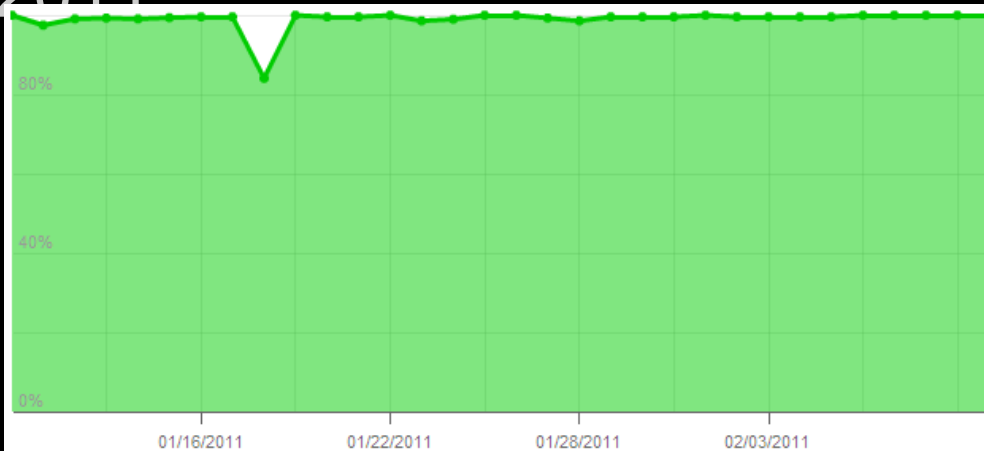


Connect with Multco

Uptime Comparison

No maintenance was planned during this window

Vignette - Public Websites August 2010 through January 2011



Uptime
99.04%

Downtime
7h 9m 20s

Number of downtimes
43

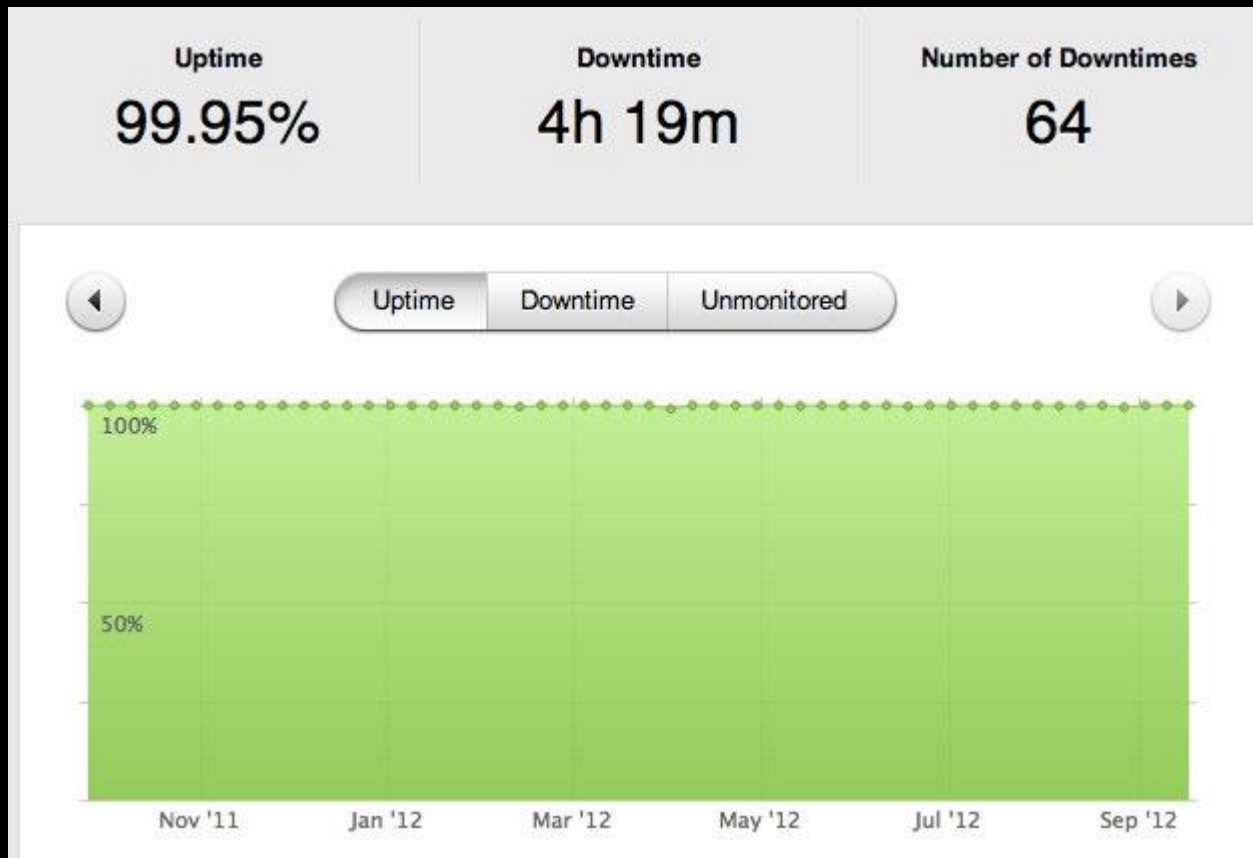
The average downtime length is 9m 59s

The longest downtime was 3h 43m 11s on 01/18/2011 2:09:32PM and the shortest was 47s on 01/11/2011 5:32:45AM

Uptime Comparison

Planned maintenance included in chart below

Drupal - Public Website (past year)





Search

▲ Brand new! Search Commons and the public site simultaneously.

[Commons Home](#)

[All Groups](#)

Departments

Employee Resources

- ▣ [Admin Procedures, Executive Rules, Personnel Rules](#)
- ▣ [Benefits](#)
- ▣ [Building Search](#)
- ▣ [Central Human Resources](#)
- ▣ [Commons Support](#)
- ▣ [Employee Directory](#)
- ▣ [E-Policies](#)
- ▣ [Facilities Work Request Form](#)
- ▣ [Good Government Hotline](#)
- ▣ [IT Support](#)
- ▣ [Payroll](#)
- ▣ [Deferred Compensation](#)

Employee Self Service

- ▣ [Change your Personal](#)

Latest Featured News

Fall fitness classes begin week of September 17, registration now open

posted on Sep 12 2012 - 10:46am

The County Employee Wellness Program offers a variety of fun fitness classes that build strength, promote flexibility and improve endurance. Scheduled offerings include yoga, pilates, circuit training, muscle conditioning, zumba and fit right flexible fitness classes. For more details and to find out how to register for classes, see the [online fitness class schedule](#).



Wellness fitness classes are open to Multnomah County employees, eligible dependents and eligible retirees.

From Response Readiness Coordinator, Luis Hernandez: Making emergency preparedness part of county culture

posted on Sep 10 2012 - 4:10pm

Upcoming Events

September 26

9:00am - 12:30pm [Upcoming Training - Leveraging Diversity, Nurturing Excellence](#)

September 27

3:00pm - 4:30pm [Position Description "How-to" Training](#)

October 10

