



# Infinity Identity

(aka Identity Next)

Royi Priov | Infinity Identity R&D

YOU DESERVE THE BEST SECURITY

# The opportunities

**01**

**Fast adoption of technologies**

Supporting Entra ID seamless integration, without additional client needed.

Supporting Harmony Endpoint and SASE.

**02**

**Easy to deploy and maintain**

Reducing significantly the needed deployment, maintenance and cost for Identity Awareness, by having fewer (or no) PDP gateways.

**03**

**Centralization**

Single and auto-scaled point for identity information.

# Current Main Challenges

**01**

**Consolidated Identity information**

Identity-related information is spread among multiple products

Siloed data can lead to incomplete information

**02**

**Setup and configuration**

Identity sources and directories need to be configured per product (sometimes per blade)

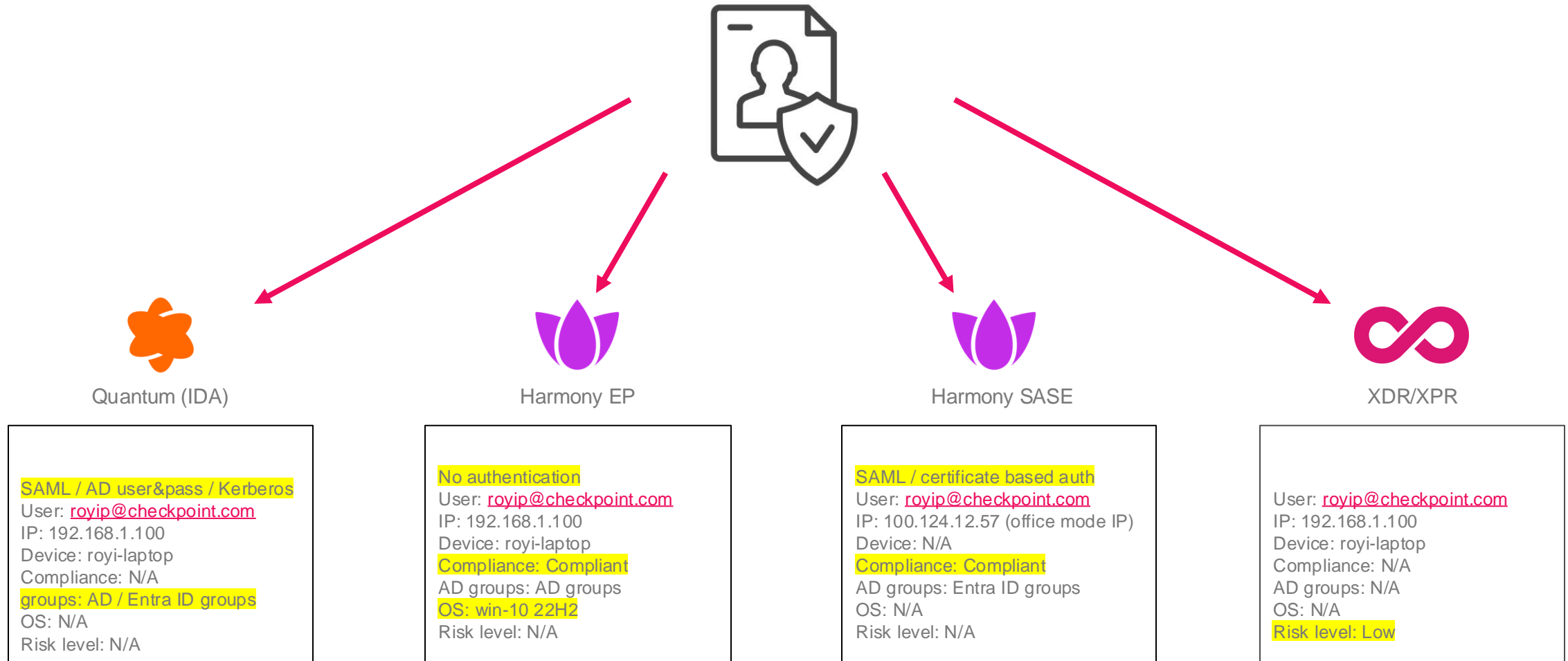
The current on-prem IDA setup for large and distributed configurations is complex

