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# Cloudy Security?

## Accelerate Cloud Adoption and Safeguard the Business

Andy Land
Director of Cloud Security Products
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# Cloudy Security: So What's the Problem?

**1 in 3**

**Fortune 1000 employees** upload corporate data to cloud apps

**50%**

**of millennials** use third-party cloud apps at work

**1 in 4**

**Fortune 1000 employees** use corporate log-in details for cloud apps

**60%**

**of employees** know using external apps is a violation of their company's security policy

*On behalf of IBM Security, Ketchum Global Research & Analytics (KGRA) conducted an online survey using the services of Ipsos Public Affairs. The survey interviewed 1,001 full-time employees at Fortune 1000 companies. The survey was fielded from July 27 to 31, 2015.*


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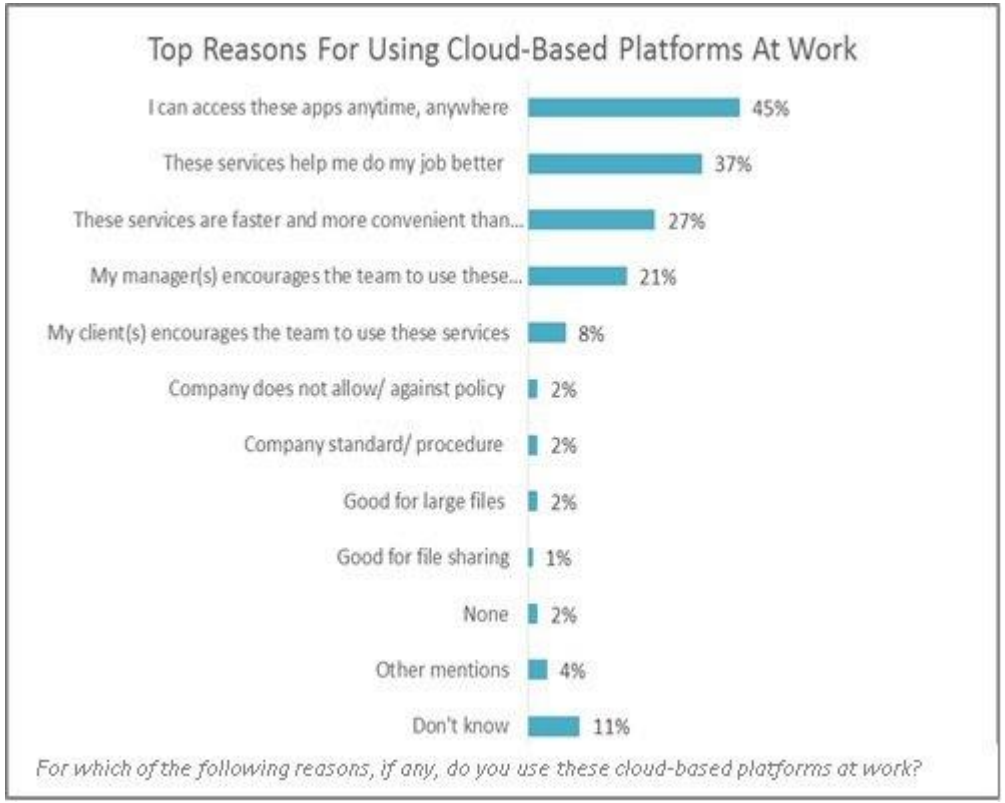
# Cloudy Security: What are Employees Thinking?




- Access their data anytime, anywhere (45%)
- Ability to do jobs better and more efficiently (37%)
- External cloud apps are faster and more convenient than internal apps (26%)

