Infinity Identity

(aka Identity Next)

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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

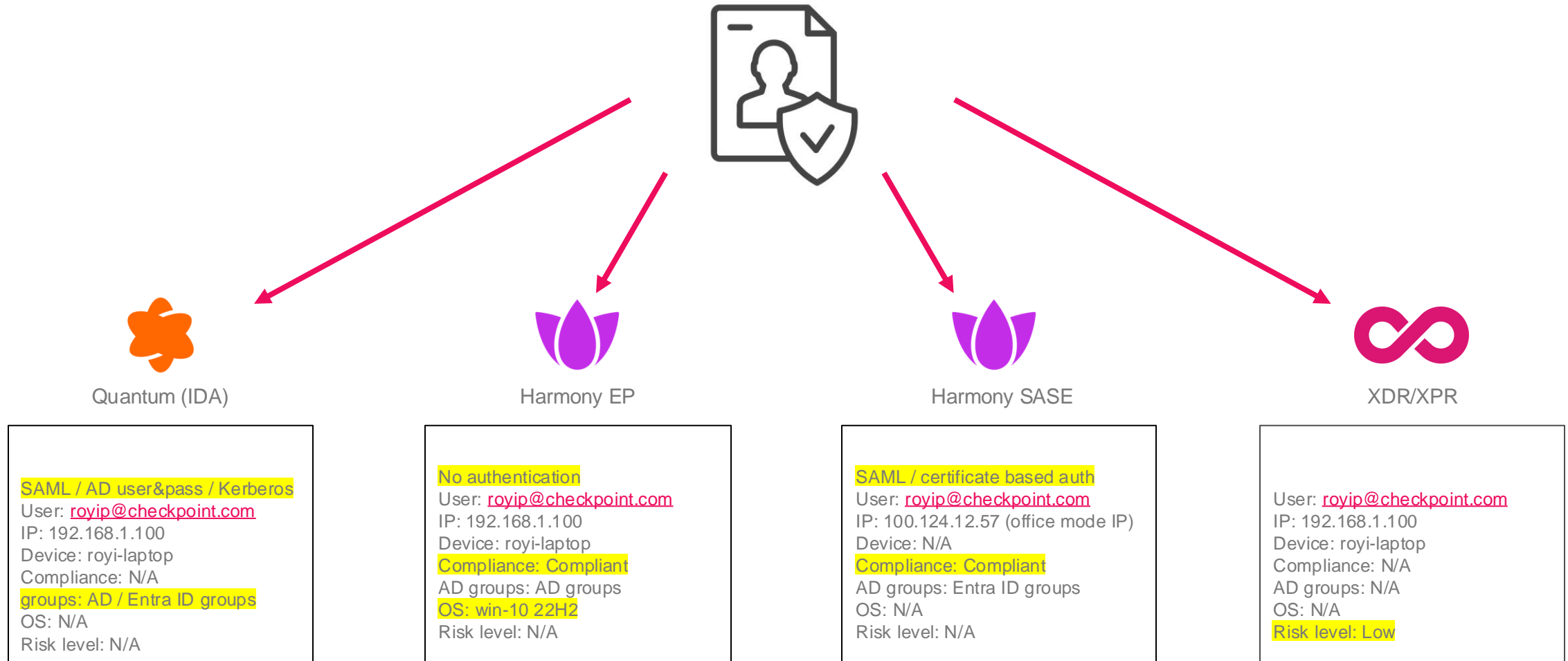Identity sources and directories need to be configured per product (sometimes per blade)

