

Yes. We are a Novell District. Want to know why?

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CETPA
CONFERENCE
PASADENA, CALIFORNIA

Your Presenters

Matt Woods – Executive Director, Technology & Information Services, Long Beach Unified School District

Brian Six – Senior Sales Engineer, Novell North America

Why am I here?

I often hear the question, “You still run Novell?”

Yes. I do. Why wouldn't I?



And “Are you planning on converting to Windows?”

No. Why would I? What would I gain?

What is the premise?

This question is based on the idea that adopting Microsoft is “Best of Breed”



But this premise is false

If we all used Best of Breed then we would be standardized on Solaris/Linux, Heat, SolarWinds, IBM & Cisco. Single vendor sourcing is not Best of Breed. Does this describe your environment?

All decisions are compromises. We make the best decision we can at the time that we make them given the constraints of the problem we are addressing.

Therefore

So, in reality, we all run multi-vendor environments.

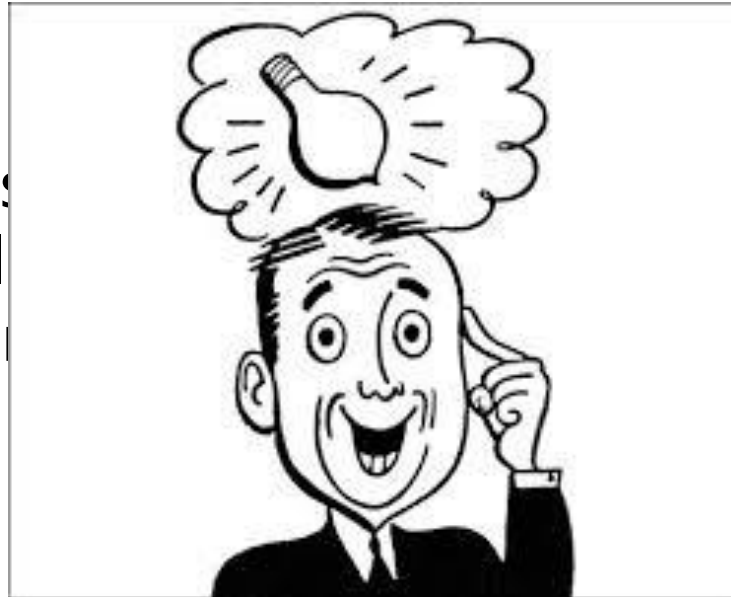
Our solutions are integrated. A mixed bag



Why wouldn't Novell be considered alongside all other products?

Integration

The Question:
Active Directory vs
Windows vs Novell
SMS vs Zen vs Third



Should really be:
Active Directory AND eDirectory AND OpenDir
Windows AND Novell AND Apple
SMS AND Zen AND Third Party products

Novell?

Novell provides:

- A mature, stable and fast operating system
- The most developed directory available
- A full featured email system
- And an integrated suite of other products



Long Beach USD

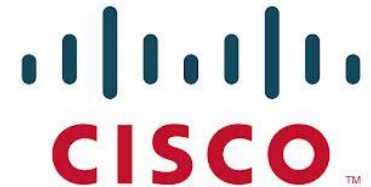
So does that mean LBUSD uses every Novell product on the market and only Novell products?

Of course not.

Novell is a valued, strategic partner – but one of many

We make decisions based on what is best for the District in the long and short term

Novell



Long Beach USD

Let's take a look at the LBUSD environment



95 schools with 120 total locations

83,000 ADA and 8,000 FTE

200 servers

Long Beach USD – What ya got?

- All students and employees have personal logins
- All students and employees have personal (Home Directory) storage
- All students and employees have email
- Email is available on SmartPhones and tablets
- All file access is available inside and outside the district
- Dynamic logins available of WindowsXP, Windows7 and Mac OS/X
- Network enforced security and policies
- Remote and automated application delivery
- Secure & authenticated BYOD wireless access

Long Beach USD

The core of the LBUSD network is eDirectory – Everything is maintained here ... but it exists elsewhere as need!

We use native eDirectory applications and LDAP aware applications (This covers about everything)

What about AD? We have that too (mostly for wireless). Why not? Synchronization is free



Long Beach USD – What's Running?

NetWare/OES servers
Windows Server 2K3/2K8
Apple OS/X Servers
Linux DNS servers
Zenworks (ZCM)

Windows IIS web servers
Nagios network monitor
Cacti WAN monitoring
SQL server
Oracle databases

GroupWise email
NetMail
GroupLink eHelpDesk
Stoneware portal
Synergy – LDAP to eDir
Destiny – LDAP to eDir
DataSync – Smartphones



Long Beach USD – Environment

We ARE a mixed environment

And obviously Novell plays well in a mixed environment

What are missing out on?

Nothing

In fact, I would argue that we are often ahead of the curve in technology implementation

Long Beach USD – Challenges

The biggest challenge running Novell
... finding trained engineers!

Many people started their careers with
Novell but abandoned it for Microsoft

In Supply & Demand, the market drives
demand. WE ARE THE MARKET!

Good (& great) engineers are out there.



Long Beach USD – Change?

What is the cost of change?

What is the Cost/Benefit analysis?

$$f'(x) = \lim_{\Delta x \rightarrow 0} \frac{f(x + \Delta x) - f(x)}{\Delta x}$$

Hundreds of servers & 100,000 users = Years and millions of dollars.

How much training could I do with that much time & budget?

Long Beach USD

Is LBUSD a Novell District?

You bet we are

But this is only the tip of the Novell iceberg