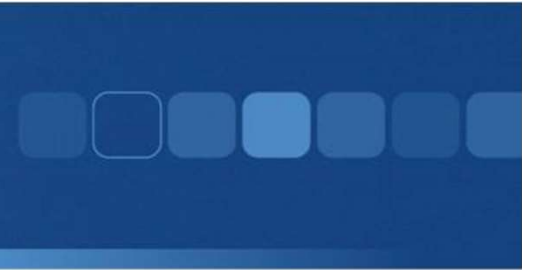




utoug training days
march 13-14, 2017
salt lake city, UT
utah oracle users group



Moving to the Cloud?

Here's some things to know first...

Andy Jorgensen

March 13, 2017, 1:30 pm - 2:30 pm



Enough about you. Let's Talk about me...

Andrew Jorgensen

Senior Partner –



25+ Years experience with EPM / BI / Analytics

Former President of OAUG Hyperion SIG



- What Type of Cloud Are You?
- Training your Users
- Integration!
- Accessibility
- Zen and the Art of Cloud Security
- Backup and Recovery
- Lessons Learned

What Type of Cloud?



On-Premise



Hosted



SaaS



Managed Svc



Packaged

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	On-Premise	Hosted	SaaS	Managed Svc	Packaged
Training	Training	Training	Training	Training	Training
Build	Build	Build	Build	Build	Build
Admin	Admin	Admin	Admin	Admin	Admin
Data	Data	Data	Data	Data	Data
Software	Software	Software	Software	Software	Software
Servers	Servers	Servers	Servers	Servers	Servers
Storage	Storage	Storage	Storage	Storage	Storage
Networking	Networking	Networking	Networking	Networking	Networking





- More and more solutions are offering generic video training and build tooltips into the product.
 - Don't assume this is good enough. It is important to train to YOUR application and business processes.
- Usergroups exist for every platform, but SaaS models seem to have high participation rates.
 - Application commonality or sheer number of users.
- Self-paced learning is your best bet for large userbase deployments.
 - Companies have offered perks/rewards to employees for completing self-paced training.



- Oracle FDMEE Optional with PBCS
- Most solutions offer simple ETL via TXT and CSV. You CAN use the API to build your own.
- Informatica, Mulesoft, and Jitterbit all trying to deploy cloud-based enterprise solutions.
- Meanwhile – Data Volumes are EXPLODING.
 - How to handle exceptions and inaccuracies?
 - Data Lineage, Visability, and Quality are suffering
 - Oh, and there's that Big Data thing too...
- Master Data Management options are limited

Oracle PBCS example

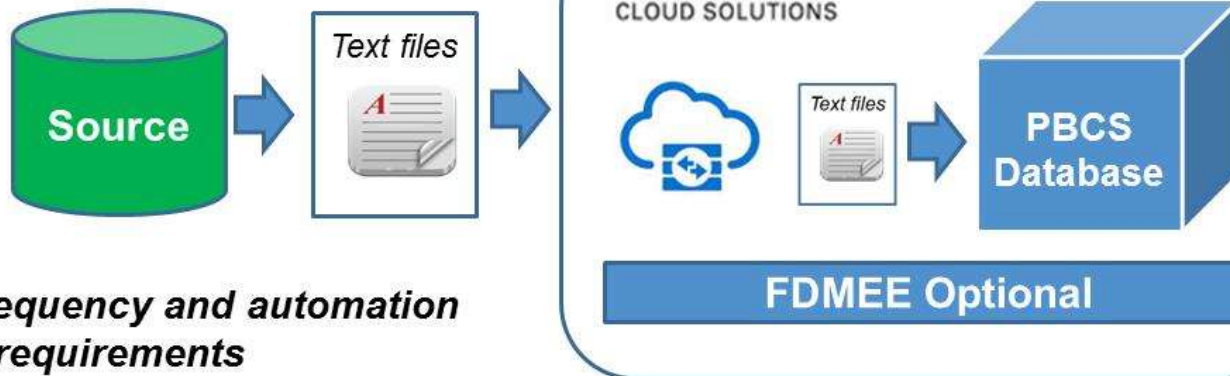
On Premise

Direct Integration



PBCS

Indirect Integration



Consider frequency and automation requirements



- Consider an Identity and Access Management (IAM) solution. Oracle plus many others.
- If sensitive data - Consider limiting the hours the application is available. Or Alerts.
 - With exceptions, like budget and forecast deadlines.
- Look for strong authentication standards for **multifactor authentication** and passwords.
- Strongly consider a front end access portal that uses on-premise authentication

BloombergTechnology ▼

Hackers Found Selling Access to 70,000 Company Computer Systems

Hackers Found Selling Access to 70,000 Company Computer Systems

by Ilya Khrennikov

June 15, 2016, 5:00 AM MDT Updated on June 15, 2016, 5:50 AM MDT

- Hackers created online marketplace selling cracked data
- Criminals used forum to organize attacks, steal information



- Select a provider that adheres to the Cloud Security Alliance best practices
 - SOC Level II Audit Compliance
- Strong Encryption – with keys in your house.
 - Dedicated VPN's are popular, use Firewalls to protect against Man-in-the-Middle / Java intrusions.
- New User Policies. Training Pre-Requisites.
 - Don't just train on the product / solutions security
Train specifically on Company Online Security
- User Provisioning – Modify Access as roles change or people leave the company.
- Comprehensive access reviews periodically.



- Find out what your Service Level Agreements are with Cloud Providers. Test. Don't Assume.
- Mission Critical? – Make local backups of apps or extracted data. Avoid Cloud to Cloud backup.
 - And store them offsite for business continuity.
 - Worst case, you can spin one up on AWS/Softlayer
- Cloud Backup Services – are great for personal data, not quite there yet for the Enterprise.
 - Several Blockchain startups may change all that.



- The Cloud is a powerful solution. You can use on-demand to scale up to performance needs.
- Trade is: Cost-effectiveness for limited power
- Don't skimp on security or integration
- Cloud-based MDM / Backup are in infancy
- More and More feature and function is coming – so if you're not ready now, future offerings will only be better.



For Questions or More Information...

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