



# easyBI for Jira Cloud, Server, or Data Center: Where's the Difference?

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**Reporting is  
engineering**







**Community Days**  
**May 06, 2021**

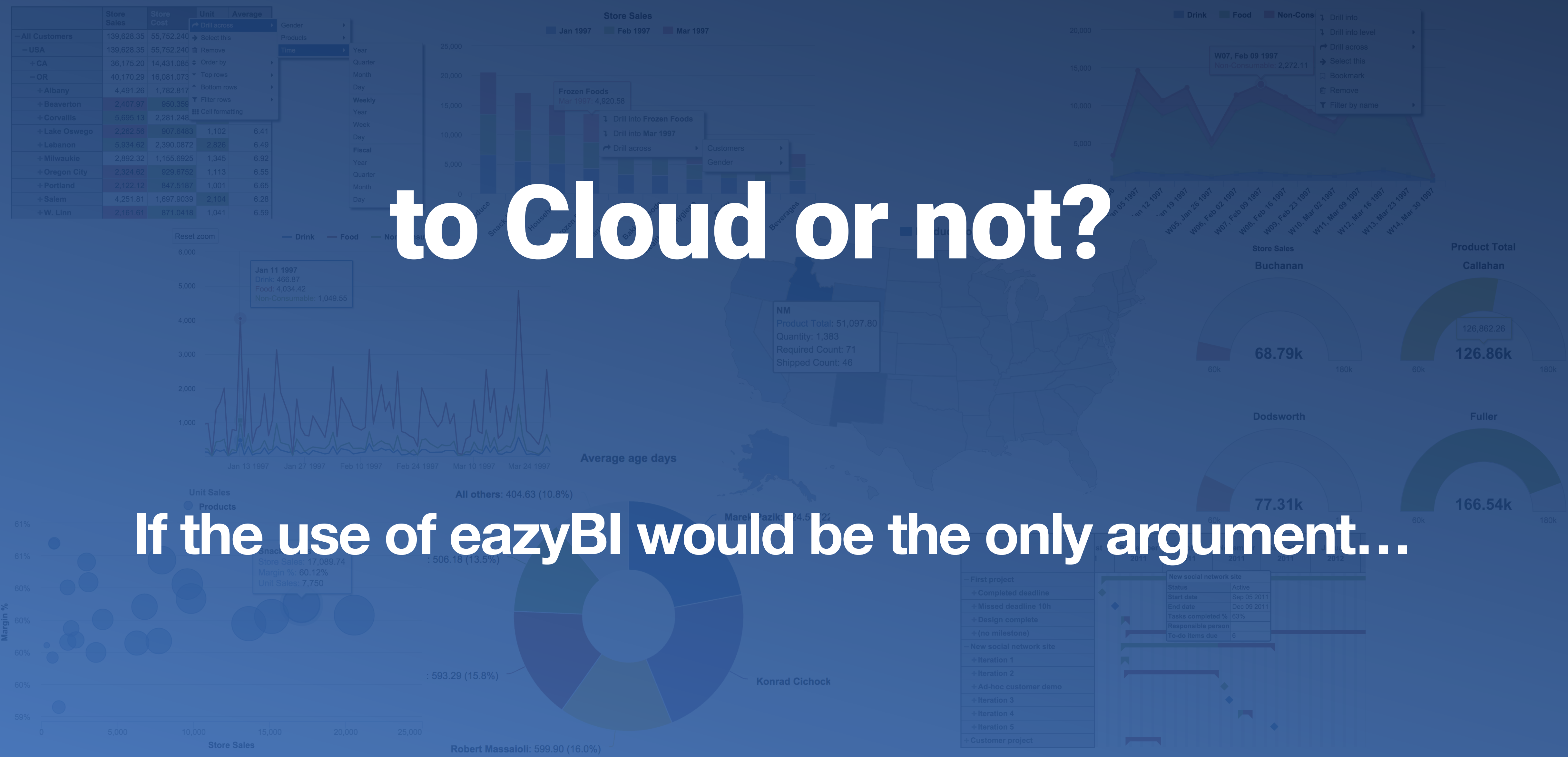
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**Why this topic?**