1:00pm - 3:30pm [Upcoming Training -- Career Management: Using LinkedIn](#)

October 19

9:00am - 11:00am [Upcoming Training -- Write an Effective Resume](#)

October 24

9:00am - 12:00pm [Upcoming Training -- Multco Commons Fundamentals](#)

[View all promoted events](#)

Multco Commons

Creating a community driven intranet

- Blogs
- Comments
- Events
- Collaborative editing

Centralized processes

- Document repositories
- Webforms
 - simple online forms
 - workflow with database backend
 - users can create them with a little training

Name / Job Title / Department	Telephone	Building / Mail Stop	Email	Photo
Bailey, David IT BUSINESS CONSULTANT/SR Dept of County Assets	Work: 503-988-6631 Ext. 86631 Fax: Not Available	Multnomah Building 503/4	David.BAILEY@multco.us✉	
Bartasavich, Lawrence IT BUSINESS CONSULTANT/SR Dept of County Assets	Work: 503-988-6630 Ext. 86630 Fax: 503-988-3368	Multnomah Building 503/4	lawrence.j.bartasavich@multco.us✉	
Brentano, Archie DEVELOPMENT ANALYST Dept of County Assets	Work: 503-988-4646 Ext. 84646 Fax: 503-988-3368	Multnomah Building 503/4	archie.brentano@multco.us✉	
Chai, Xingwu DEVELOPMENT ANALYST/SR Dept of County Assets	Work: 503-988-6040 Ext. 86040 Fax: 503-988-3368	Multnomah Building 503/4	xingwu.chai@multco.us✉	
Chintalapati, Arun DEVELOPMENT ANALYST/SR Dept of County Assets	Work: 503-988-4703 Ext. 84703 Fax: 503-988-3368	Multnomah Building 503/4	arun.chintalapati@multco.us✉	
Hill, Patti DEVELOPMENT ANALYST Dept of County Assets	Work: 503-988-6529 Ext. 86529 Fax: 503-988-5441	Multnomah Building 503/4	pattih@multco.us✉	
Mitchell, Joshua IT MANAGER 2 Dept of County Assets	Work: 503-988-3113 Ext. 83113 Fax: 503-988-3368	Multnomah Building 503/4	joshua.mitchell@multco.us✉	
Posko, James DEVELOPMENT ANALYST Dept of County Assets	Work: 503-988-5015 Ext. 84697 Fax: 503-988-3368	Multnomah Building 503/4	james.posko@multco.us✉	
Schiff, Rachel PROGRAM COMMUNICATIONS & WEB SPEC Dept of County Assets	Work: 503-988-5090 Ext. 25304 Fax: Not Available	Multnomah Building 503/4	rachel.schiff@multco.us✉	



