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William Liu – Senior Partner

Zakeer Cader – Technical Area Specialist
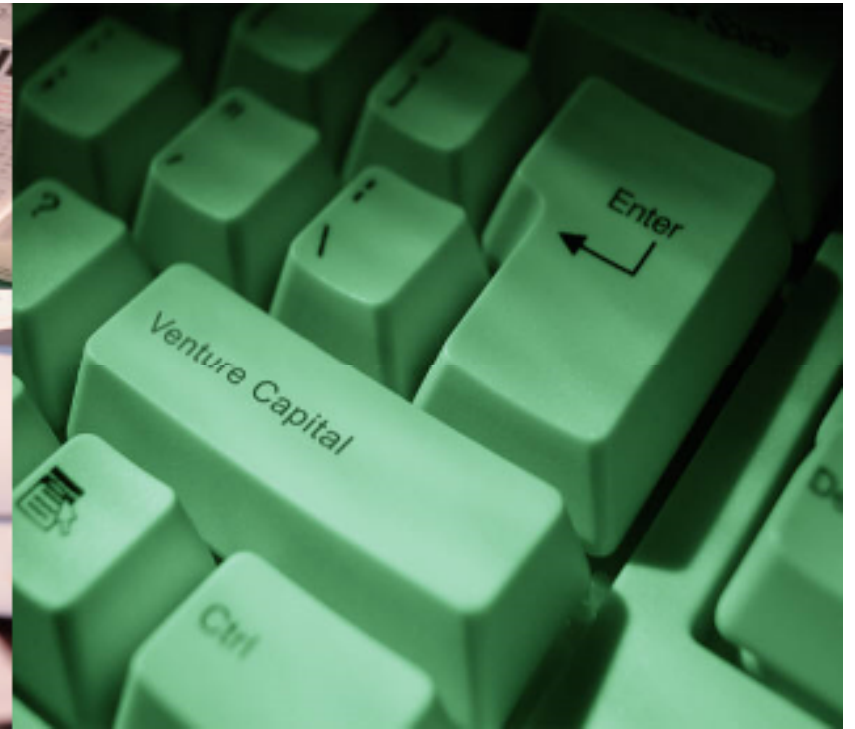
iSP³ – who are we?

iSP³'s ERP solution
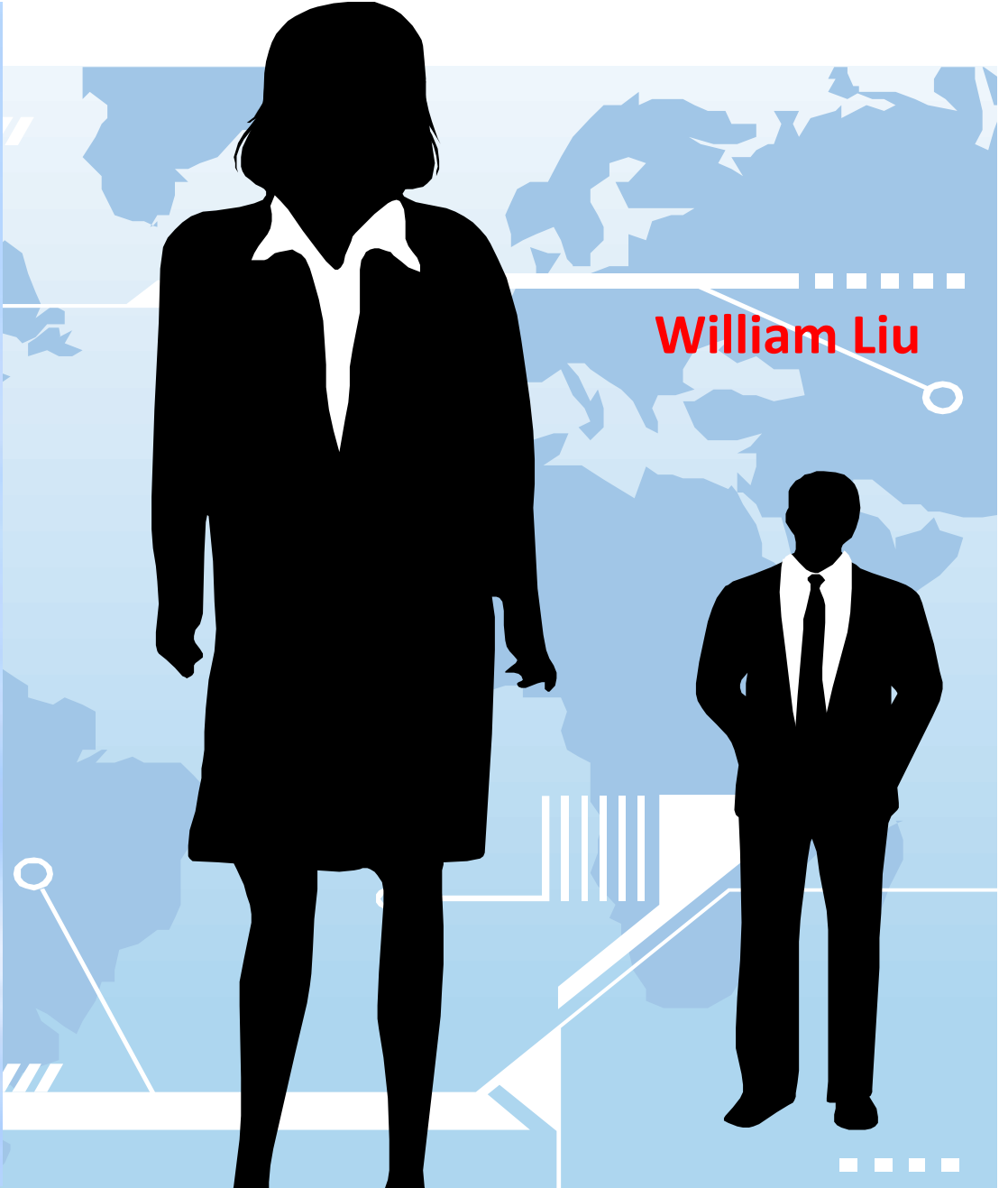
Why Cloud?