**Benefits and  
feature  
comparison**

**Migrating eazyBI  
to Cloud**



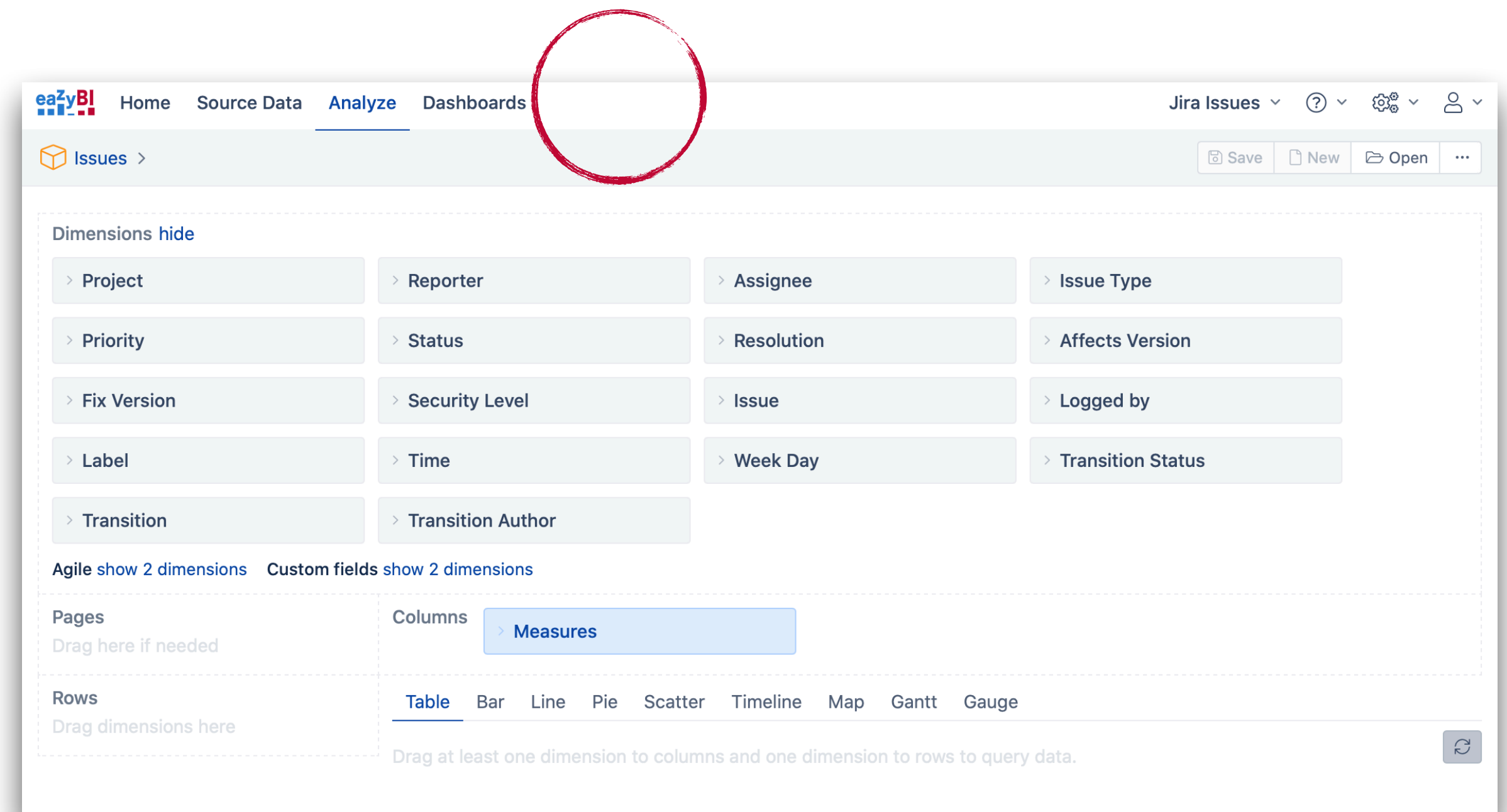
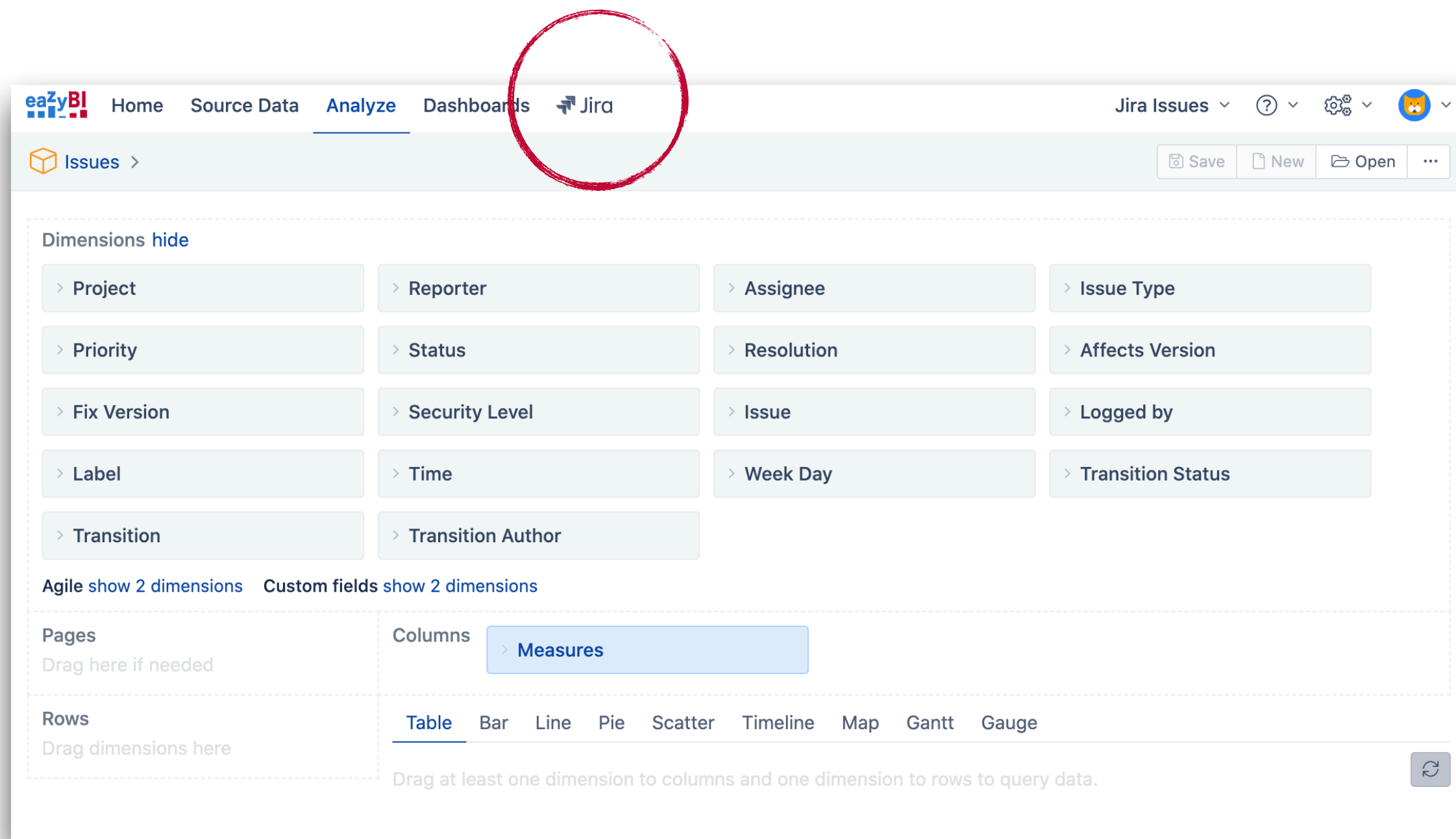


to Cloud or not?

