

Checkmk #12
Conference



Extending Checkmk Automation with n8n

From Monitoring to Orchestration



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Who we are

LYNXMIND

What we do

**Integration
Services**

**Platform
Engineering**

**Cloud
Services**

**SAP
Services**

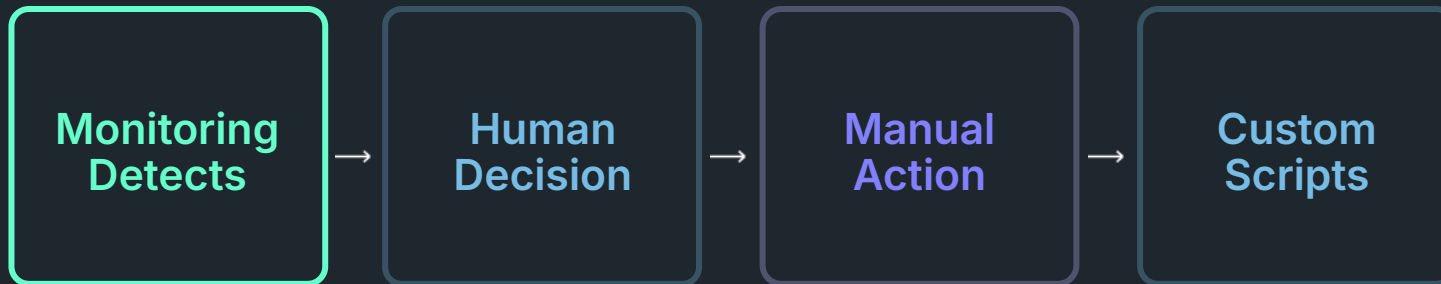
**Digital
Experience**

AI Engineering

Where we are



Monitoring knows. Now what?



Human Bottlenecks

Every alert needs a decision.

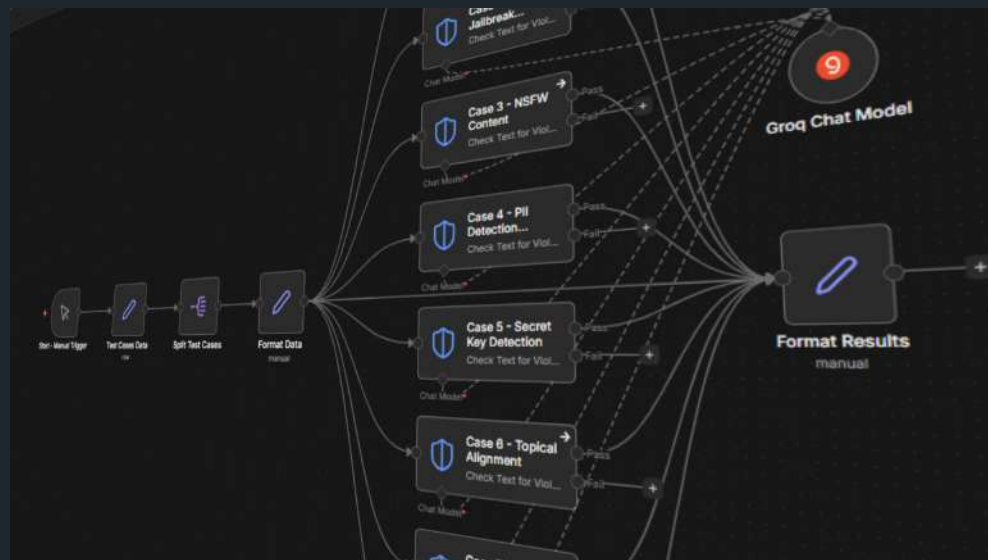
Automation Sprawl

Scripts everywhere, governance nowhere.

Untapped Intelligence

Monitoring data without action.

What is n8n?