The current on-prem IDA setup for large and distributed configurations is complex
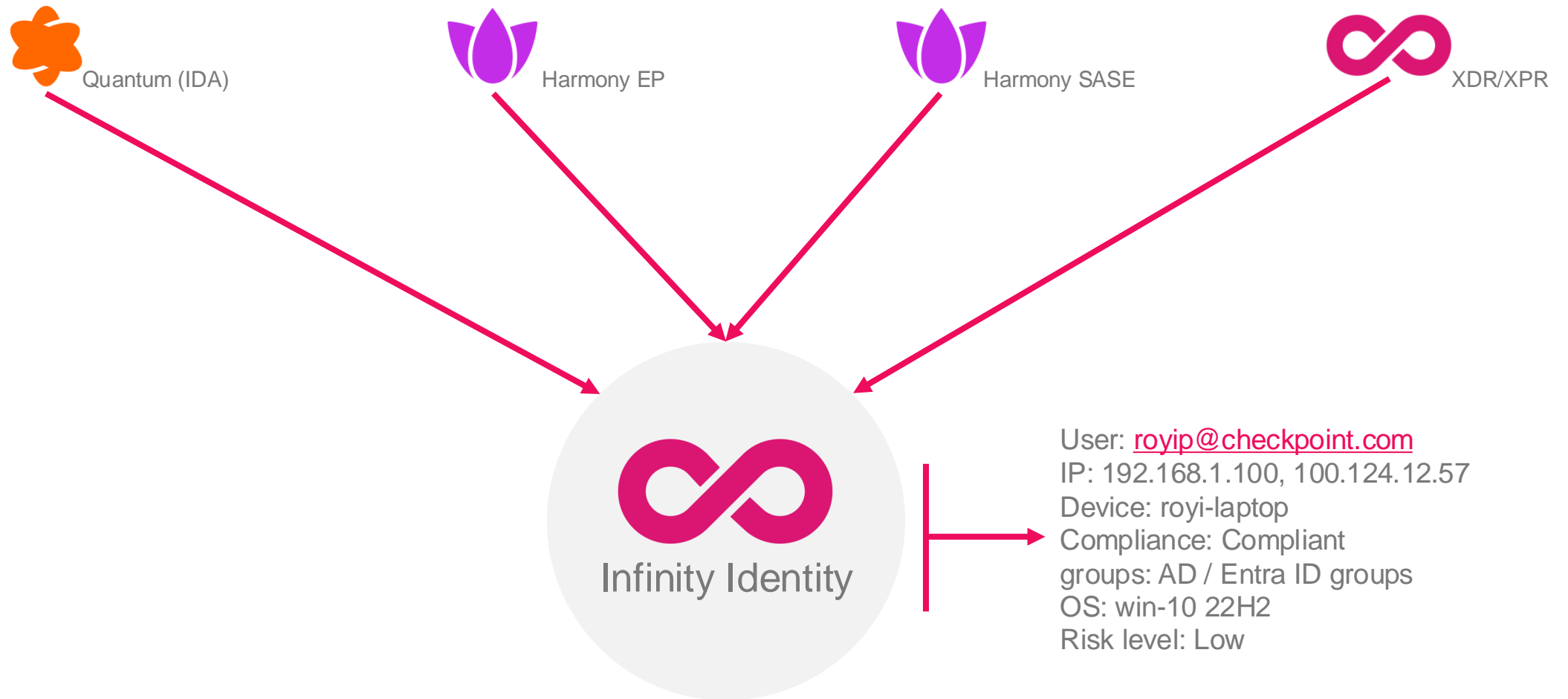
03 Zero Trust access control

Challenges in implementing identity-based Zero Trust access control

CHECK POINT

Today – Information spread across multiple products

Quantum (IDA)

SAML / AD user&pass / Kerberos
User: royip@checkpoint.com
IP: 192.168.1.100
Device: royi-laptop
Compliance: N/A
groups: AD / Entra ID groups
OS: N/A
Risk level: N/A

Harmony EP

No authentication
User: royip@checkpoint.com
IP: 192.168.1.100
Device: royi-laptop
Compliance: Compliant
AD groups: AD groups
OS: win-10 22H2
Risk level: N/A

Harmony SASE

SAML / certificate based auth
User: royip@checkpoint.com
IP: 100.124.12.57 (office mode IP)
Device: N/A
Compliance: Compliant
AD groups: Entra ID groups
OS: N/A
Risk level: N/A

XDR/XPR

User: royip@checkpoint.com
IP: 192.168.1.100
Device: royi-laptop
Compliance: N/A
AD groups: N/A
OS: N/A
Risk level: Low