If the use of eazyBI would be the only argument...

# The same app on both platforms

- The same data model for Jira Issues on Cloud and DC/Server
- The same report design/chart options





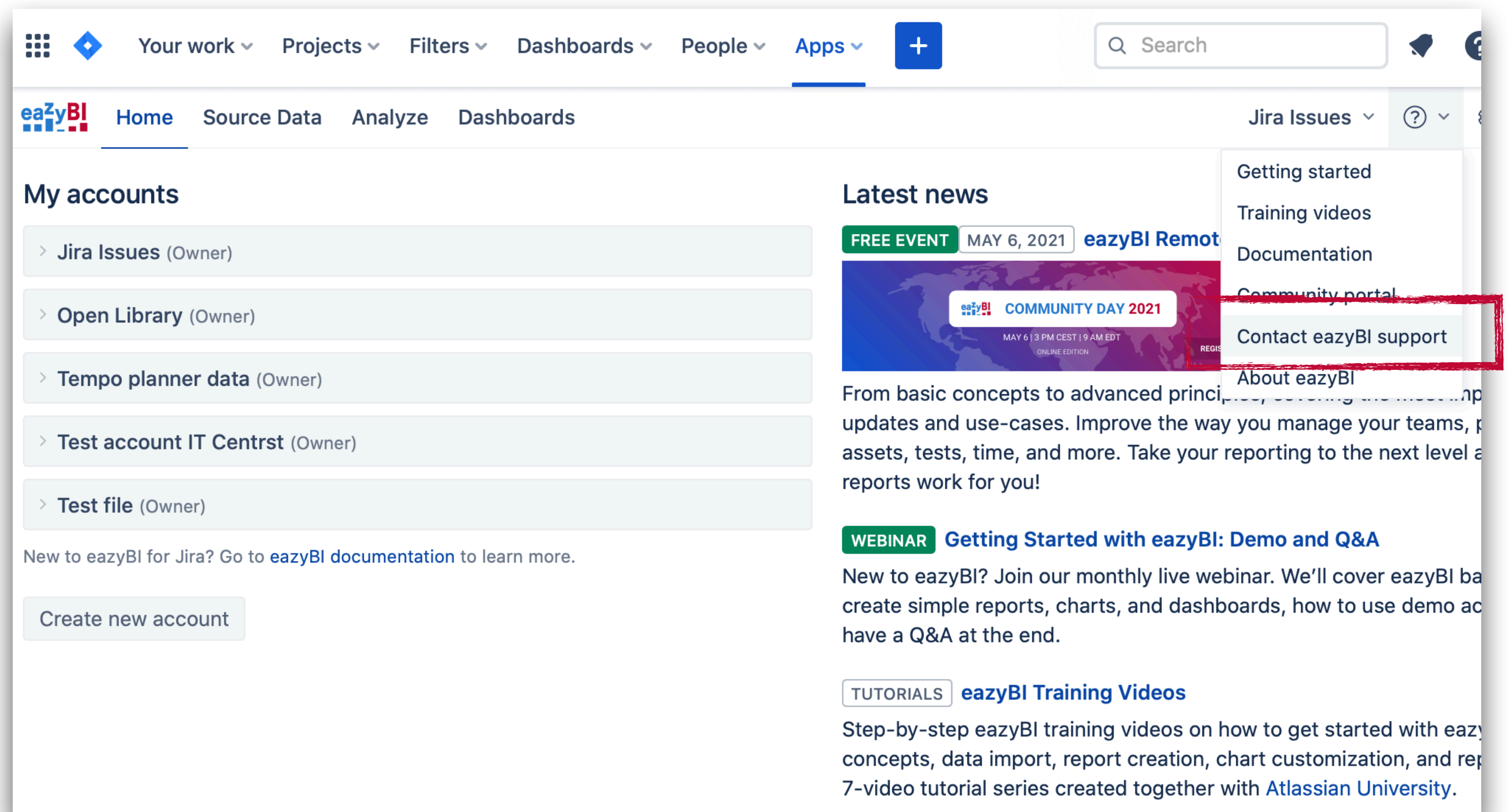
# Deploy and bug fixing

- **Always the most recent version of easyBI on Cloud**
- **Bugs got fixed as soon as discovered**



# Support provisioning

- Instant access to explore the core reasons of the problems
- Preventive support activities