Visual workflow builder
Low-code automation

Connect Anything
ITSM, CMDB, Cloud, APIs

Enterprise Automation
Complex workflow orchestration



Why we built the Checkmk node

Before

Automation required API work

- ✘ Endpoint knowledge required
- ✘ Error handling
- ✘ JSON payload structuring
- ✘ Authentication handling
- ✘ Script management

The official Checkmk node for n8n



Node Actions
160+ actions available

Status
Enterprise-Ready

Maintained by
Lynxmind

The screenshot displays the n8n workflow editor. A workflow is visible with three nodes connected in sequence: 'Activate changes', 'Get many hosts', and 'Get pending changes'. Each node features the Checkmk logo. The 'Node details' panel on the right shows the 'Checkmk' node is installed and provides a list of 176 actions, categorized into 'ACTIVATE CHANGE ACTIONS', 'ALERT ACTIONS', 'ALERT LOG ACTIONS', 'AUX TAG ACTIONS', and 'BACKGROUND JOB ACTIONS'. The 'ACTIVATE CHANGE ACTIONS' list includes: 'Activate changes', 'Get an artifact/run', 'Get pending changes', and 'Show all currently pending actions'. The 'ALERT ACTIONS' list includes: 'Get many alerts'. The 'ALERT LOG ACTIONS' list includes: 'Get many alert logs' and 'Mark alert log entries to archive'. The 'AUX TAG ACTIONS' list includes: 'Create an aux tag', 'Get many aux tags', 'Update an aux tag', 'Delete an aux tag', and 'Get an auxiliary tag'. The 'BACKGROUND JOB ACTIONS' list is currently empty.

Use case

Integrating Monitoring, CMDB & IPAM

Unified, reconciled asset data across three critical operational systems - automatically synchronized.

Monitoring, CMDB & IPAM reconciliation

The problem & the challenge



**Monitoring knows
what exists**

Checkmk discovers
assets automatically.

Monitoring, CMDB & IPAM reconciliation

The problem & the challenge



Monitoring knows what exists

Checkmk discovers
assets automatically.



CMDB knows what should exist

Tracks authorised
assets.

Monitoring, CMDB & IPAM reconciliation

The problem & the challenge



Monitoring knows what exists

Checkmk discovers assets automatically.



CMDB knows what should exist

Tracks authorised assets.



IPAM knows where it exists

Track IP ownership and allocation.