Goal – A unified solution for identities across Check Point products

Quantum (IDA)

Harmony EP

Harmony SASE

XDR/XPR

Infinity Identity

User: royip@checkpoint.com
IP: 192.168.1.100, 100.124.12.57
Device: royi-laptop
Compliance: Compliant
groups: AD / Entra ID groups
OS: win-10 22H2
Risk level: Low

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

Seamless integration with existing Check Point and 3rd party tools

Centralized management of all IDPs and directories

Real-time data from various sources for a holistic view

3rd Parties

Infinity Identity

Bidirectional

Check Point
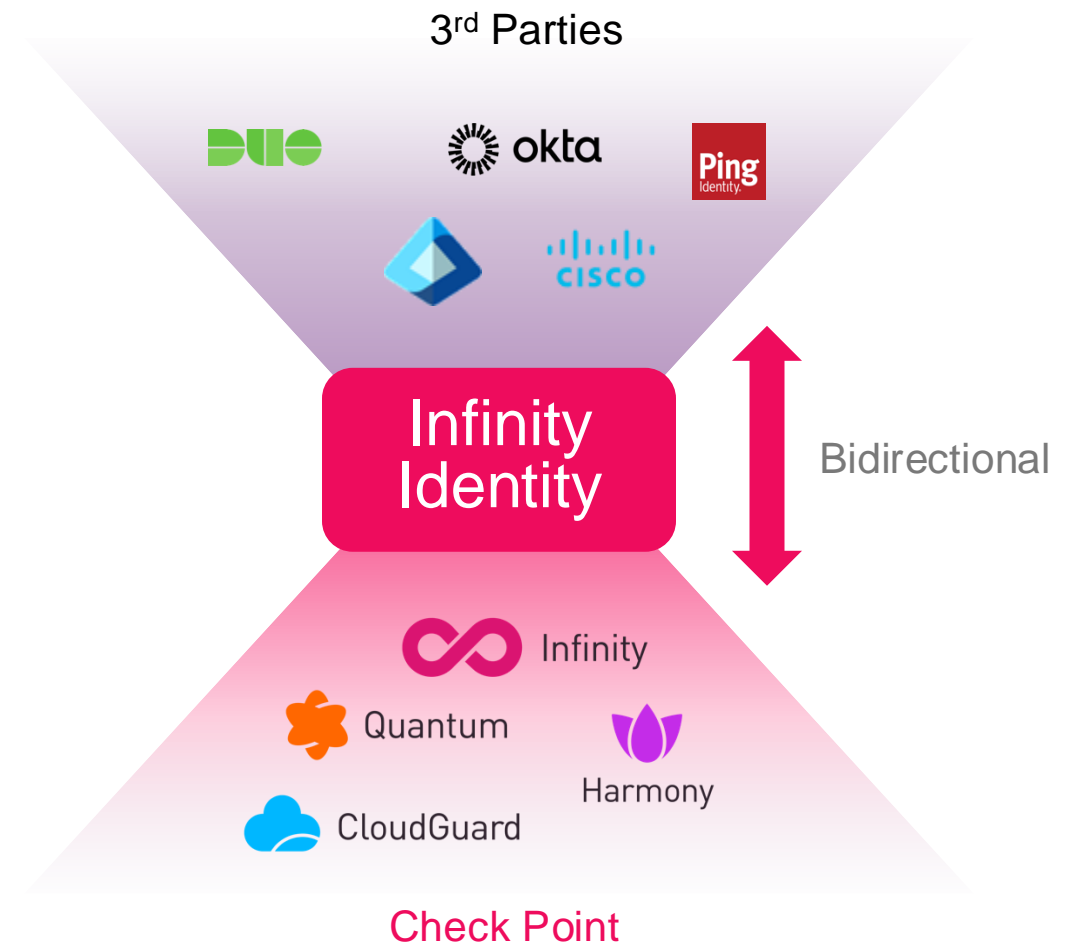
Today - Complex IDA architecture for large and distributed customers
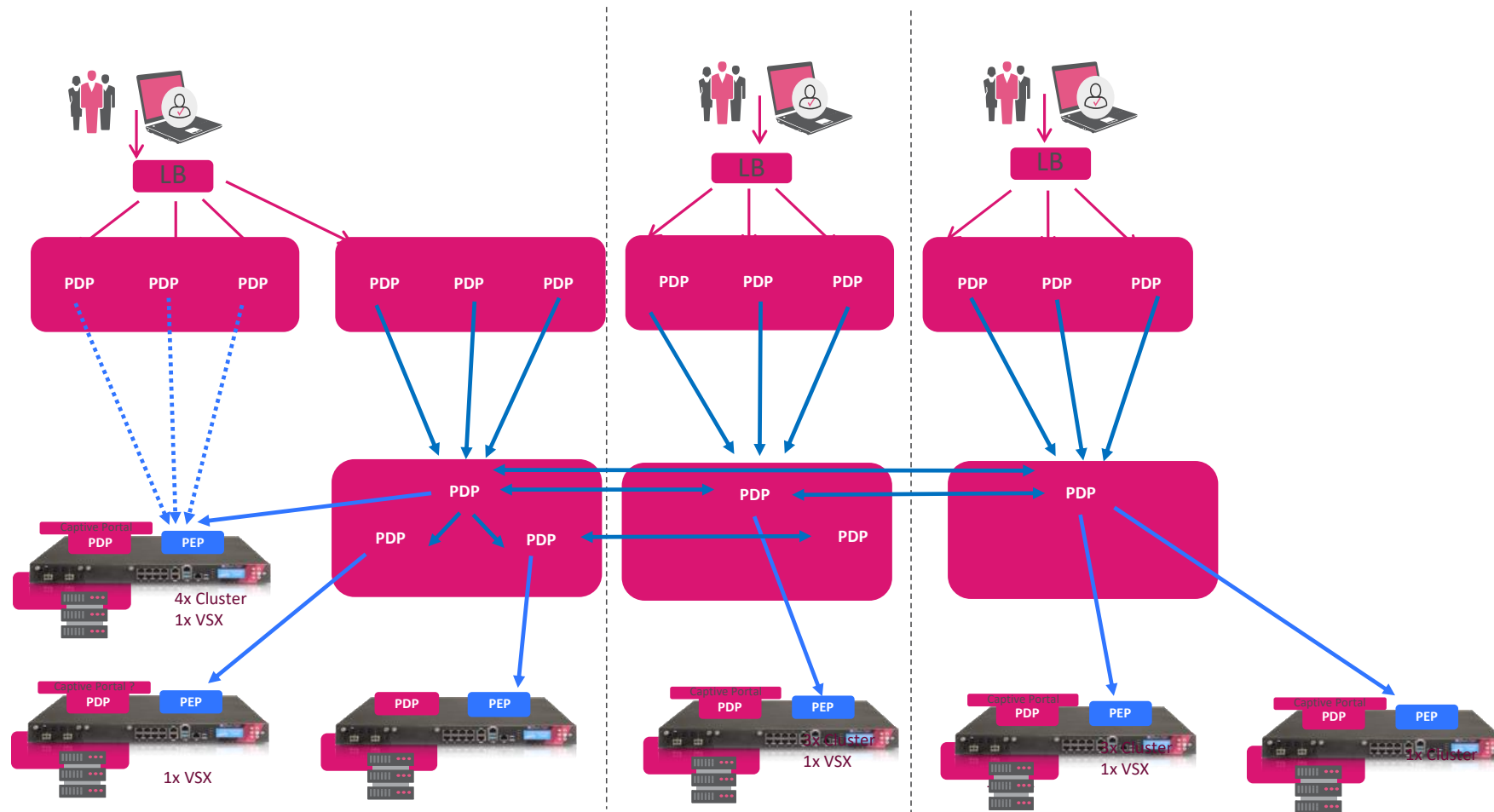
Simple Cloud-Delivered Configuration