**03**

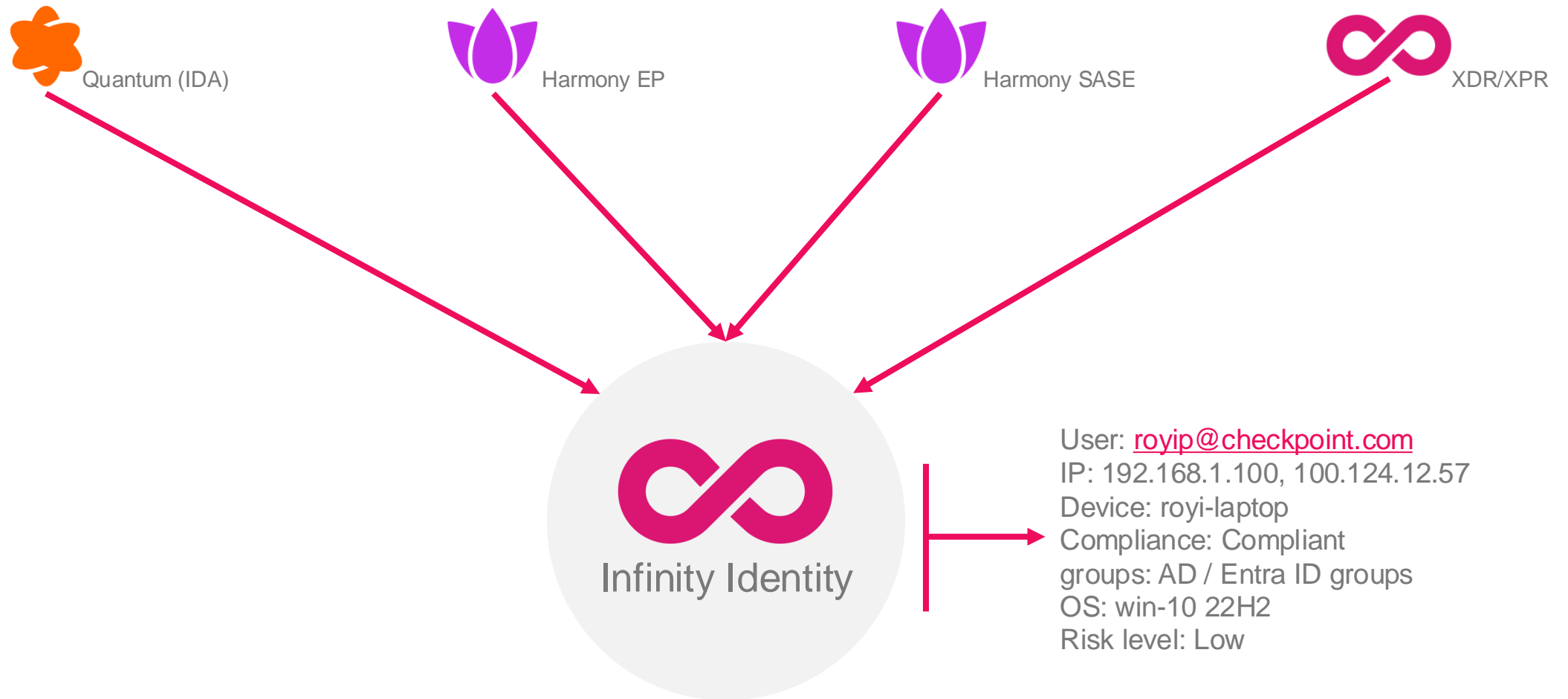
**Zero Trust access control**

Challenges in implementing identity-based Zero Trust access control