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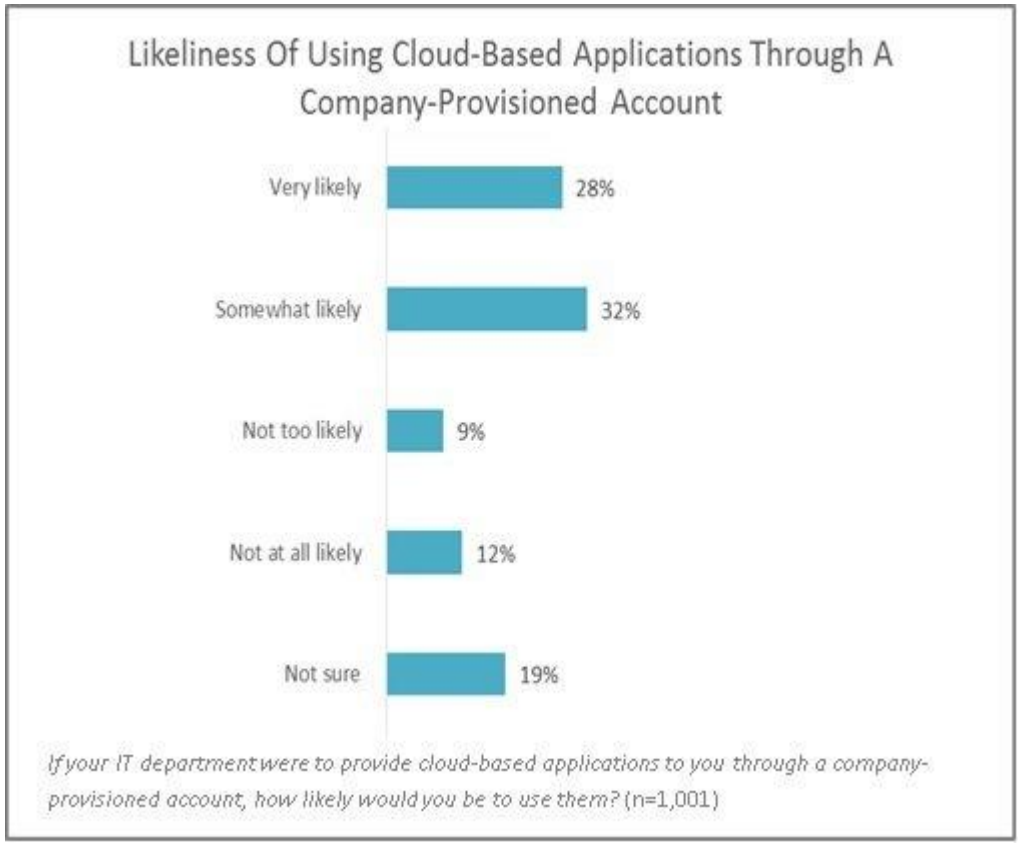
# Cloudy Security: If We Provide It, Will They Come?




**60%**

**of Fortune 1000 employees** would likely use IT-approved cloud apps.

**75%**

**Nearly 75% of millennial workers** would use IT-approved cloud apps.

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# Cloud is here to stay, are you ready to move with the business?

**EMPLOYEES**

- Look for better ways to get their jobs done
- Find cloud services quick and easy to use

**IT OPERATIONS**

- Wants to save money and reduce complexity
- Wants to automate and consolidate IT

**YOUR BUSINESS**

- Loses visibility and control over IT
- New risk requires new safeguards


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# Security and IT leaders face new challenges

***"My team is not equipped to manage the increased employee usage and demand for cloud"***

**CISO / CIO:**

**How does my organization?**

- Uncover "Shadow IT"
- Gain visibility of all cloud app usage
- Simplify connecting to approved apps
- Remove mobile blind spots
- Stop risky user behavior
- Quickly react to cloud threats
- Address compliance and governance concerns


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# Introducing IBM Cloud Security Enforcer

**DETECT**
Usage of cloud apps and actions

**CONNECT**
Users to approved cloud apps

**PROTECT**
Against cloud-related threats


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# A new SaaS solution to help securely deploy cloud services

