



# Student Data Protection in G Suite and O365

## Cisco Cloudlock

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# Cloudlock

## Secure Usage of SaaS Apps



### Identities

Flag compromised accounts and malicious insider activity

1011  
0101  
1010

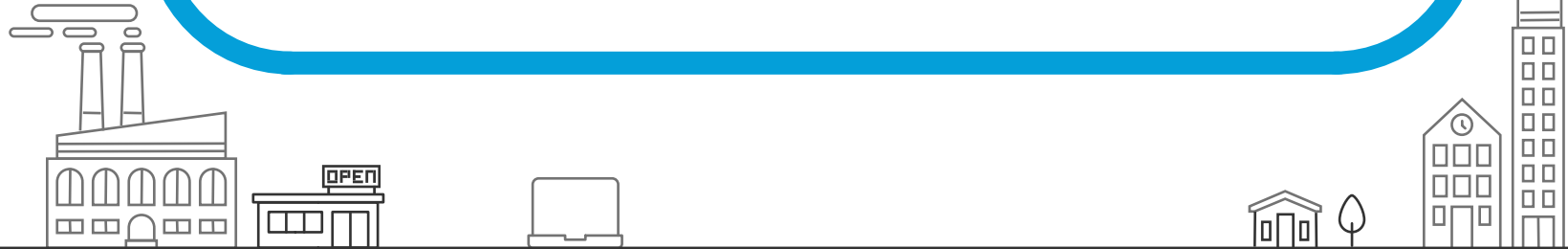
### Data

Prevent data leakage and meet compliance



### Apps

Stop cloud malware and Shadow IT with apps firewall




# How is my district data being stored and shared?

Last Name	First Name	Middle Name	Payroll Name	Employee Id	SSN / Nation	Gender	Date of Birth	Age	Marital Status	Street Address	City	State/Province	Zip/Postal Code	Home email	Home phone	Personal wireless	Job title
	Jennifer	A	Abbate, Jennifer		-76-8171	F			25	Single		NY	10128				Teacher
	Nailah		Abdul-Rahm		-90-9431	F			25	Unknown		CT	6513				Tutor
	Erica	N	Abrahams, Erica		-88-3801	F			24	Single		CT	6606				Teacher in R
	Ellen		Abrams, Ellen		-32-5318	F			75	Married		CT	6033				Other Support
	Mariela		Abreu, Mariela		-78-0136	F			24	Single		CT	6010				Student Services
	Lynn		Accatino, Lynn		-62-8735	F			37	Married		CT	6614				Dean of Students

Base Eff. Date	Base Amount	Base Amount Per	Hours	Base Compensation	Base Compensation
7/1/2015	\$66,591.00	\$66,591.00	Year	40	Other
10/16/2010	\$27,040.00	\$13.00	Hour	40	Import created action
8/17/2015	\$44,686.00	\$44,686.00	Year	40	Other
12/1/2011	\$156,000.00	\$75.00	Hour	40	Import created action

## Sharing Settings

### Google Exposures:

Domain Wide with the Link 

# How can I automate policies to protect my data?

Policies





Manage Policies Suspicious IP Library Trusted IP Library

Filter by policy name

Policy	Description	Status	Type	Severity	Detection Criteria	Response Actions
Credit Card Number	Payment cards information	Active	Credit Card Number	Alert	Credit Card Number	Create
Discriminatory Content	Content containing language that is deemed as racist or homophobic. In education such content should be monitored for CIPA compliance.	Active	Custom Regex	Critical	Custom Regex Threshold	Create
Exposed Credit Card Number	Payment cards information	Active	Credit Card Number	Critical	Exposure Credit Card Number	Create
Exposed IEPs	Add description	Active	Custom Regex	Critical	Exposure Custom Regex Threshold	Create