# Today – Information spread across multiple products



# Goal – A unified solution for identities across Check Point products

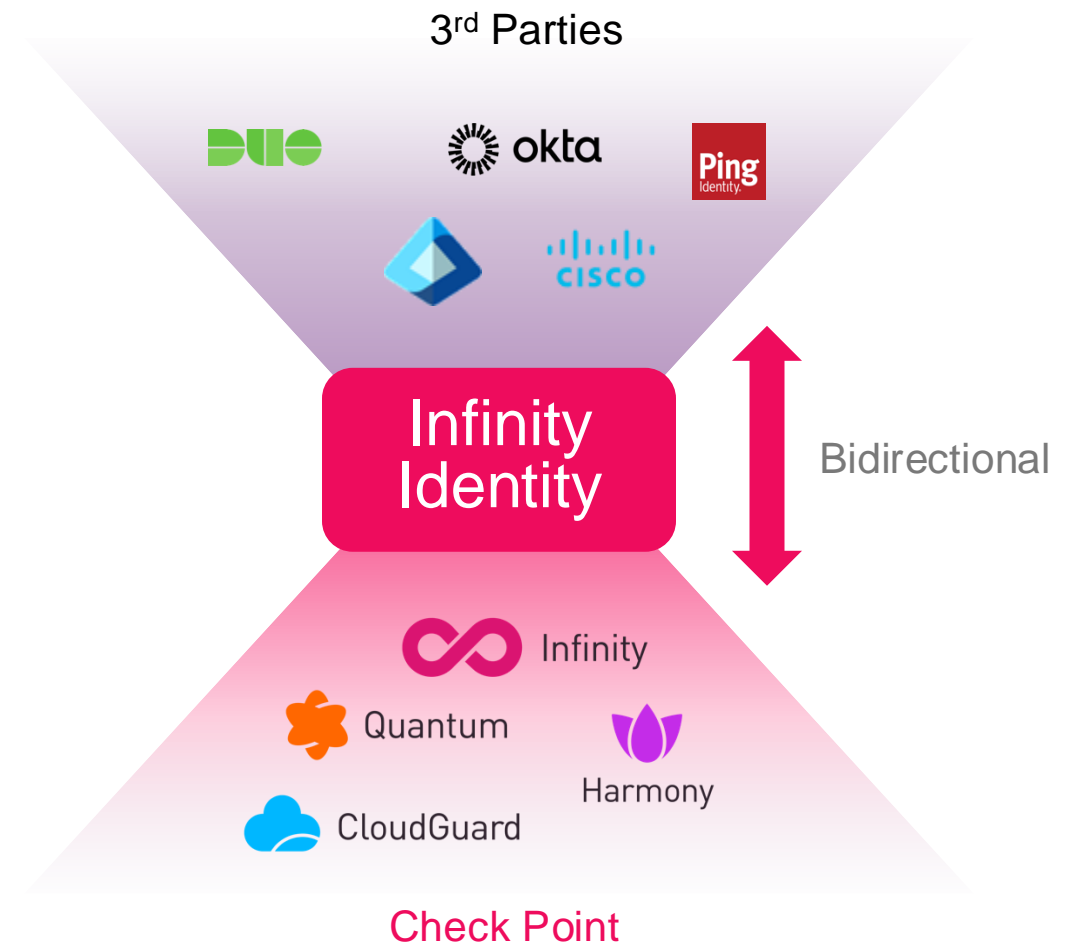


# Future Goal – A unified