

NAV 2013: Extending Reach SharePoint, Web Client and Cloud

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Session Objectives

- Show you how to - Extend the reach - of your Microsoft Dynamics NAV application
- See the NEW Microsoft Dynamics NAV client types in action
- Give you insight on the new and exciting integration capabilities of Microsoft Dynamics NAV 2013



Key takeaways

- Microsoft Dynamics NAV 2013 offers some fantastic new deployment and user opportunities
- The Microsoft Dynamics NAV Portal framework for Microsoft SharePoint is a great technology and very customizable
- Microsoft Dynamics NAV 2013 will enable you to get more value out of your Microsoft solutions



Clients in Microsoft Dynamics NAV 2013

Clients for your needs – The choice is yours

Microsoft Dynamics NAV 2013 will complete the Microsoft Dynamics NAV 2009 Architecture



Microsoft Dynamics NAV 2013 Functional Paradigm

Windows Client

**SharePoint
Client**

Web Client

Clients in Microsoft Dynamics NAV 2013

SharePoint Client



Solution

- Microsoft Dynamics NAV Web Parts on Microsoft SharePoint
- Microsoft Dynamics NAV Pages in Microsoft SharePoint Web Parts Connected to other parts
- Microsoft Dynamics NAV business logic on Microsoft SharePoint



Integration into Microsoft SharePoint

- Take advantage of the business productivity benefits in Microsoft SharePoint
 - Microsoft SharePoint Workflows
 - Microsoft SharePoint Search through Business Connectivity Services
 - Microsoft SharePoint Workspace
- Microsoft SharePoint authentication and scalability
- Microsoft SharePoint Extranet



Themes & Branding

- Microsoft SharePoint Visualizations and Stylesheets
- Capitalize on Branding Investments

Clients in Microsoft Dynamics NAV 2013

Web Client



Solution

- Microsoft Dynamics NAV Pages and Reports shown in a web browser
- The Web Client is a lighter version of Microsoft Dynamics NAV in a web browser - also available on Windows® Azure™
- Microsoft Dynamics NAV business logic in a web browser
- Limitations compared to the full Windows Client
- Zero Deployment
- Functional support for multiple browsers on different devices
- Realize more value from your technology investments



Usage

- One-click into Microsoft Dynamics NAV
- Simplicity
- Cannot change the language, company, or work date
- No special training required
- No Departments, Page search, Navigate Page
- Give users new ways of accessing relevant data and information in Microsoft Dynamics NAV

DEMO

NAV 2013 W1

A look at the web client



Your demo will begin shortly...

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Configuration and Deployment

Deployment

All based on the same backend
Only one Microsoft Dynamics NAV Development Environment
No extra deployment—Lower implementation costs

Software requirements

Microsoft Internet Explorer® 8 and later, and other browser types
Microsoft SharePoint Foundation 2010 and IIS 7
Windows Server 2008 R2

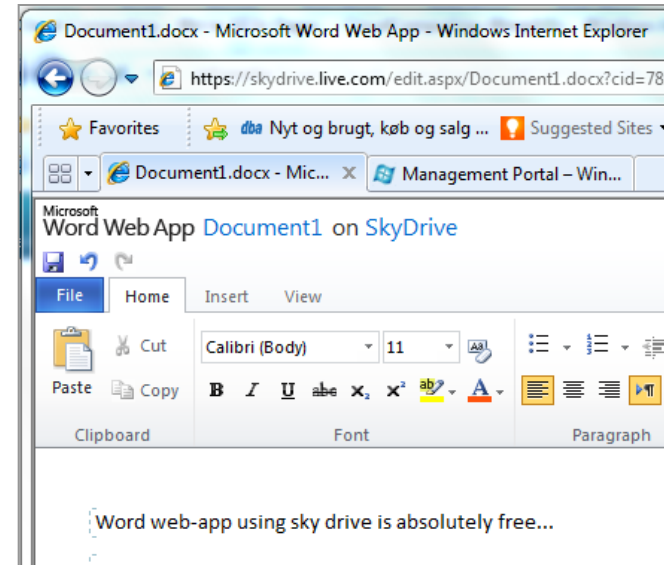
NAV 2013 and Windows Azure

Why Azure? "We are all in"...

Why the cloud? Why Microsoft? Make a change. With the promise of lower costs, increased efficiencies and new types of business opportunities many of our customers and the industry at large are excited about "the cloud". Cloud computing offers a unique opportunity for Microsoft to highlight our experience, our commitment and our leadership to our customers.