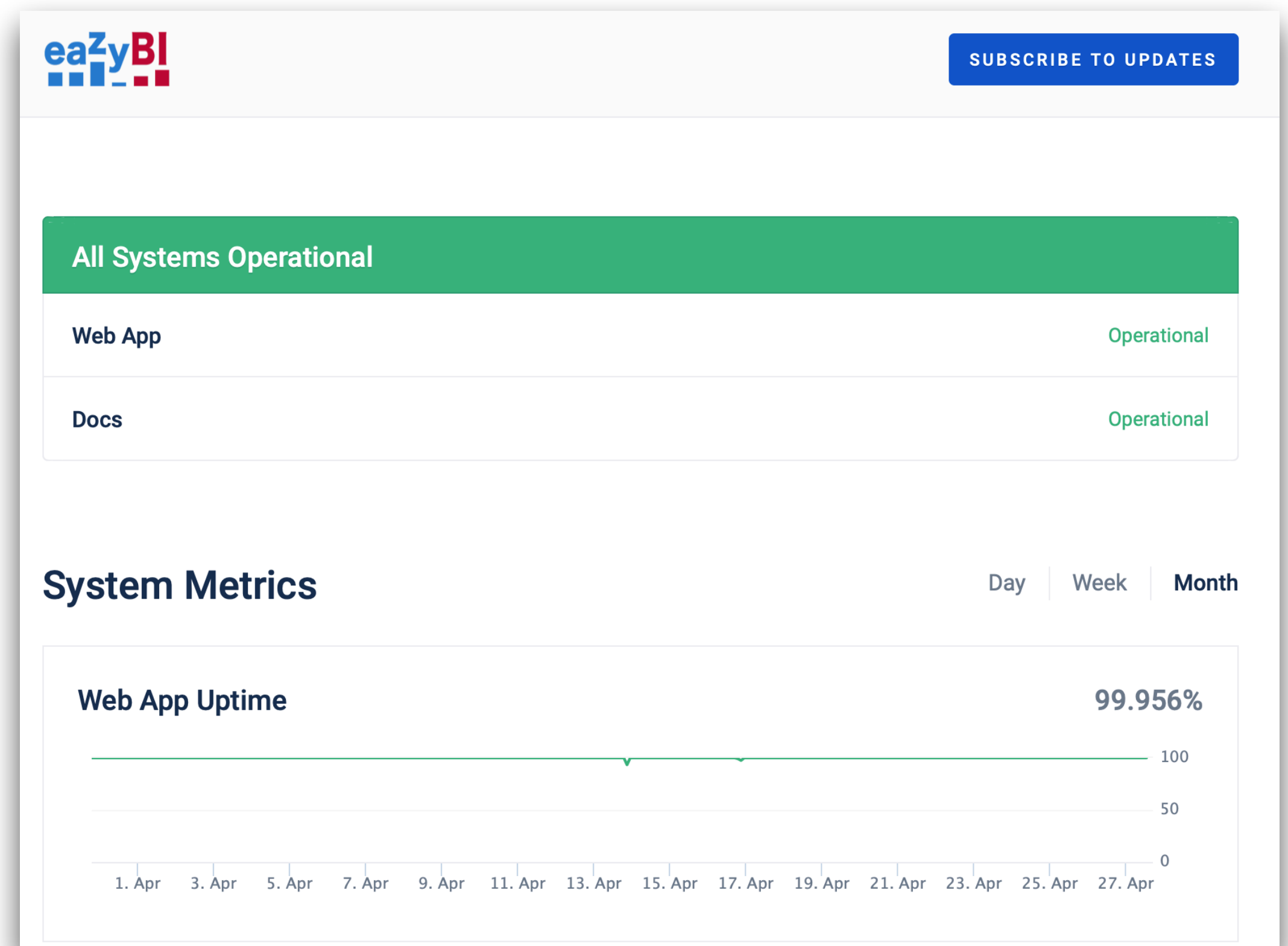
# Continuity, Performance, Security

If the use of eazyBI would be the only argument...