solution for identities across all integrated products

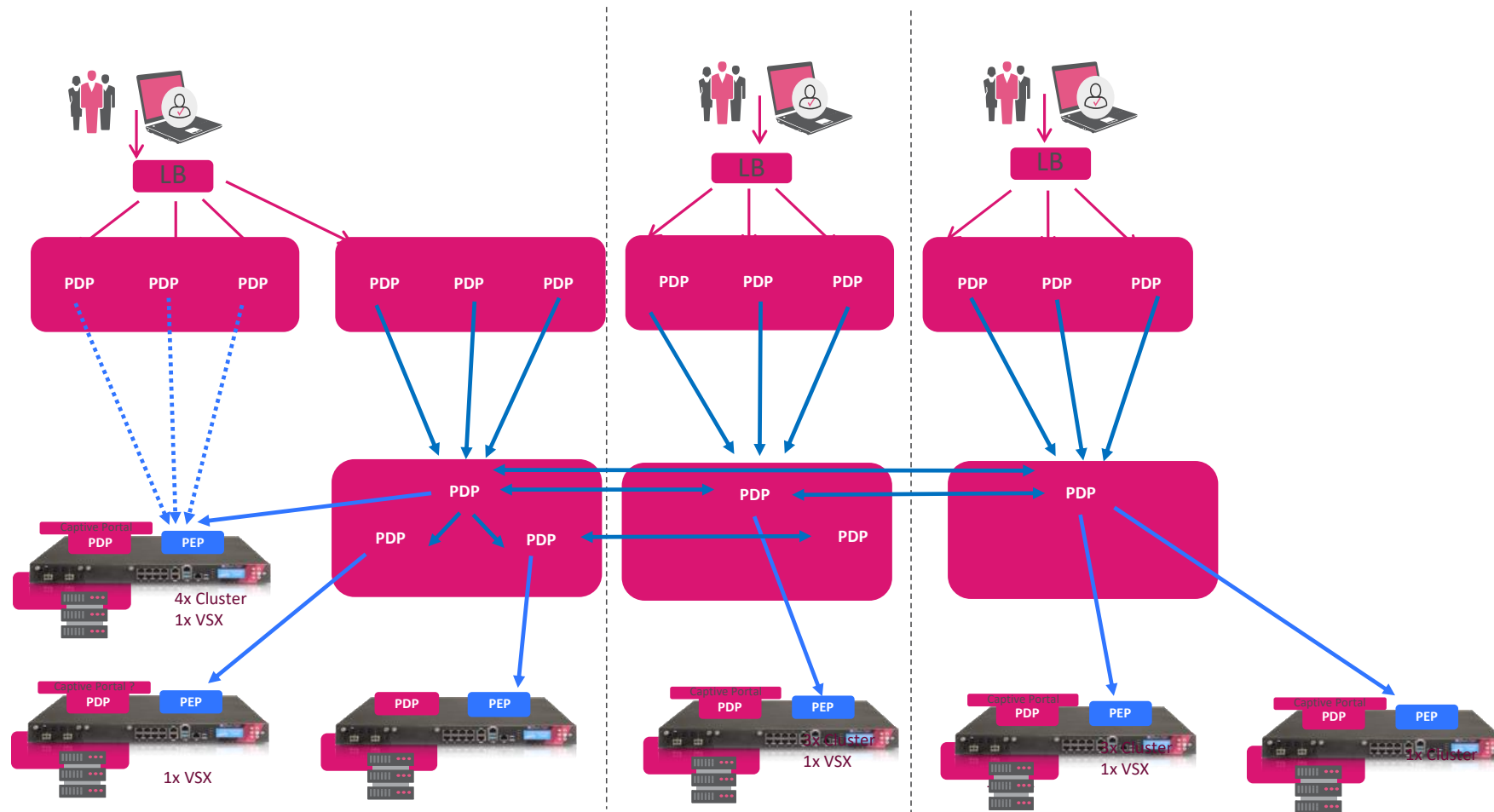
Seamless integration with existing Check Point and 3<sup>rd</sup> party tools