Office 365
Office web applications
Windows Azure, SQL Azure
Microsoft, own and 3. party Hosted Services
Hosted datasets
Statistical data/reports on demand
Dynamics online
CRM
Developer tools
Local Fabric

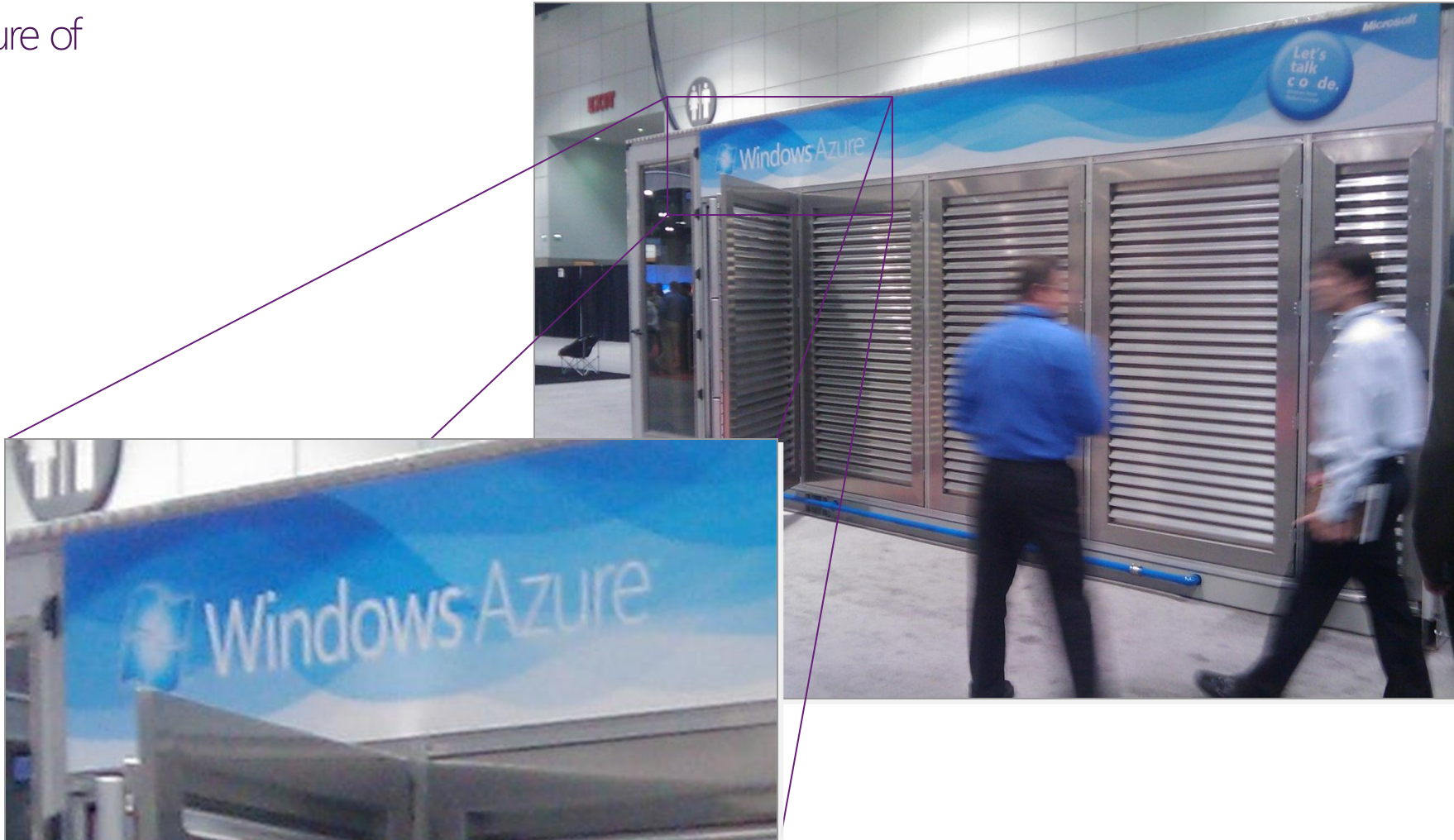


NAV 2013 and Windows Azure

What is Azure and SQL Azure

Ever seen a picture of
"an Azure"?

Now you have...



What is Azure

“Windows Azure is Microsoft’s cloud services platform, designed to host web services and applications in Microsoft-owned, Internet-accessible data centers.”