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# DETECT

App usage and user activity


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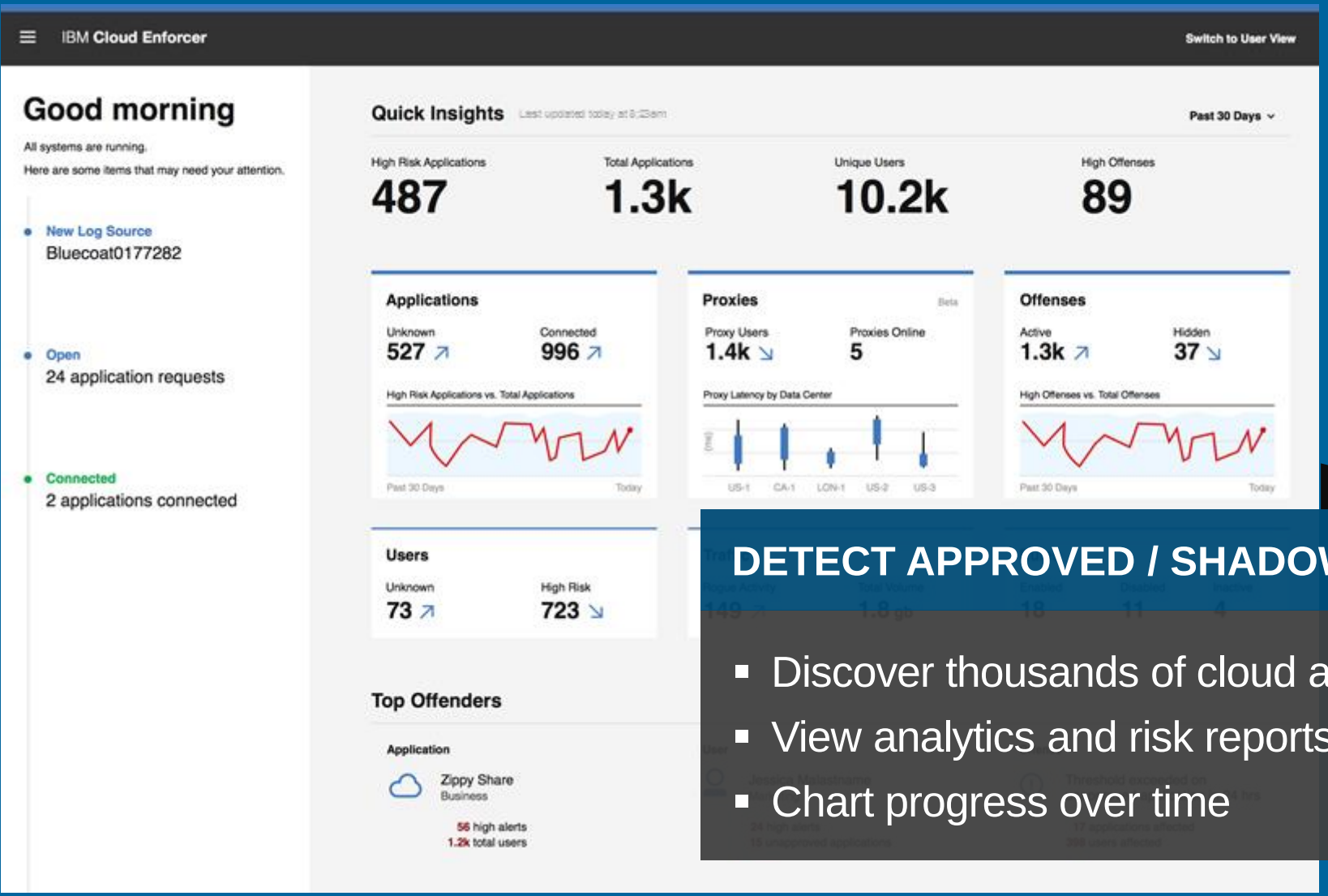


## DETECT APPROVED / SHADOW APPS

- Discover thousands of cloud apps
- View analytics and risk reports
- Chart progress over time


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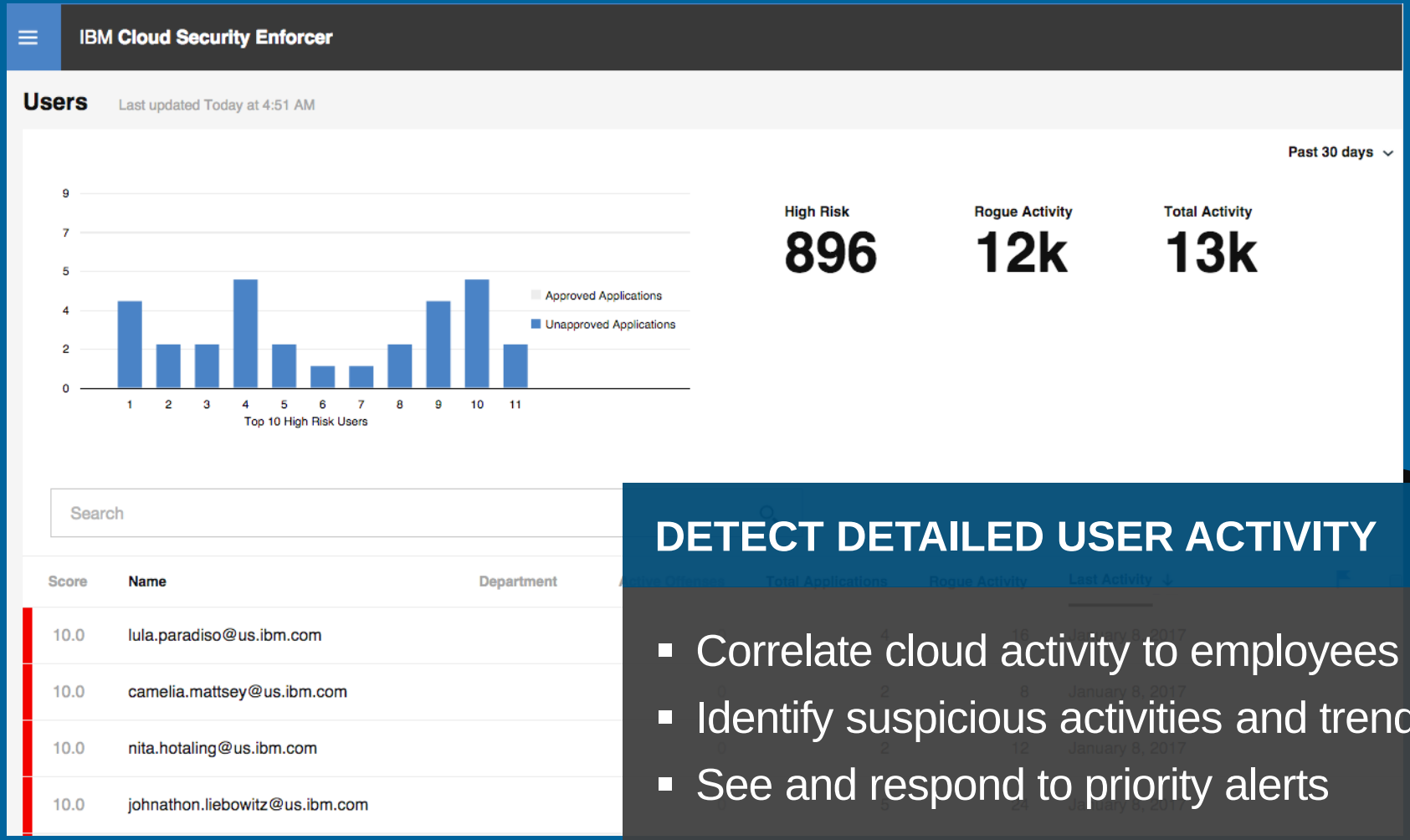