JDE Cloud Technology Infrastructure and Valuation

Migration Path

Support

Who is iSP³?

William Liu

Anne Hopping

Implementation
Training
Support
Accelerate

iSP³ is Also a

643% growth from Year 1 to Year 5

1114% growth from Year 1 to Year 7

Purchased JDE in 2008

30 users

GL, AP, Job Cost, Service and Contract Billing, Time Entry

Hosted Servers in Toronto

Started on E8.11 and migrated through every release E8.12, E9.0, E9.1

Currently upgrading to E9.2

Migrating to the Cloud

Estimated Cost Savings of > 40% by Migrating to the Cloud

JD EDWARDS Cloud

99.5% Up Time

**Less Than
99.5% Up Time**

Metered: Extra capacity available on-demand

	OCPU	Full Compute / Month	PaaS + Compute / Month
Database Server	4	$297.60	$2,796 (DB SE)
Deployment Server	2	$148.80	$148.80
Web Server	2	$148.80	$900 (Java SE)
Enterprise Server	2	$148.80	$148.80
Workstation	2	$148.80	$148.80
VPN Corente Server	1	$74.40	$74.40
Block Storage (4tb)	---	$200	$200
I/O Costs		$30	$30
Monthly Total		$1,197.20	$4,446.80

Non-Metered: No scaling, fixed environment

	OCPU	Full Compute / Month	PaaS + Compute / Month
Database Server	4	$300	$1,200 (DB SE)
Deployment Server	2	$150	$150
Web Server	2	$150	$450 (Java SE)
Enterprise Server	2	$150	$150
Workstation	2	$150	$150
VPN Corente Server	1	$75	$75
Object Storage (1tb)	---	$30	$30
Block Storage (4tb)	---	$200	$200
Oracle Database Backup (1tb)	---	---	$33
Monthly Total		$1,205	$2,438

How are we doing it?

Hosting Data Center

Server farm

E9.1 Servers

- Oracle DB
- Deployment Server
- HTML Server
- BIP/AIS/BSSV

- 5 Environments

Upgrading →

E9.2 Servers

- Oracle DB
- Deployment Server
- HTML Servers
- BIP/AIS/BSSV

- 8 Environments

- Started - April 2016
    - Subscribed to Oracle Cloud with 4 oCPUs
    - Installed JD Edwards EnterpriseOne Trial Edition
    - Ready to Use - Complete Deployment – 4Hrs

- Challenges
    - Not upgradable
    - Not Production Ready
    - No Option for Deployment Server
    - Not Scalable

- Next Step - May 2016
    - Sizing for Production – 13 oCPUs (Metered)
    - Evaluate the Deployment Options.
    - Handcrafted all servers (Windows 2012/Linux 6.7) **
    - Installed Multitier JD Edwards EnterpriseOne E9.2 with 8 Environments.
    - Migrate Oracle Databases from Hosting Servers to the Cloud.
    - Time line – 3 to 4 weeks.

- Challenges
    - E9.2 wasn't available in Marketplace.**

ORACLE®
CLOUD

Deployment Options

- Use Server Images – Pre-built JDE Servers (Oracle DB/Linux OS)

ORACLE® Cloud Marketplace

- Combine Server Images with PaaS

Oracle Java Cloud Service.

ORACLE® Cloud Database as a Service

- Handcraft your Servers and Environments – Platform of your choice (Oracle DB, SQL Server DB, Windows OS, Linux OS)

- Upload your own server image to the Cloud

Migration Options

Oracle JDE Releases in Marketplace

- JDE E9.1.2

  (DEP/DB/ES/SM/HTML)

- JDE E9.2

  (DEP/DB/ES/SM/HTML/AIS/OVR)

All Images are build in Oracle Linux Platform with Oracle Database and Windows 2012R2 Deployment Server

Security Considerations

Review JDE Security (P98OWSEC)

Default **Password**

1. Enter a '1' to default the User Id into the password field.

×

-or-

Enter in the password you wish to use for all users.

Note: If the user already has a security record the password off that record will be used on all additional records regardless how the above option is entered.

2. Enter in the default Change Frequency.

21

3. Enter the number of sign-on attempts a user is given prior to being disabled.

3

4. Enter if a new user is to be defaulted as enabled or disabled.

01

5. Enter a '1' to force immediate password change of new users.

1

Default **Password**

1. Enter the daily password change limit that will be applied to all users when attempting to change a password. If this field is 0 or is left blank, there will be no limit on daily password changes.

×

2. Enter the minimum password length that is to be used when users attempt to change a password. If this field is 0 or is left blank, the password will not be checked for a minimum length.

4

3. Enter the minimum number of character that must be used within a password. If this field is 0 or is left blank, the password will not be checked for characters.

0

4. Enter the minimum number of numerics that must be used within a password. If this field is 0 or is left blank, the password will not be checked for numerics.

0

5. Enter the maximum number of consecutive characters that can be used in a password. If this field is 0 or is left blank, the password will not be checked for consecutive characters.

0

6. Enter the minimum number of special characters that must be within a password. If this field is 0 or is left blank, the password will not be checked for special characters.

0

Security Considerations

- Secure the environments with SSL Certificates

- 2-Way SSL Certificates – for Smaller User Base

- Cloud VPN

VPN for Oracle Compute, Database, and Java Cloud Service Instances