1x VSX

3x Cluster
1x VSX

3x Cluster
1x VSX

1x Cluster
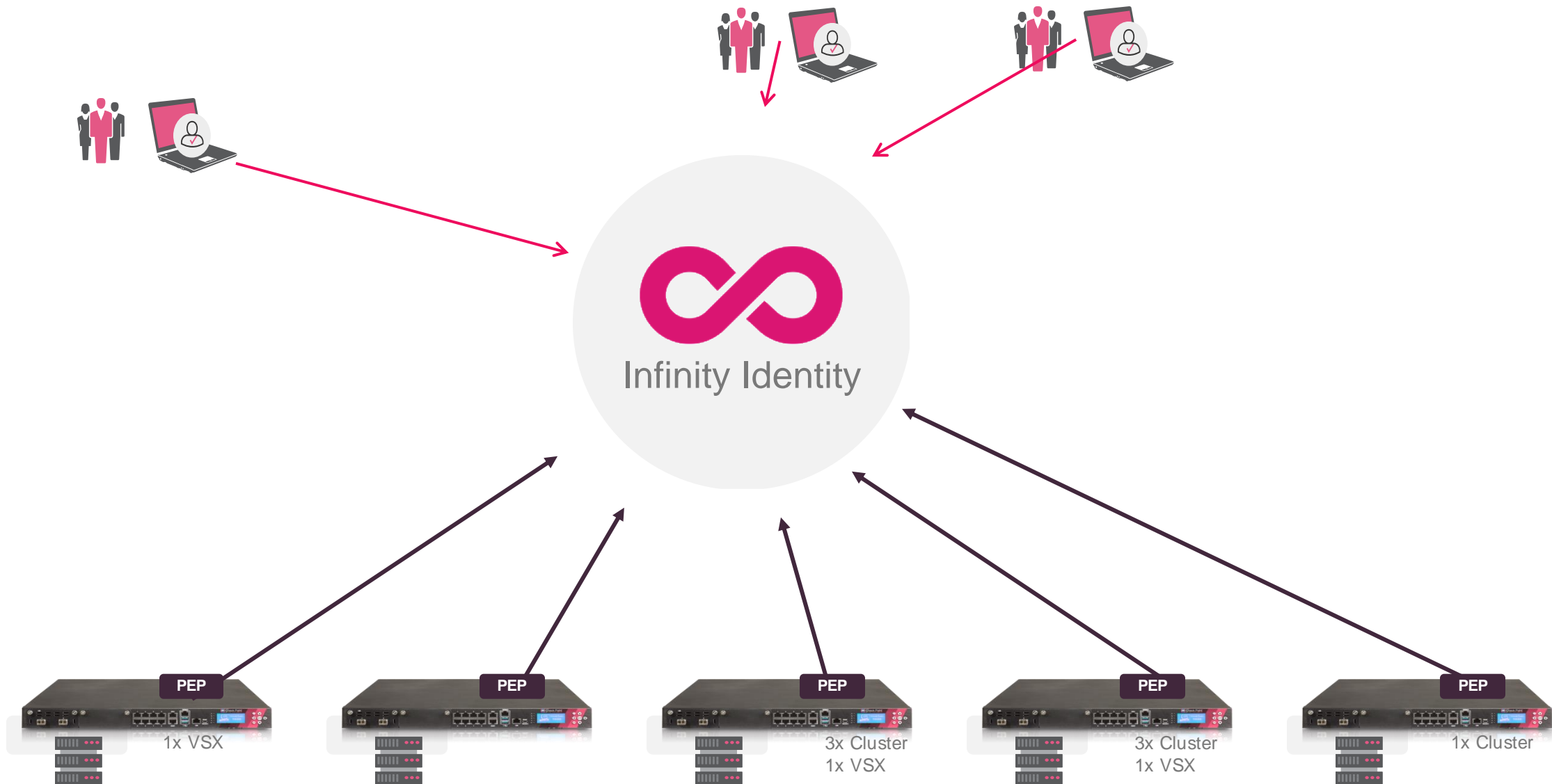
Infinity Identity Offering

- 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 3rd 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
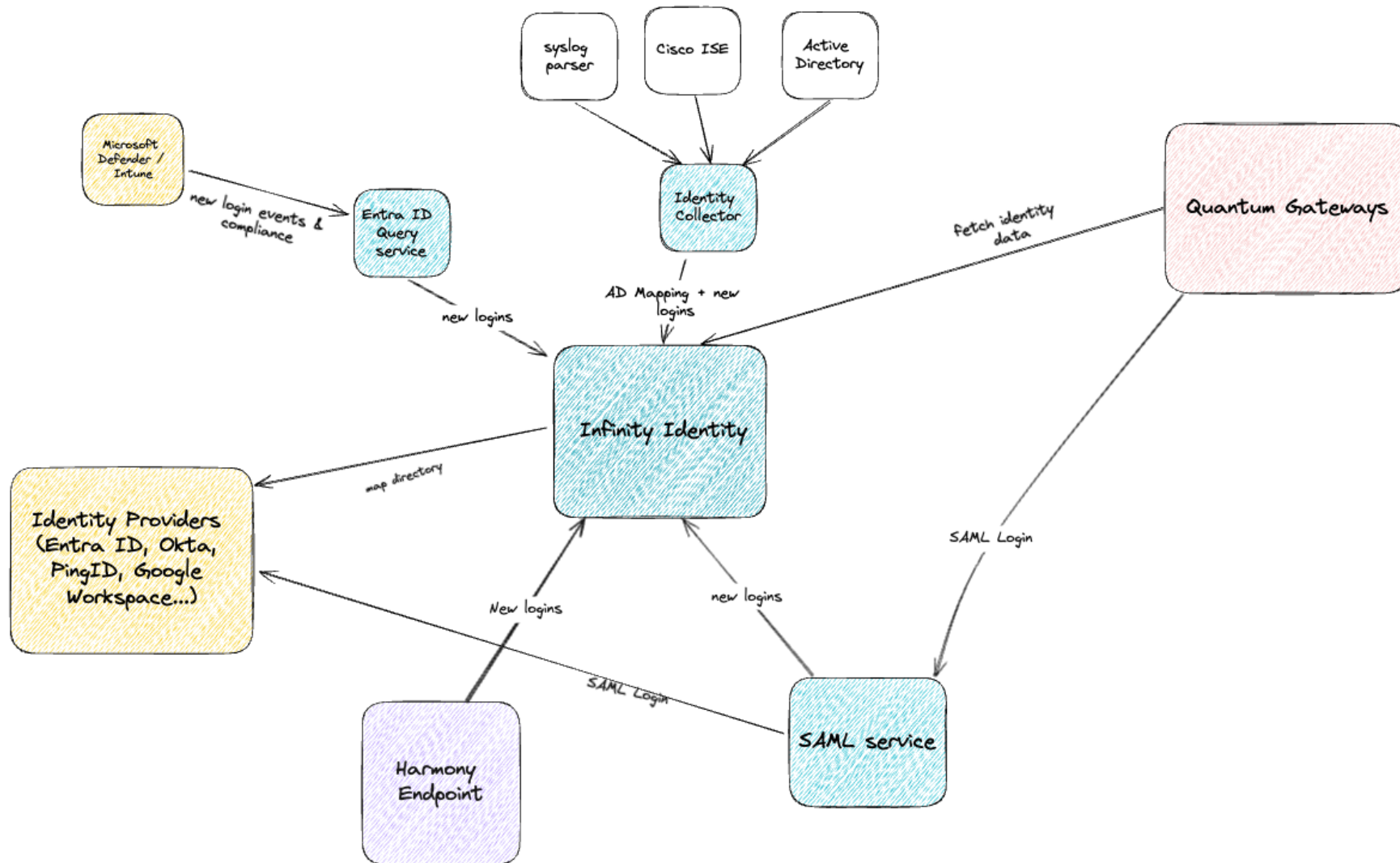
Configuring Infinity Identity