Monitoring, CMDB & IPAM reconciliation

The problem & the challenge



Three systems. Three versions of reality

Monitoring, CMDB & IPAM reconciliation

The orchestrated approach



CMDB



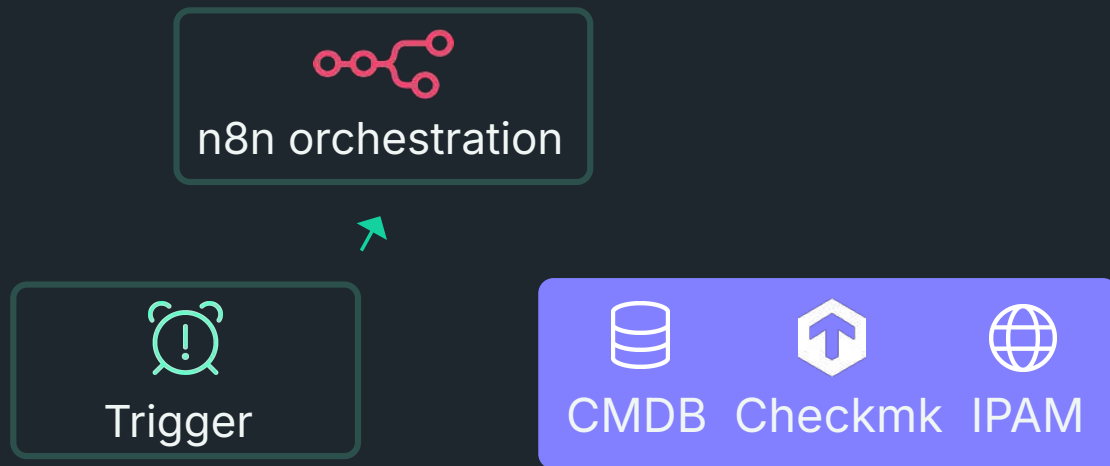
Checkmk



IPAM

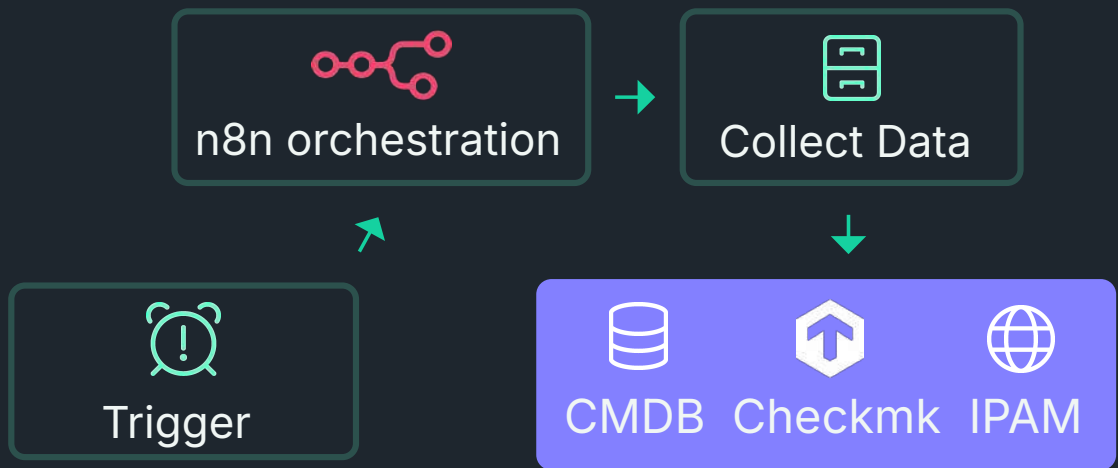
Monitoring, CMDB & IPAM reconciliation

The orchestrated approach



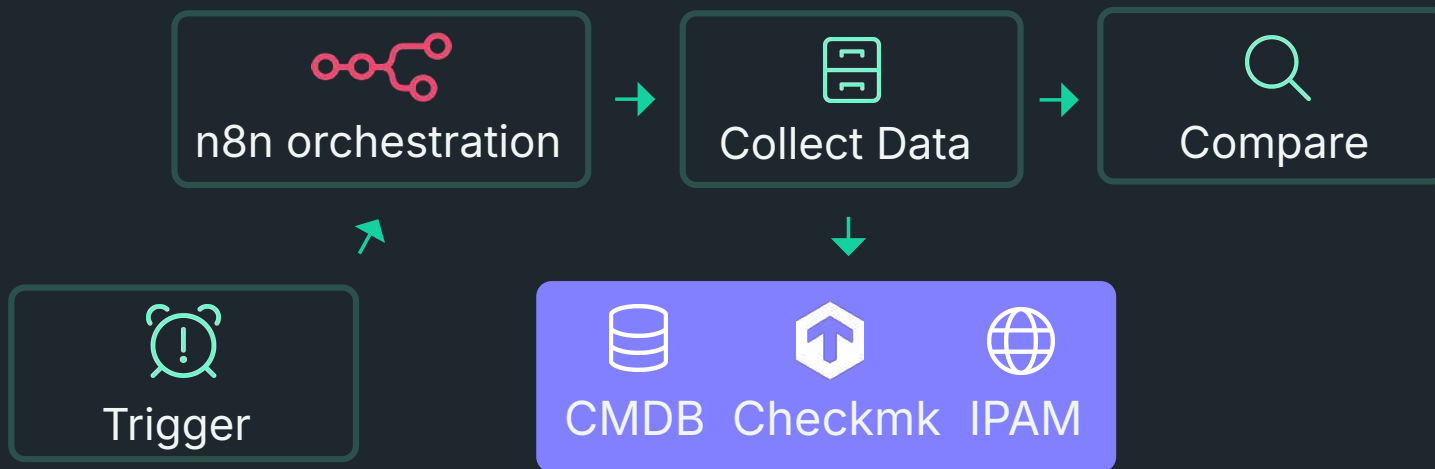
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The orchestrated approach