## DETECT DETAILED USER ACTIVITY

- Correlate cloud activity to employees
- Identify suspicious activities and trends
- See and respond to priority alerts


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# CONNECT

Users to approved cloud apps


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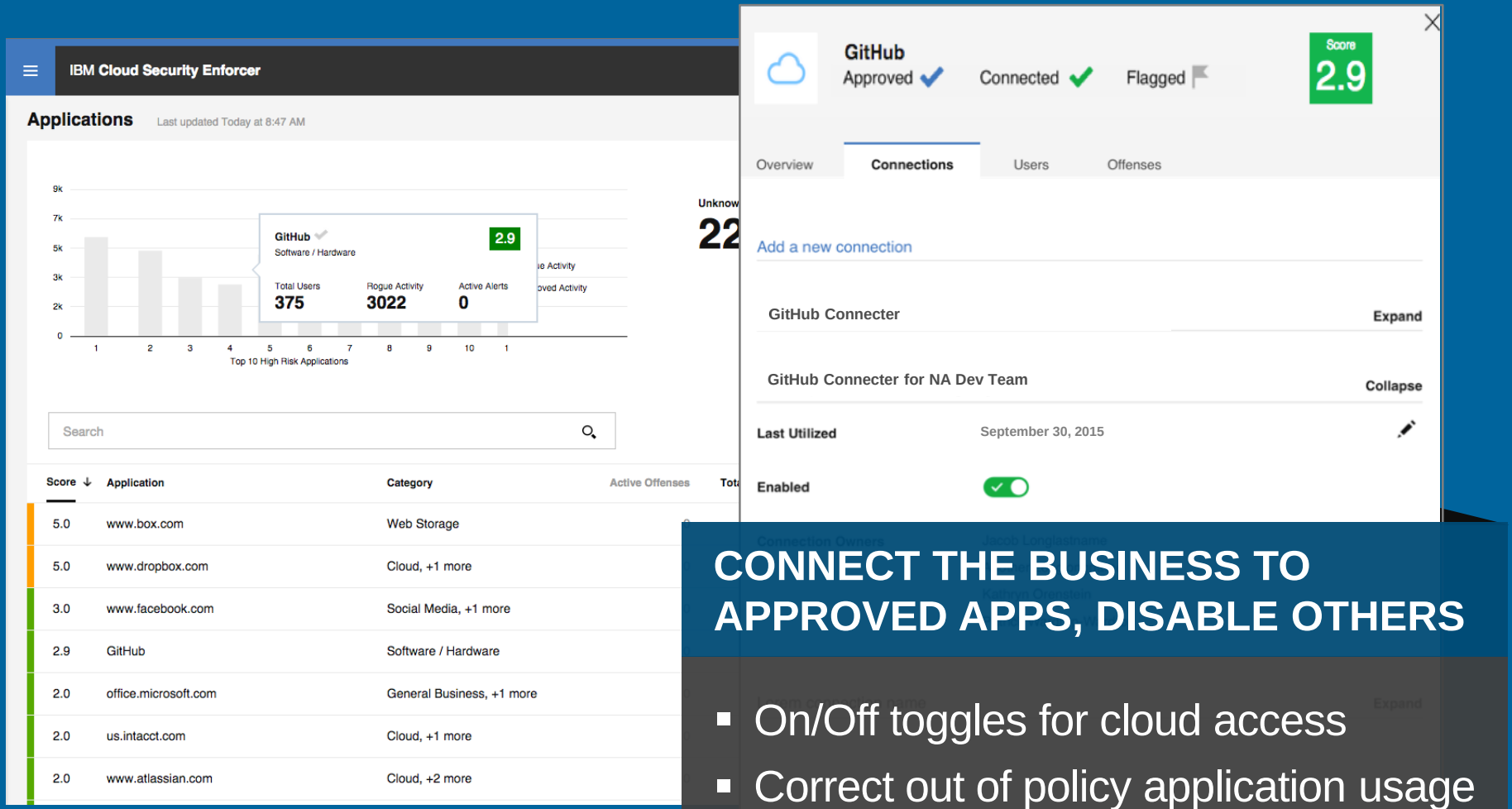