Centralized management of all IDPs and directories

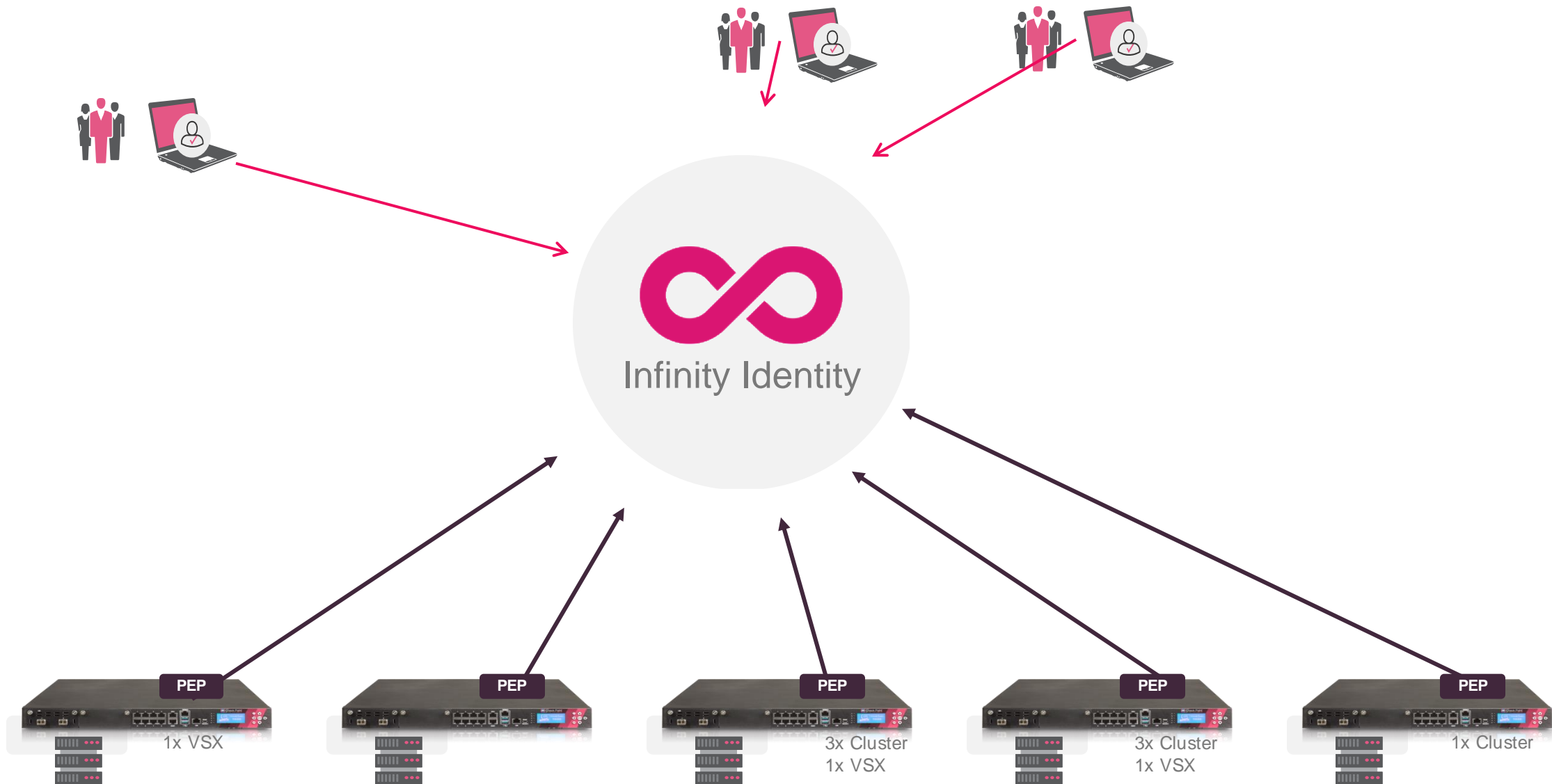
Real-time data from various sources for a holistic view