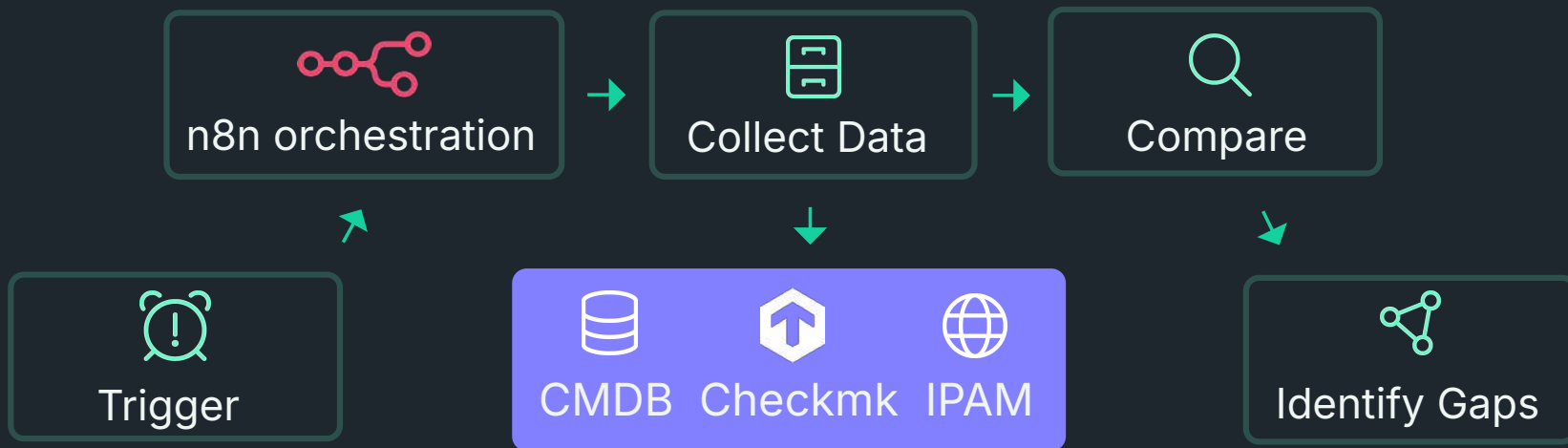
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The orchestrated approach