# CONNECT THE BUSINESS TO APPROVED APPS, DISABLE OTHERS

- On/Off toggles for cloud access
- Correct out of policy application usage


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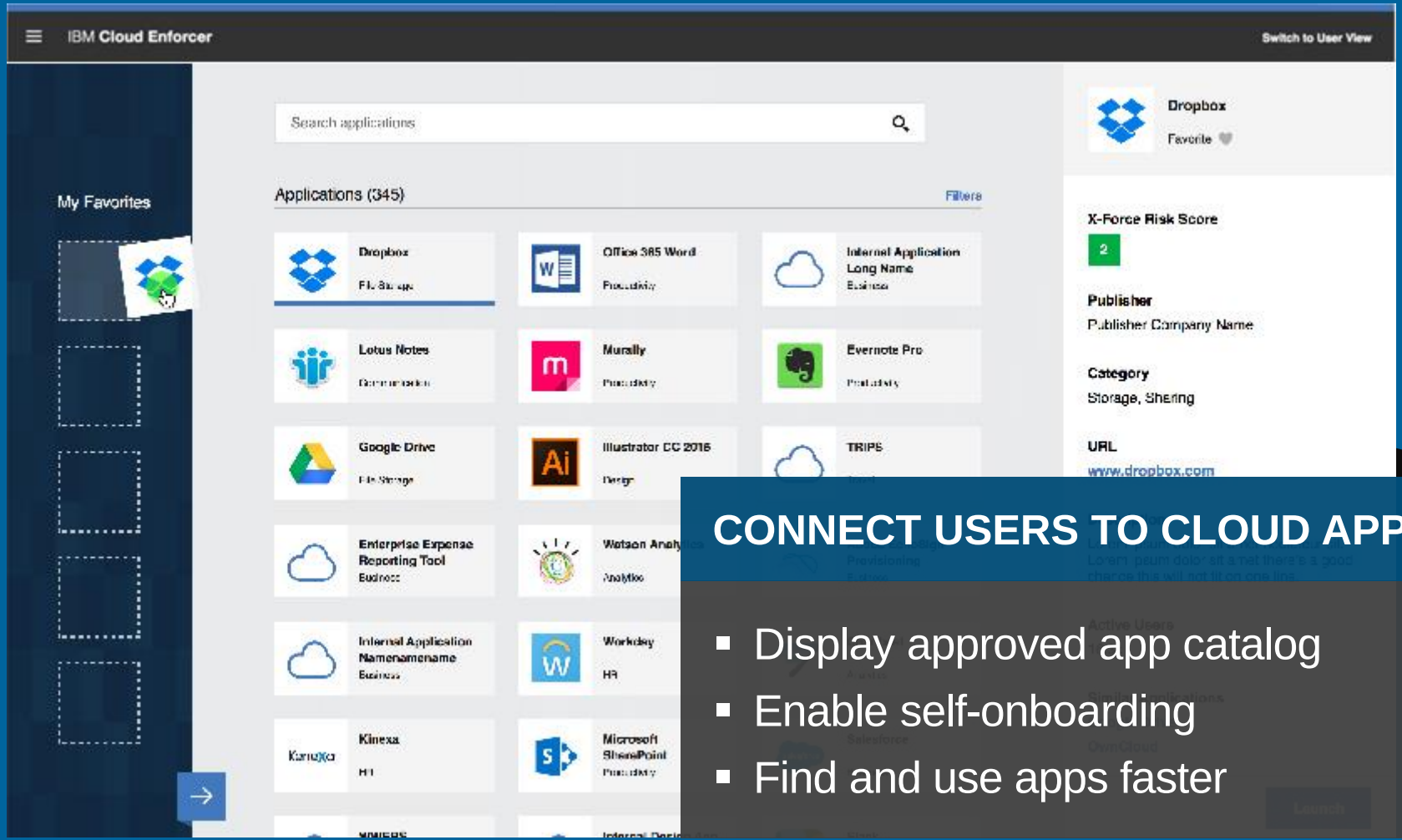


## CONNECT USERS TO CLOUD APPS

- Display approved app catalog
- Enable self-onboarding
- Find and use apps faster