Technical demystification:

Rack of computers running (a modified) Server 2008 R2

Hyper-V offering many VM’s per physical computer

Storage Service offering reliable/redundant storage through either API or mapped drives

Fabric controller offering replication, scaleout and management (this is where the difference lies)

What is Azure



7 Datacenters around the world

Chicago:

700,000 square feet

Room for 150+ containers

2,000 servers per container

11 diesel generators supplying 2.8 megawatt of power



Azure storage and SQL Azure

Azure comes with "Azure storage" which is a simple key-to-BLOB storage

It is the preferred way of storing data you want to keep, fully replicated to avoid data loss

It is not a relational database

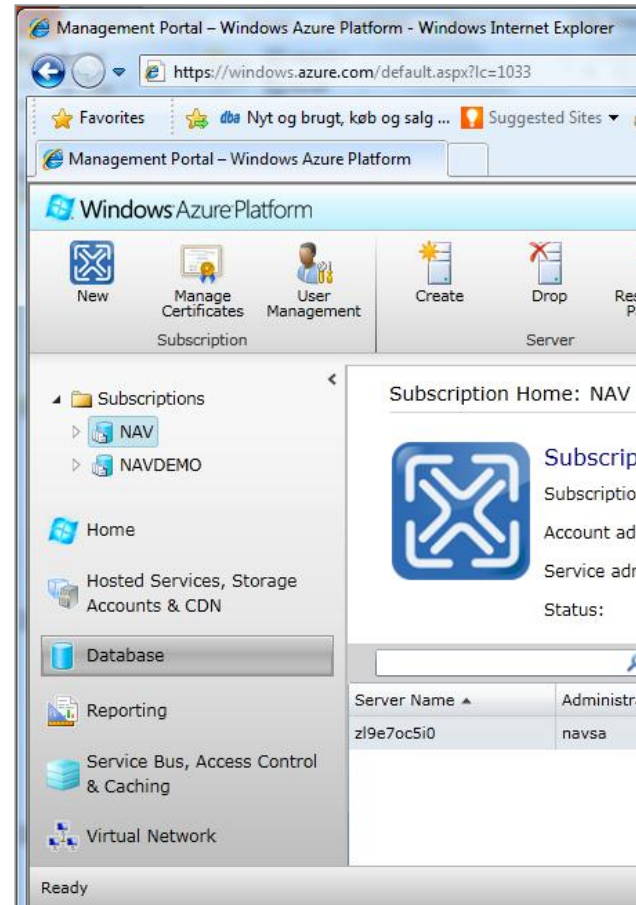
SQL Azure

Think shared SQL database on Azure

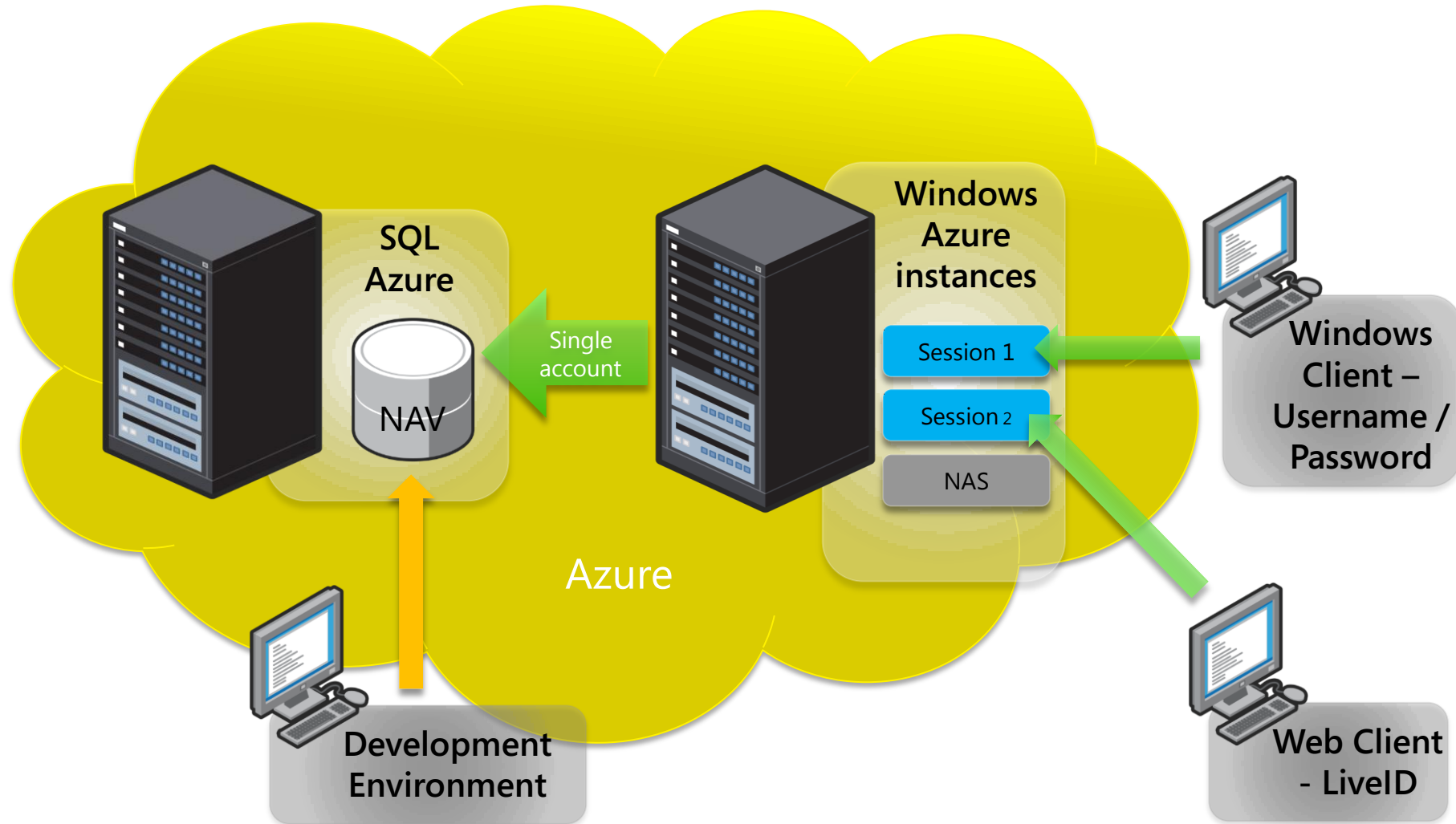
Fully supports joins, tables, views etc

Full management support from WEB, SQL management studio and VS

Fully replicated



NAV 2013 on Azure



NAV 2013 and Windows Azure

Accessing Dynamics NAV through the Cloud

- NAV 2013 can be set up as IaaS
- Infrastructure as a Service
- NAV functionality in a VM
- Requires a Windows Azure account
- Create an endpoint for access

DEMO

NAV 2013 W1

Lets go to the Cloud!