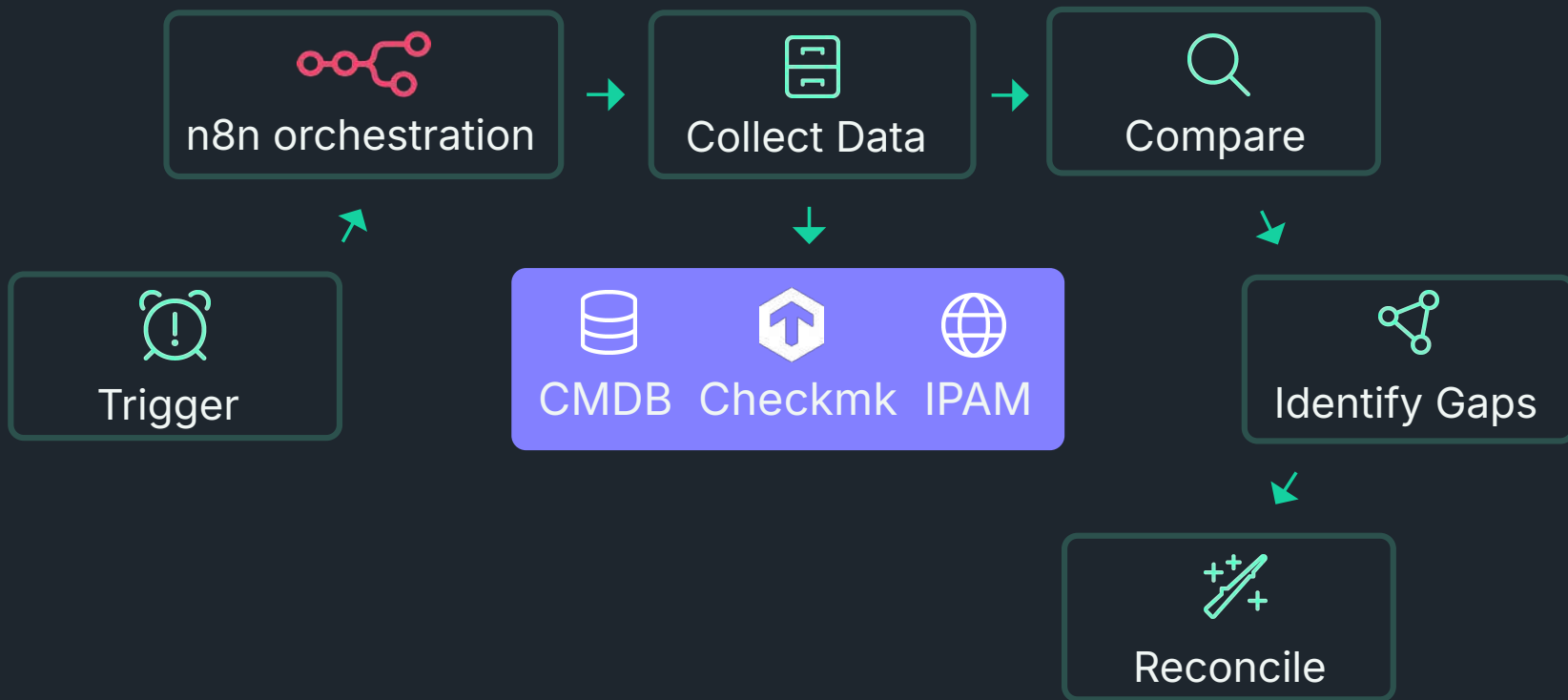
Monitoring, CMDB & IPAM reconciliation

The orchestrated approach



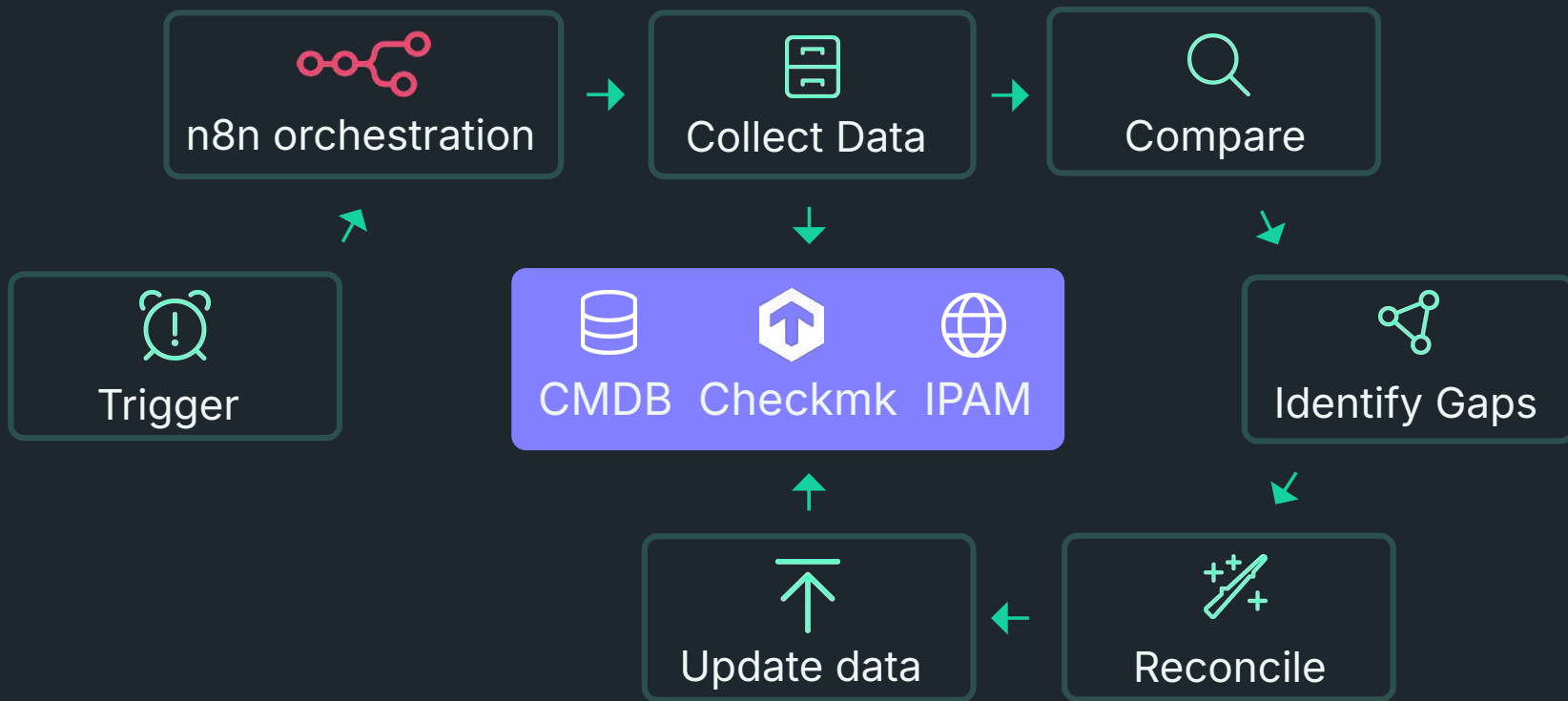