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# Protect

Against cloud-related threats


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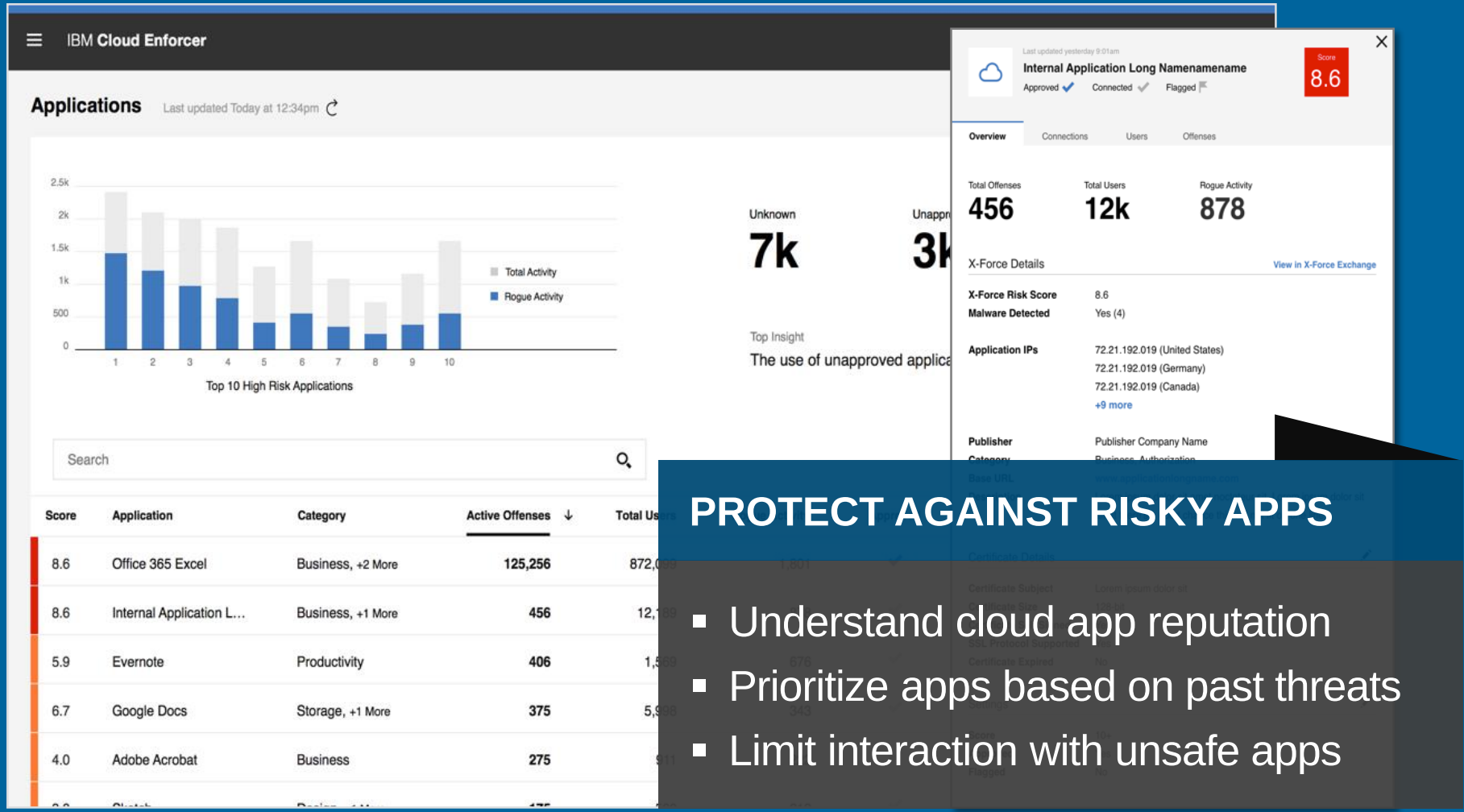


## PROTECT AGAINST RISKY APPS

- Understand cloud app reputation
- Prioritize apps based on past threats
- Limit interaction with unsafe apps