# Today - Complex IDA architecture for large and distributed customers



# Simple Cloud-Delivered Configuration





# Infinity Identity Offering

- Prerequisites:
  - R81.20 GW, with Jumbo HF T65 and IDA HF.
  - R82 GA SmartCenter.
  - Identity Collector (if needed) – next GA version.
- Identity Integrations:
  - Identity Collector - to support AD, Cisco ISE, and syslog parsing.
  - SAML authentication – configure the IDP once and use it everywhere!
  - **Entra ID Query: Login information from Microsoft Defender and Intune clients is shared directly with Infinity Identity services, with no additional CP client needed.**
  - Terminal Server agent (aka. MUHv2) – Q4
  - **Harmony EP – Q4**
  - **Harmony SASE – Q1'25**

# Infinity Identity Evolution and Roadmap

## Infinity Identity EA

- Add identity sources and integrations via Infinity Portal
- No need for complex PDP setup for large and distributed customers
- Add 3<sup>rd</sup> party integrations for identity enrichment

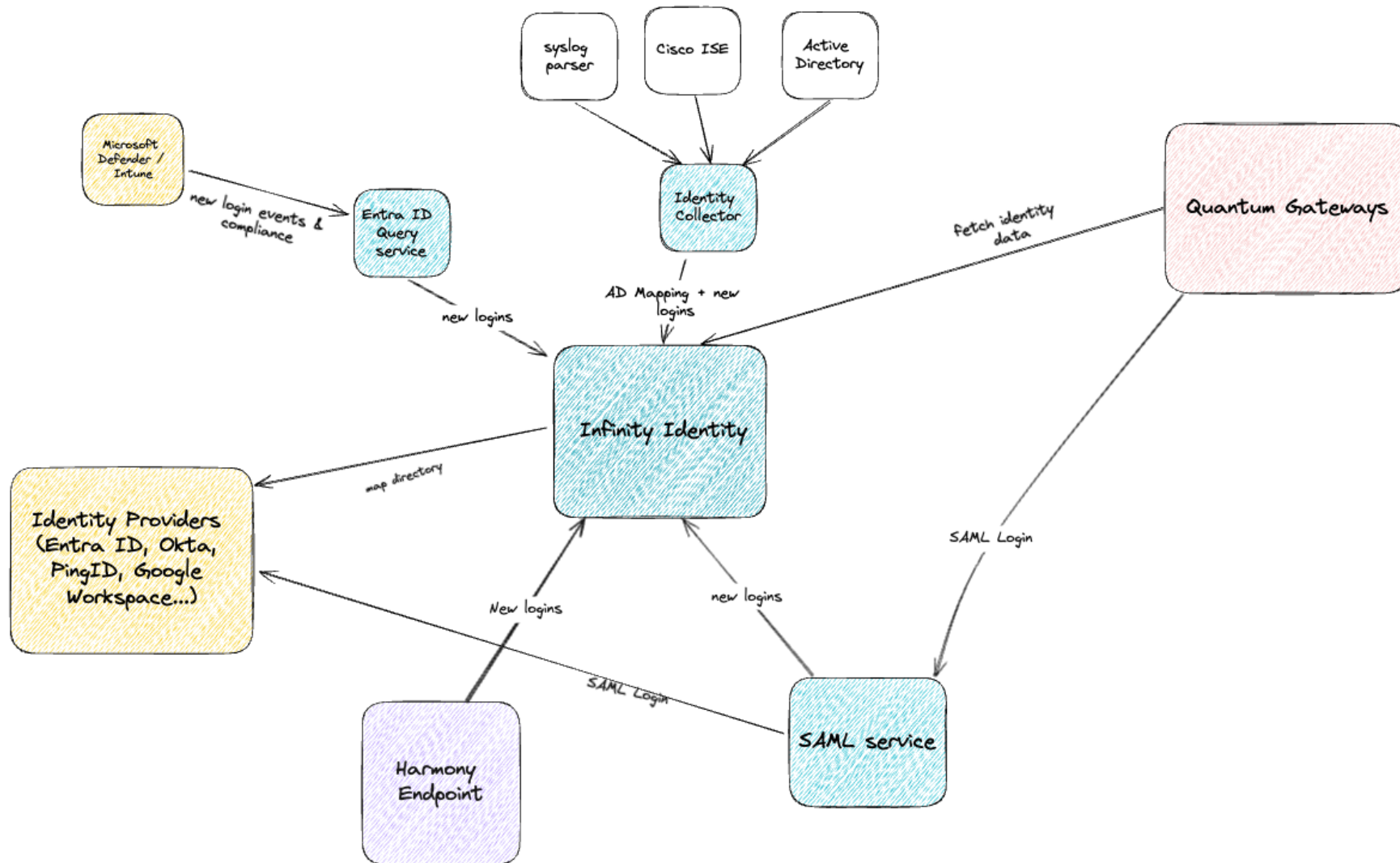
## R82 GA

- Added multiple IdPs which can be retrieved through Infinity Portal
- Ability to retrieve user groups from integrated IdPs