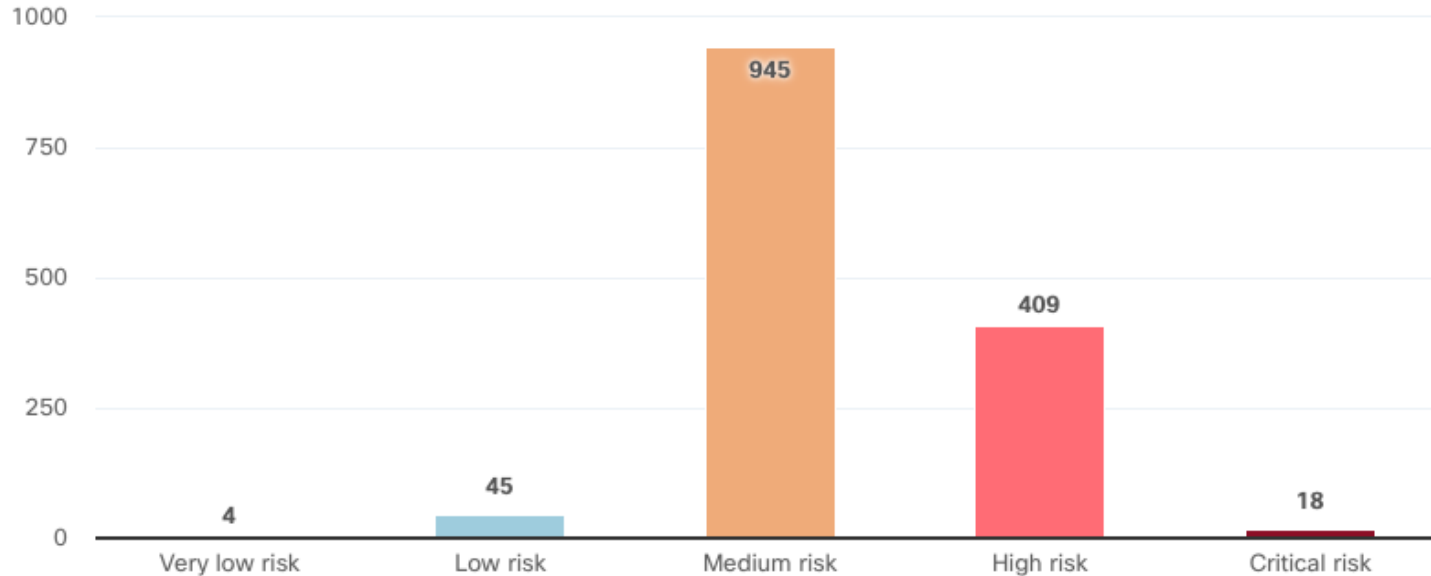
Leverage Cisco Cloudlock's robust policy engine and response actions to remediate any exposures automatically. Couple actions with notification to the user for awareness. (Slide Show mode for Animation)

# Which 3<sup>rd</sup> Party Apps/Vendors have access to my district data?

 **427** Risky apps have access to your environment.  **887** Apps in your environment with a CTR less than 50%.  **1.4K** Unique apps installed in the last 7 days.  **1.4K** Total apps in your environment.

## ■ Your Apps by Risk Level

Risk analysis of the apps currently installed in your environment. 



# OAuth Example

The screenshot shows a web browser window at <https://kaizena.com>. The page features a teal background with the Kaizena logo in the top left and navigation links for 'About', 'Blog', and 'Login' in the top right. The main heading reads 'Fast, personal feedback on student work' with the subtext 'Quickly give every student the feedback they need to improve, for free.' Below this are three sign-up buttons: 'Sign up with Google', 'Sign up with Microsoft', and 'Sign up with Kaizena'. A large white arrow points downwards. On the left side, there are three feedback comments in white speech bubbles: 'Great work Rebecca!' (5 hours ago by Mr. Jones), 'Thanks Mr. Jones.' (4 hours ago by Rebecca), and a video player showing '0:43' (4 hours ago by Mr. Jones). On the right side, a white text box contains a sample student feedback: 'Ten years ago, I was a spy. Secret identities, awesome spy gadgets and undercover operations consumed my imagination. This was serious business and I took training seriously. My brother was Public Enemy No.1. He'd come home and I'd use Mission Impossible stealth moves to follow him everywhere. I'd pick his bedroom door with a nail file and steal his allowance. I'd climb the tree outside his window and take reconnaissance photos. One Saturday afternoon, Mom drove up with my brother and his friends, who were wearing their Grand Theft Auto costumes and had their...

# How can I enforce my District policies around connected Apps in Google?

## Policies

Add a Policy ▾

Manage Policies

Suspicious IP Library

Trusted IP Library

Filter by policy name ▾

Policy ▲	Status ▾	Type	Severity	Detection Criteria	Response Actions
AFW - Manually Banned Apps	Active ▾	App Action	Info ▾	<ul style="list-style-type: none"><li>App Classification <a href="#">Edit</a></li></ul>	<ul style="list-style-type: none"><li>Revoke App Authorization</li><li>Incident Status Update <a href="#">Edit</a></li></ul>
AFW - Monitor Under Audit Apps	Active ▾	App Action	Alert ▾	<ul style="list-style-type: none"><li>App Classification <a href="#">Edit</a></li></ul>	<ul style="list-style-type: none"><li>Incident Status Update <a href="#">Edit</a>   <a href="#">Delete all</a></li></ul>
AFW - New Unclassified App Installs	Active ▾	New Unclassified Apps	Alert ▾	<ul style="list-style-type: none"><li>New Unclassified Apps <a href="#">Edit</a></li></ul>	<a href="#">Create</a>
AFW - Risky	Active ▾	Risky Access Scopes	Critical ▾	<ul style="list-style-type: none"><li>Risky Access Scopes</li></ul>	<a href="#">Create</a>

Classify applications to begin mitigating risk in the environment. Start with Critical and High risk apps and determine if they should be Banned, Trusted or Restricted (Slide Show mode for Animation)



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