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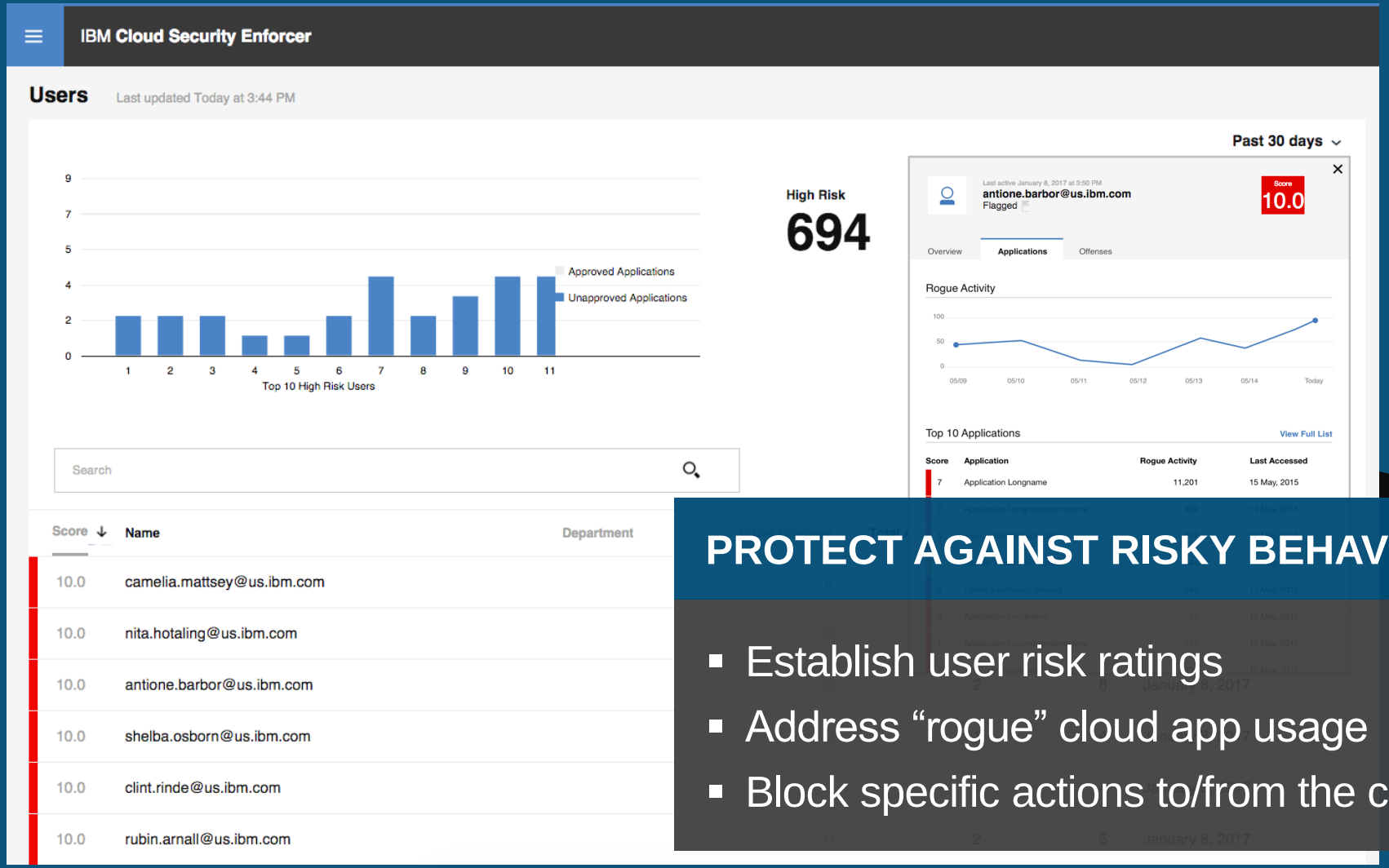


# PROTECT AGAINST RISKY BEHAVIOR

- Establish user risk ratings
- Address “rogue” cloud app usage
- Block specific actions to/from the cloud


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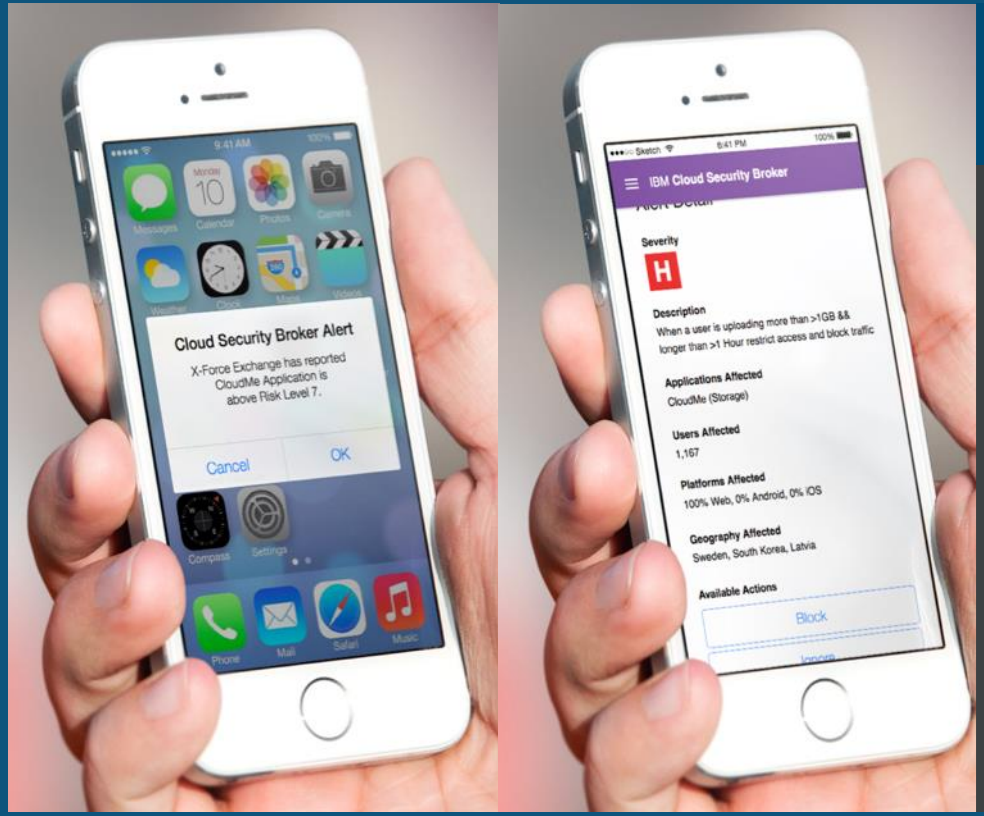