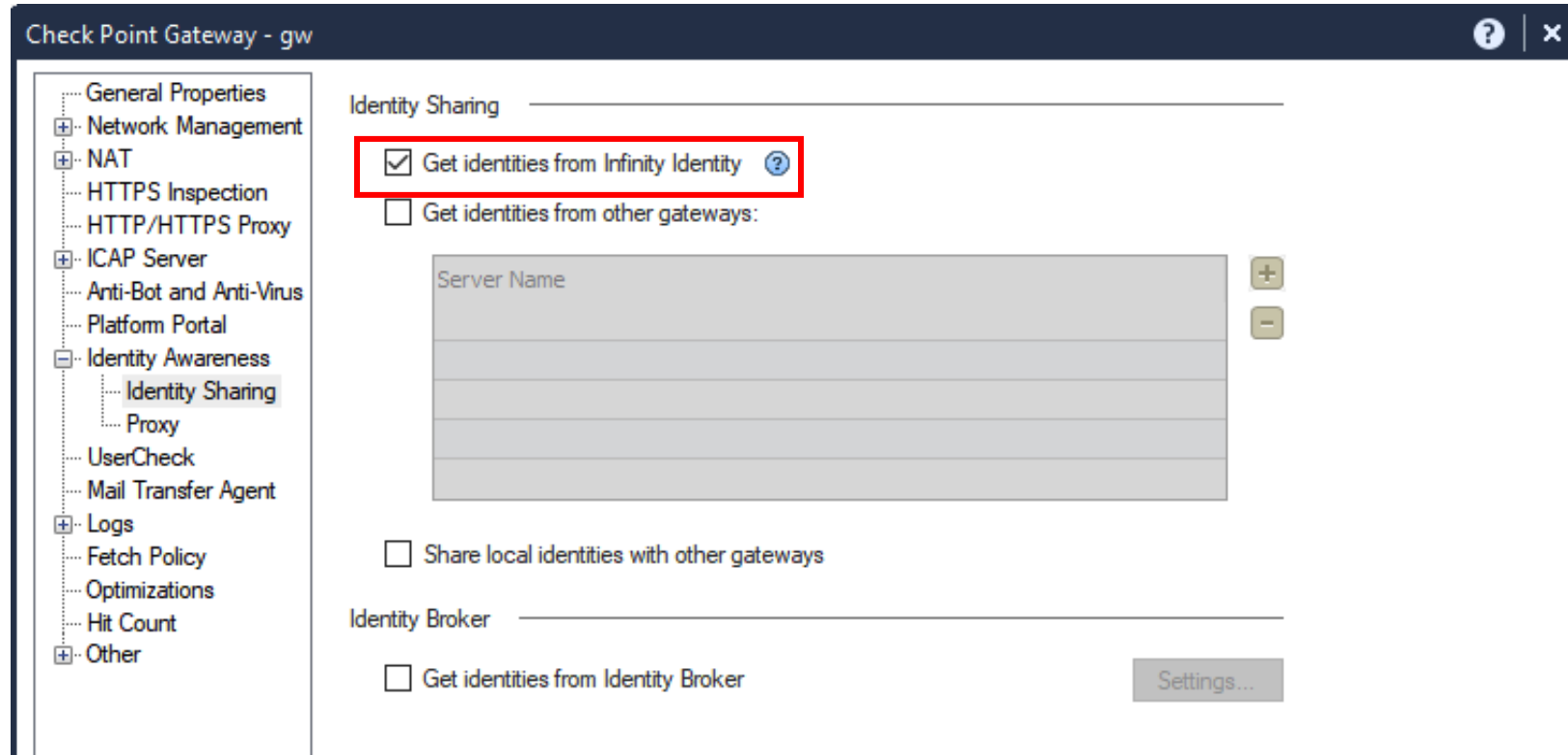
## Future

- Trust profile shared object
- Add Trust to Quantum Policy
- Implement identity sharing with Harmony SASE and other products

# Infinity Identity ecosystem




# Configuring Infinity Identity



Important note: it can work in parallel to regular identity sharing/broker

# Configuring Infinity Identity

- GATEWAYS & SERVERS
- SECURITY POLICIES
- LOGS & EVENTS
- INFINITY SERVICES
- MANAGE & SETTINGS




CONNECTED TO INFINITY PORTAL

IDA demo

Status: Active

Connected Since: 09-Jul-24 22:45:25

## Infinity Services




### Quantum SD-WAN

Inactive

Enhance your Quantum Gateways with SD-WAN capabilities. Connect your branches with multiple links to your Data Center, Internet, and Cloud, while saving costs and reducing roll-out time. Gain visibility on your WAN health to respond faster to burnouts and failures. [Learn more](#)

Set Up




### Quantum IoT Protect

Inactive

Discovering IoT Devices...

Set Up




### Infinity XDR/XPR

Inactive

Extended Detection and Response (XDR) enables an organization to proactively protect itself against cyber threats by providing unified visibility across multiple attack vectors. [Learn more](#)

Open in a Browser




### Infinity Events

Inactive

Enable data-connector to Infinity Events, for a unified log experience - event search and views in logs from all Check Point products. [Learn more](#)


Open in a Browser



### Remote APIs Access

Manage your security policies from everywhere over a secured channel directly from Check Point Infinity Portal. Easily integrate your Quantum Management environment with 3rd-party services that require running APIs on the Quantum Management Server. [Learn more](#)


OFF



### Infinity Playblocks

Active



Open in a Browser



### Infinity Identity

Active

Simplify user access across the Check Point ecosystem by connecting directories and identity sources once to Infinity Identity.

 batyam\_dc\_Infinity |  idntestintune\_Infinity +2

Open in a Browser

Last sync: 7/16/2024, 7:05 PM

# Configuring Infinity Identity

Getting started

Integrations

Active sessions



Welcome to Infinity Identity


Simplify id connecting Identity.

Configure integration – Identity Collector / Entra ID Query, Terminal Server agent...

Configure IDP / Active Directory

**Connect a directory**

Completed




Connect your Identity Provider or Microsoft Active Directory for authentication and authorization purposes.

[View Integrations](#) | [Add another Directory](#)

**Connect your identity integrations**

Completed



Connect Identity Awareness clients and Check Point products to Infinity Identity to fetch identity information from it.

[View Integrations](#)