Commons Home

All Groups

Filter by type

Document (63)

Policy (14)

Page (3)

Configure enabled filters

Filter by Group

No group (4)

Health Department (17)

Administrative Procedures and Executive Rules (11)

Accounts Payable (5)

Internal Controls and Documentation (5)

Multnomah County Personnel Rules (5)

ASD BAT (4)

DCJ Policies and

Commons Search

Search

Search results

Document



Retention of Public Records (doc)

Group: [Administrative Procedures and Executive Rules](#)

records may be **destroyed** only by authorization of the State Archivist. This applies to all public records ... records" for retention or archiving purposes and may be **destroyed** without State Archivist authorization. ... and may be **destroyed**: Records of inquiries and requests for information and the answers unless a law ...

Document Page: [Retention of Public Records](#)

Last updated: Apr 12 2012 - 9:36am by [Stacey Anderson](#)

Policy

Mental Health and Advanced Directives

Group: [Mental Health and Addiction Services](#)

Directives and/or Mental Health Directive review them at regular intervals (maximum 5 years) and **destroy** ... Directive and/or Mental Health Directive they should **destroy** their copy and inform their provider ... to this effect by the individual concerned whether written or oral. Any copies held should be **destroyed** ...

Last updated: Aug 29 2012 - 3:37pm by [Thomas Bialozor](#)

Public site search Results

[Northeast Portland Black History Month lecture to explore how Emanuel Hospital's expansion destroyed a neighborhood.](#) expansion **destroyed** a black neighborhood in Northeast Portland in the 1960's and 1970's. Included in the 25 ...

[Field Services Retention Schedule \(AC4\)](#) and bail. Retention: Levels 1 through 4 violations: **Destroy** upon declassification or death of dog; ... incidents: **Destroy** upon declassification or death of dog; Dangerous dog incidents: retain 6 years after date ... Retention: Levels 1 through 4 infractions: **Destroy** upon declassification or death of dog; Dangerous dog ...



[Retention of Public Records](#) of public records. c. Public records may be **destroyed** only by authorization of the State Archivist. ... are deemed not to be "public records" for retention or

MULTNOMAH COUNTY LIBRARY



Search





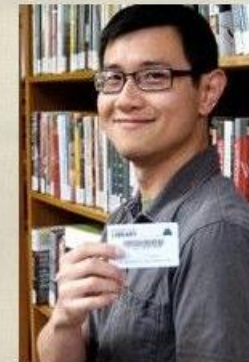
Get a library card

Your Multnomah County Library card opens the door to a world of information and entertainment: books, e-books, movies, music downloads, CDs, audiobooks, online newspaper and magazine articles, library computers, museum passes and more. **Library cards are free to residents of Multnomah County and many outlying areas.**

New to the library? Get a library card!

Library cards are free to Multnomah County residents. You can get a library card at any library location or online.

- Please bring valid photo identification to register. If you registered online, you will be asked for ID at your first checkout.
- If you are ages 13-17, you can show ID or have a parent or guardian sign for you.
- A parent or guardian must sign for anyone under age 13.
- Are you an educator? Teachers and educators may apply for special library cards to be used for educational purposes.



Related

- [Manage my account](#)
- [What you should know about your library card](#)
- [Fines and charges](#)
- [Educator library cards](#)
- [Library cards for non-residents](#)

Using the library

- ▾ [Get a library card](#)
- [Sign up for a library card](#)

◦ [How to borrow](#)





<http://www.flickr.com/photos/usnationalarchives/5589769776/>

Moodle



- Learning Management System (LMS)
- Did we mention open source?
- Rolled out with less than 75 hours of development
- LDAP authentication for three domains: County, Sheriff and District Attorney

FIELD DAY-BKLYN P.S. CHILDREN-END 100 YD. FINAL

2812-14