# Continuity and Availability

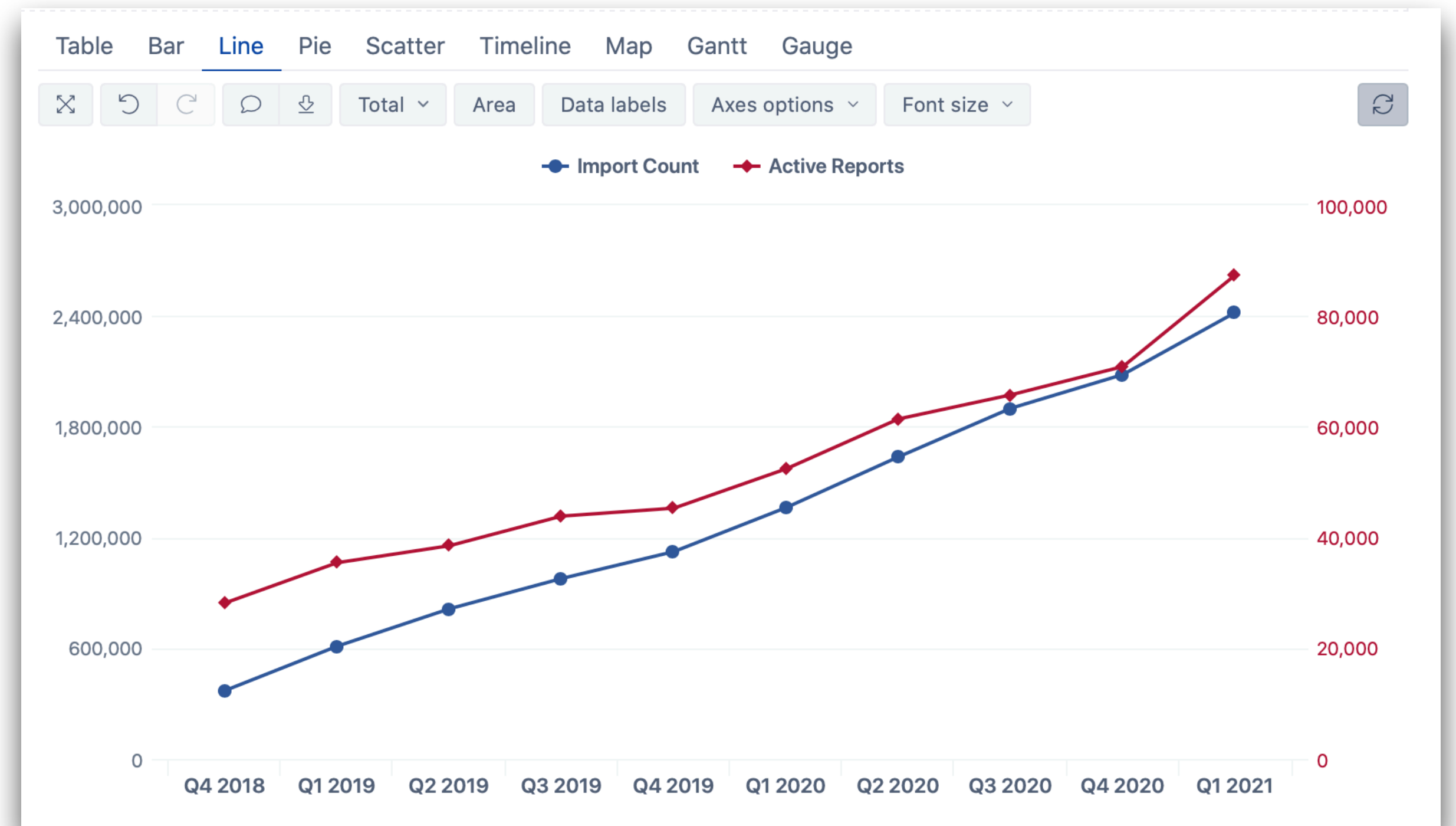
- Status page
- Status monitoring at several levels