# PROTECT WITH RAPID RESPONSE TO THREATS

- Respond to new threats, in or out of the office
- Integrated with threat intelligence from IBM X-Force


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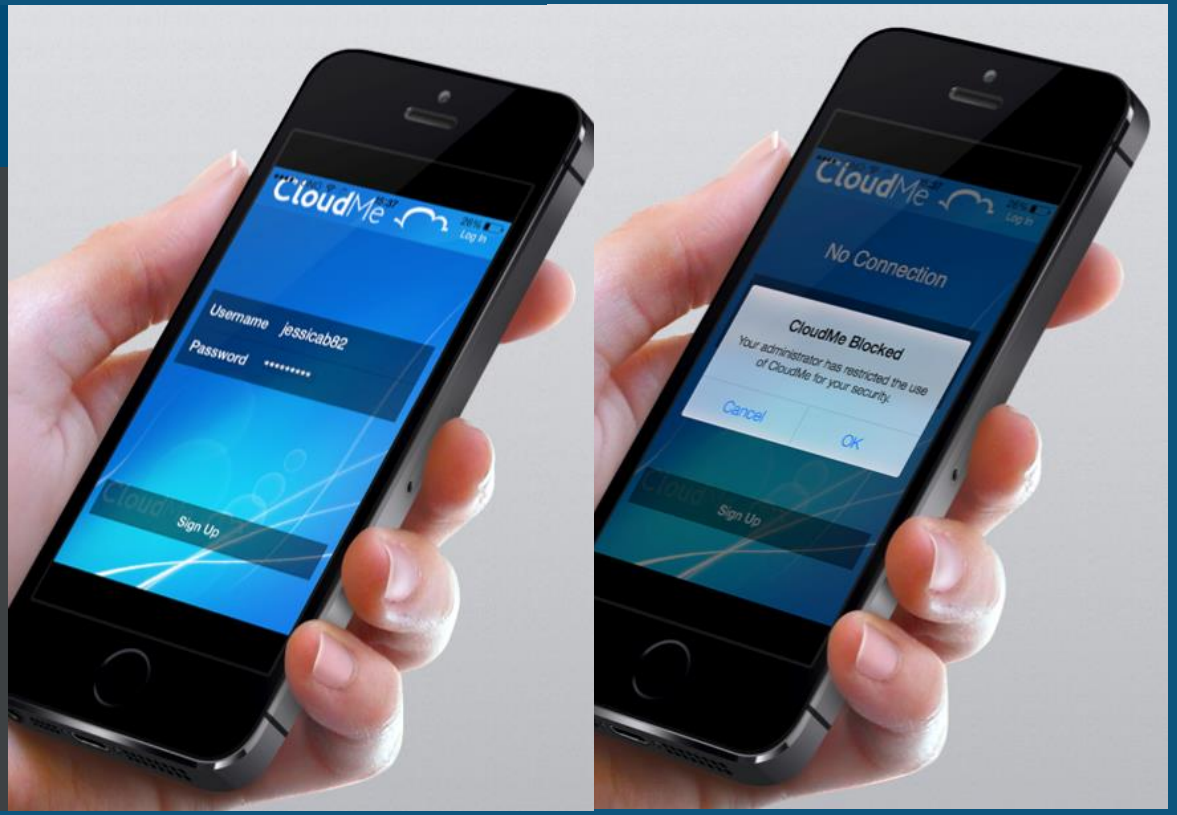
## PROTECT BY LIMITING ACCESS

- Block risky or unsanctioned apps on mobile devices
- Coach safe employee usage





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# Key takeaways

## IBM Cloud Security Enforcer

1. Industry's first solution to combine cloud discovery, access, and threat prevention
2. Connect users to Cloud apps in seconds
3. Protect against Cloud threats using IBM's network of threat intelligence
4. Speed cloud adoption, making your employees more productive

ibm.com/security/cloud-enforcer


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