

# DB2 BLU Acceleration for the Cloud Workshop

<http://bluforcloud.com/idug/index.html>

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*IBM*

Seminar workshop at Camelback hall Sheraton Phoenix

Friday May 16<sup>th</sup>, 2014 – 8:00 AM – 2:00 PM



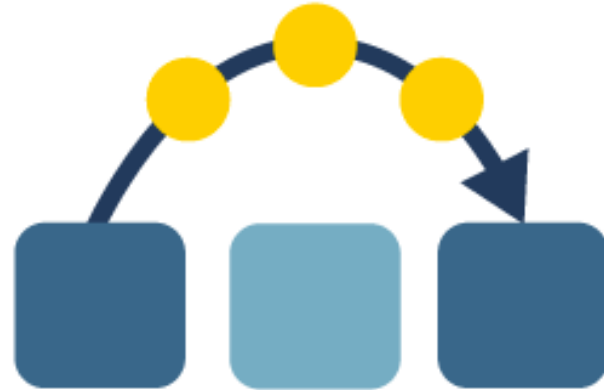
## Data Warehousing in the Cloud – easy and simple

- Easy to procure and provision
- No upfront costs – pay as you go
- BLU Acceleration performance at very low price
- Integrated suite of Cognos BI tools for heavy duty reporting
- Integrated R and R-Studio for statistical analysis and plotting
- Open and flexible with external BI tools support



## BLU Acceleration for the Cloud dramatically reduces I/O

- Column oriented storage
- Actionable compression
- Core friendly parallelism
- Vector processing (SIMD)
- Scan friendly caching
- Data skipping



## BLU Acceleration for the Cloud is highly secured

- SSL to secure data in transit
- AES-256 bit (hardware accelerated) native encryption for data in rest (manage in web console)
- Master key security option in the object storage
- Guardium Auditing capability built in the web console
- Complies with corporate security guidelines
- Read more about native encryption:  
<http://bluforcloud.com/2014/data-security-cloud-part-6-conclusion/>

## BLU Acceleration for the Cloud is designed for multi-user

- Add/delete users
- Modify user passwords
- Assign privileges to users
- Create and share analytic reports with other team members



## BLU Acceleration for the Cloud loads data from S3, Swift, or local

- Load data directly from public or private S3 object storage
- Load directly from Swift object storage
- Load data from your laptop or cloud instance file system
  - we explore your csv / xls file and create schema and load data
- Load data directly from gzip

## BLU Acceleration for the Cloud syncs data directly from Cloudbant

- Load Cloudbant NoSQL database files directly to BLUAcceleration for cloud
- Sync data with one click

Sync data from Cloudbant into a database table for BLU Acceleration for Cloud

### Source Details

Cloudbant DB URL

Username


Password

### Target Details

Table Name

Start Sync

### All Syncs

<div>Stop Sync Restart Sync Delete Sync</div>					
Cloudbant URL	Username	Table Name	Status	Message	
No items to display					

## BLU Acceleration for the Cloud comes with monitoring features

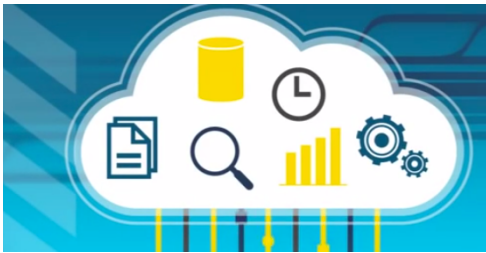
- Monitor application connections
- Monitor SQL statements
- Monitor warehouse utilities (Load/backup/Restore)
- Monitor database storage
- Monitor system statistics
  - Last provisioning time and total uptime
  - CPU and memory info
  - Database space utilization
- User activity log
- Allows user to track bundled software entitlements



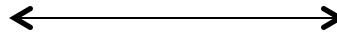
## BLU Acceleration for the Cloud backs-up data to S3/Swift

- Allows backups to Amazon S3, Openstack Swift or instance file system in continuous or incremental mode
- Allow restore from S3/Swift or instance file system

## BLU Acceleration for the Cloud works with your existing analysis tools



JDBC/ODBC



**SPSS**<sup>®</sup>

 **tableau**<sup>®</sup>  
S O F T W A R E

JASPER SOFT

**R** Studio

And Many more..

## BLU Acceleration for the Cloud comes with Industry warehouse models

- Industry specific expertly engineered schema to get you started quickly
- Customer Insight
- Market and Campaign analysis
- Supply chain management

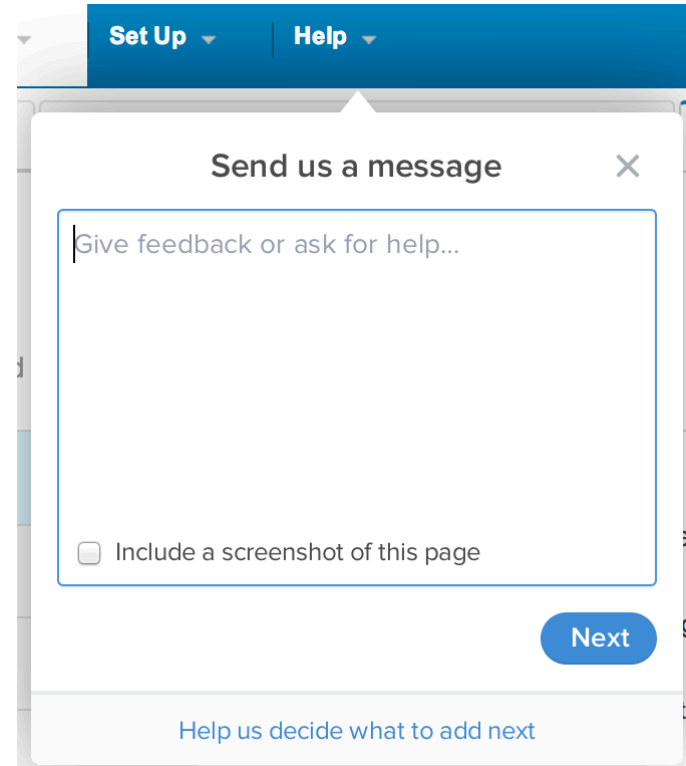
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## BLU Acceleration for the Cloud provides In-app customer support

- In-app context sensitive help
- In-app forum support
- In-app problem reporting and opening tickets
- Feel free to click Help -> Forum and tell us

How we can improve BLU Acceleration for cloud



The screenshot shows a mobile application interface with a blue header bar containing 'Set Up' and 'Help' tabs. Below the header is a modal window titled 'Send us a message' with a close button (X). The modal contains a text input field with the placeholder text 'Give feedback or ask for help...'. Below the input field is a checkbox labeled 'Include a screenshot of this page'. At the bottom right of the modal is a blue button labeled 'Next'. Below the modal, at the bottom of the screen, is a link that says 'Help us decide what to add next'.

## Ready for the workshop?

1. Choose one or more workshop scenarios posted on [www.bluforcloud.com/IDUG](http://www.bluforcloud.com/IDUG)
2. Login to BLU Acceleration for cloud instance that was sent you in your email (this is the email you signed up IDUG with)
3. Follow the steps and accomplish the results
4. Deviate from the steps and explore and create your own scenario
5. Provide valuable feedback for us

## Resources

- <http://bluforcloud.com/>
- <http://bigdatauniversity.com/bdu-wp/bdu-course/getting-started-with-ibm-blu-acceleration-for-cloud/>
- <http://bluforcloud.com/blog/>

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**DB2 Acceleration for the Cloud workshop**



*Please fill out your session  
evaluation before leaving!*