# Performance

- **Probably, the biggest eazyBI instance in the world**
- **15 servers running the production environment with total:**
  - ~ 200 vCPUs
  - ~ 900 GB of RAM
  - ~ 2 TB of databases
- **Scaling up eazyBI**



## Child process

Nodes	ACTIVE	production-child1	(51 accounts)
	ACTIVE	production-child2	(67 accounts)
	ACTIVE	production-child3	(100 accounts)
	ACTIVE	production-child4	(63 accounts)



# **Data protection**

- **Data segregation of multiple tenants at the database level**
- **Encryption during transit and at rest**
- **Data transfer to EU data center**



# **Application security and processes**

- **Participation in Bug bounty programs**
- **Security and privacy policies implemented**
  - **Access to customer data on need-to-know basis**
  - **Password policy, multi-factor authentication**
  - **Change control**
  - **Backup and disaster recovery**



Feature gaps

Integrations and customisations

Shared infrastructure limitations

APIs and Javascript calculations

Towards better self-service on Cloud

# Integrations with apps (May-2021)

	Integration on Server/DC	Integartion on Clouod
Jira Software	+	+
Jira Service Management	+	+
Zephyr Squad	+	+
Zephyr Scale	+	-
Tempo Timesheets	+	+
Tempo Planner	+	+
Deiser Projectrack	+	+
Insight	+	-
Xray	+	**
Advanced Roadmaps	+	***
Elements Connect	+	-
Scriptrunner	*	-
Jira Misc Custom Fields	*	NA
Devops Bitbucket/Bamboo	+	-

\* - requires additional configuration

\*\* - in beta testing

\*\*\* - limited functionality



# Customizations not available on ezyBI Cloud

- **User interface customization**
- **Custom locales (languages and formats)**
- **Dashboard subscription email text**

<https://docs.eazybi.com/eazybijira/set-up-and-administer/set-up-and-administer-for-jira-server/customization>

# Shared infrastructure limitations

- **Import frequency vs. event processing**
- **Report timeout settings - check the report optimization options**

The screenshot displays the eazyBI Source Data interface. At the top, there are navigation tabs: Home, Source Data, Analyze, and Dashboards. Below these, there are sub-tabs for Source Applications and Source Files. A table lists the source applications, with one entry for Jira. The Jira entry shows the source selection URL, user, projects, creation time, cube name, and status. The status is highlighted with a red box, showing 'Imported about 6 hours ago' and 'Events processed 28 minutes ago'. Below the table, there is a button to 'Add new source application'. A modal window titled 'Schedule' is open, showing configuration options for the Jira source. The 'Regular import frequency' is set to 'Default (every day)'. The 'Process events' checkbox is checked, and the description indicates that events are processed when an issue is created, updated, or deleted. The modal also includes buttons for 'Import', 'Save', and 'back'.