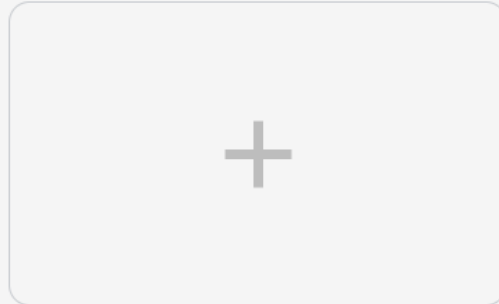
# Configuring Infinity Identity

Getting started

Integrations

Active sessions

## Integrations



**idntestintune**  
Microsoft Entra ID

Status	Domain	Users
Active	N/A	4

Devices	Groups
5	5

**test\_demo**  
AD

Status	Domain	Users
Active	test.com	0

Devices	Groups
0	0

**batyam\_dc**  
AD

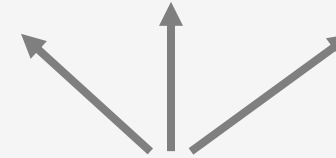
Status	Domain	Users
Active	N/A	167324

Devices	Groups
23075	96

**my\_idc**  
Identity Collector

Status	IP Address	Last updated
Active	172.20.57.24	18/07/24 05:41

Connected users	Connected devices
1	1



Show all configured IDPs and AD servers. For each server, presenting the number of users, devices, and groups that exist in this directory.

For every configured integration, present the number of users and devices acquired by it.

# Using the IDP in SmartConsole

The screenshot shows the 'New Access Role' configuration window in SmartConsole. The 'Users' section is selected in the left-hand navigation pane. Under 'Specific users/groups', a search window is open for the 'idntestintune' IDP. The search results table is as follows:

Name	Email/Description	Unique Identifier
garikk15	garik15@idnintune.onmicrosoft.com	a0dd918f-1d1f-4d59-bd81-50037dd8...
Gari Kogan	gari@idnintune.onmicrosoft.com	0cbefc21-1a18-416c-952d-8817890ea...
Royi Prioiv	Royi@idnintune.onmicrosoft.com	7f9fd3f2-09e6-4a4c-a8ec-da0caa43a6...
testUser123	testUser@idnintune.onmicrosoft.com	09f455d4-49c8-48b3-a615-463668e07...

Once an IDP is Configured in Infinity Identity, it will automatically be replicated to Quantum SmartConsole. The IDP can also be used to define access roles while fetching users, devices, and groups from the IDP automatically.



# Using the IDP in SmartConsole

1 SELECT IDP AND TITLE

2 INTEGRATION TYPE

3 VERIFY DOMAIN

4 ALLOW CONNECTIVITY

5 CONFIGURE & TEST

6 CONFIRM IDENTITY PROVIDER

Select Identity Provider and Title

Integration Title

This name will be shown to users with multiple IdPs on login.

ADFS / AD

Microsoft Entra ID

Okta

OneLogin

Ping

Generic SAML Server

Google Workspace

DUO

Radius

NEXT

This applies to all marked IDPs supported in Infinity Identity (marked in red), and for Active Directory.

# Active Session tab

Getting started

Integrations

Monitoring

Active sessions

Logs

## Active Sessions

By users By devices

View logs Revoke User Search 2 items

Name	Email	Domain	IP address	No. devices	Integration source	Directory	Last Updated Time
John Snow	John@checkpoint.com	Checkpoint.com	11.22.55.369	1	Cisco ISE	My Okta	20 min. ago
Arthur Clarke	Arthur@consult.com	consult.com	11.22.55.369	5	Harmony SASE	My Entra	2 days ago
Peter Thornton	Peter@outlook.com	outlook.com	11.22.55.369 11.22.55.378 +2	N/A	Active Directory	My Okta	23/05/23 17:45
Angus MacGyver	Angus@aol.com	aol.com	11.22.55.369	N/A	Identity Provider Entra ID Query +1	My Entra	12/05/23 17:45
Sledge Hammer	Sledg@consult.com	consult.com	11.22.55.369	3	Cisco ISE	Okta 1	10/05/23 13:01
Dori Doreau	Dori@consult.com	consult.com	11.22.55.369	1	Harmony SASE	Ping 2	08/05/23 07:19
Devon Miles	Devon@gmail.com	gmail.com	11.22.55.369	1	NetIQ eDirectory	Google workspace	02/05/23 21:13
Hannibal Smith	Hannibal@checkpoint....	Checkpoint.com	11.22.55.369	1	Syslog	Onelogin	28/04/23 16:00
Thomas Magnum	Thomas@checkpoint....	Checkpoint.com	11.22.55.369	N/A	Microsoft Defender	Generic SAML ser...	23/04/23 16:42

### Arthur Clarke

Devices 5 Groups 1

View logs Revoke device Search 4 devices

Device name	IP address	Integration source	Directory	Last updated time
lbrt02	98.34.12.34	N/A	My Okta	20 min. ago
arthurc-mbp	18.24.42.73	Harmony SASE	My Entra	5 min. ago
artur-iPhone13	63.23.45.5	Active Directory	My Okta	2 days ago
...	...	...	...	...



**Thank You!**

YOU DESERVE THE BEST SECURITY