Your demo will begin shortly...

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What We Have Seen Today

DEPLOYMENT OPPORTUNITIES IN MICROSOFT DYNAMICS NAV 2013

Web Client

Have a "lite" Microsoft Dynamics NAV with zero deployment

SharePoint Client

- Microsoft Dynamics NAV for customers with Microsoft SharePoint

The NAV portal framework "contains" the Web Client functionality

- It provides additional integration with Microsoft SharePoint
- It is a toolkit meant to be adapted to existing or new Microsoft SharePoint installations

NAV 2013 on Windows Azure

- Microsoft Dynamics NAV for customers with business software on cloud

Conclusion

Microsoft Dynamics NAV 2013 offers fantastic opportunities in terms of Extending the Reach, in terms of deployment and in giving you more value from your technology investments!

- **Three complementary deployment options** in Microsoft Dynamics NAV 2013
- **Build customized scenarios on Microsoft SharePoint** through the Microsoft Dynamics NAV Portal framework for Microsoft SharePoint
- **Anywhere access with Zero deployment** through the Web Client

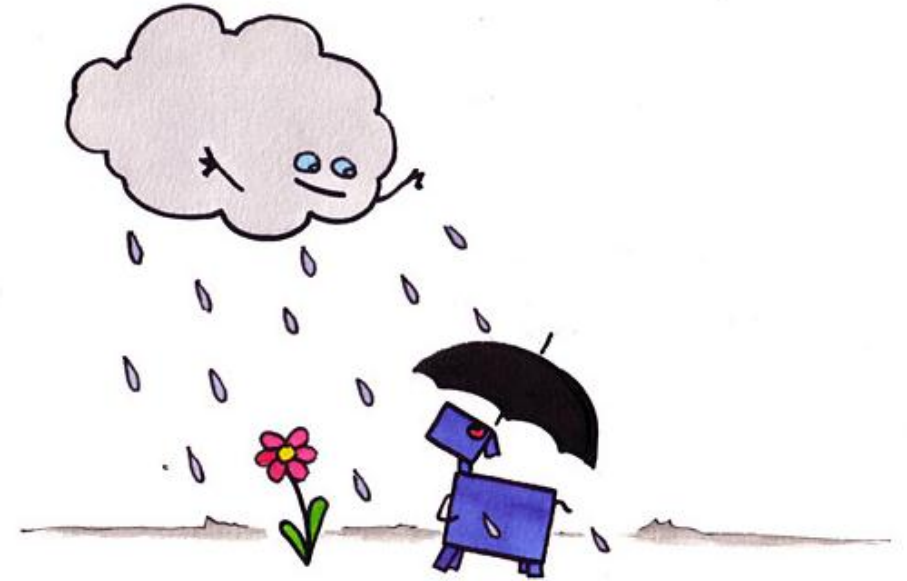
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Thank you!

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THANK YOU