Application	Source selection	Created	Cube	Status	Actions
Jira	<a href="https://eazybi.atlassian.net">https://eazybi.atlassian.net</a> User: Jānis Baiža Projects: EAZYBI	2 years ago	Issues	Imported about 6 hours ago Events processed 28 minutes ago	Import Edit ...

To refresh data now, press the Import button. If you have scheduled regular automatic data imports, they still will be performed at the scheduled time.

Add new source application

### Schedule

Regular import frequency: Default (every day)

Select how frequently automatic data import from data source should be performed.

Process events ☒ Process issue created, updated, deleted events.

or  or



# APIs used for Issues import

- **Jira Java API on Server/DC vs. Jira REST API on Cloud**
- **Better options for Javascript calculated custom fields on Cloud**

Test custom JavaScript code with the issue EAZYBI-2152 Show

```
{
  "expand": "renderedFields,names,schema,operations,editmeta,changelog,versionedRepresentations,customfield_10300.properties,customfield_10200.properties",
  "id": "14855",
  "self": "https://eazybi.atlassian.net/rest/api/2/issue/14855",
  "key": "EAZYBI-2152",
  "properties": {},
  "changelog": {
    "startAt": 0,
    "maxResults": 27,
    "total": 27,
    "histories": [ ... ] // 27 items
  },
  "fields": {
    "statuscategorychangedate": "2020-03-20T10:51:02.831+0200",
    "issuetype": { ... }, // 7 items
    "timespent": null,
    "project": { ... }, // 7 items
    "customfield_11000": { ... }, // 3 items
    "fixVersions": [],
    "aggregatetimespent": null,
    "customfield_11200": null,
    "resolution": null,
    "customfield_11962": null,
    "customfield_11961": null,
    "customfield_11953": null,
    "customfield_10500": null,
    "customfield_11952": null,
    "customfield_10501": []
  }
}
```

# **Towards a better self-service on Cloud**

- **Usage statistics**
- **Access to audit logs**
- **Report recovery**



# Migration to Cloud

- **Migrate your reports, dashboards and data source options**
- **Migrator - expects to work on migrated Jira environment**

The screenshot displays the 'Database migrator parameters' configuration page in the eazyBI interface. The page is titled 'Database migrator parameters' and includes a link to the 'database migration documentation'. Under the 'Migration type' section, four options are listed: 'From another database into this server', 'From this server to export files', 'From export files into this server', and 'From this server to cloud'. The 'From this server to cloud' option is selected. Below this, the 'Cloud parameters' section contains three input fields: 'Cloud site URL', 'User email', and 'API token'. A red box highlights the 'From this server to cloud' option and the 'Cloud parameters' section. Another red box highlights the 'Database migrator' option in the right-hand menu.

easyBI Home Source Data Analyze Dashboards System Admin Jira

Jira 8.13 ?

Settings

All users

All accounts

System events

Background jobs

Database migrator

Troubleshooting

### Database migrator parameters

Read the [database migration documentation](#) to learn more about migrating the eazyBI database.

#### Migration type

☐ From another database into this server

☐ From this server to export files

☐ From export files into this server

☒ From this server to cloud

#### Cloud parameters

Cloud site URL

User email

API token

[Continue](#) or [back](#)





# Questions?

[community.eazybi.com](https://community.eazybi.com)  
[support@eazybi.com](mailto:support@eazybi.com)



An aerial photograph of a dense urban landscape, likely a city center, featuring numerous high-rise buildings and a complex network of roads. The image is overlaid with a gradient that transitions from a vibrant red on the left side to a deep blue on the right side. Centered over this background is the text "Thank you!" in a large, white, sans-serif font.

**Thank you!**