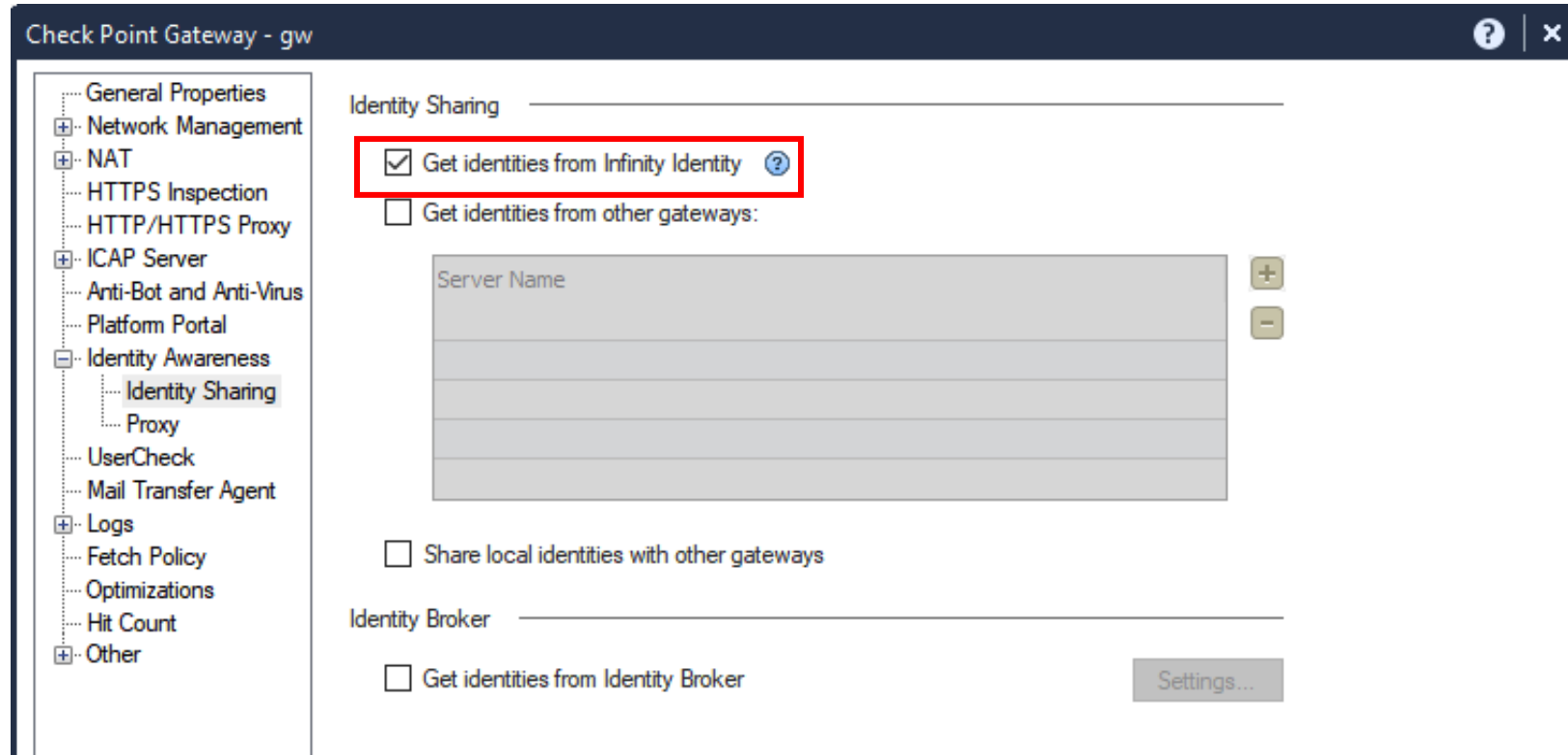
Important note: it can work in parallel to regular identity sharing/broker

Configuring Infinity Identity

Configuring Infinity Identity

Configure IDP / Active Directory

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

Configuring Infinity Identity

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

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

Using the IDP in SmartConsole

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

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

Active Session tab

CHECK POINT™

Thank You!

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