Monitoring, CMDB & IPAM reconciliation

The orchestrated approach



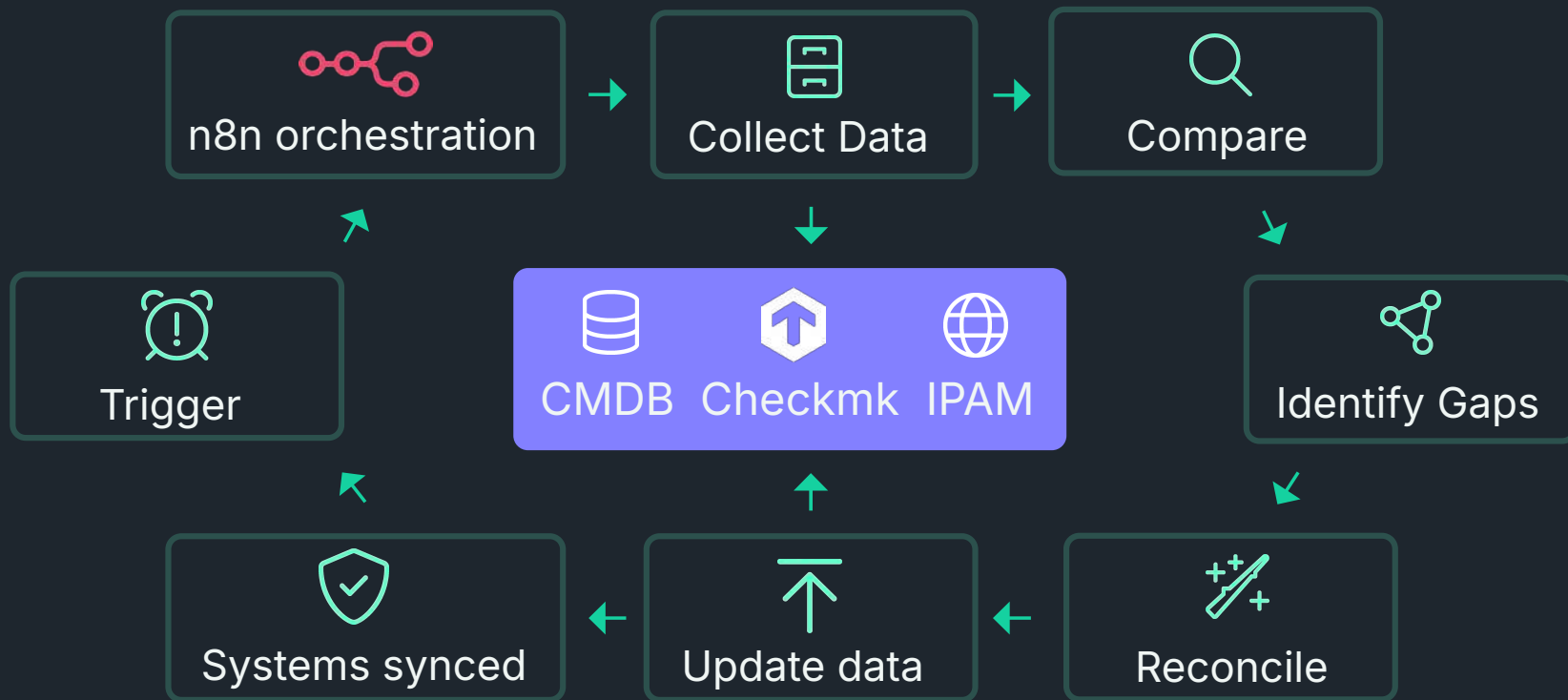
Monitoring, CMDB & IPAM reconciliation

The orchestrated approach

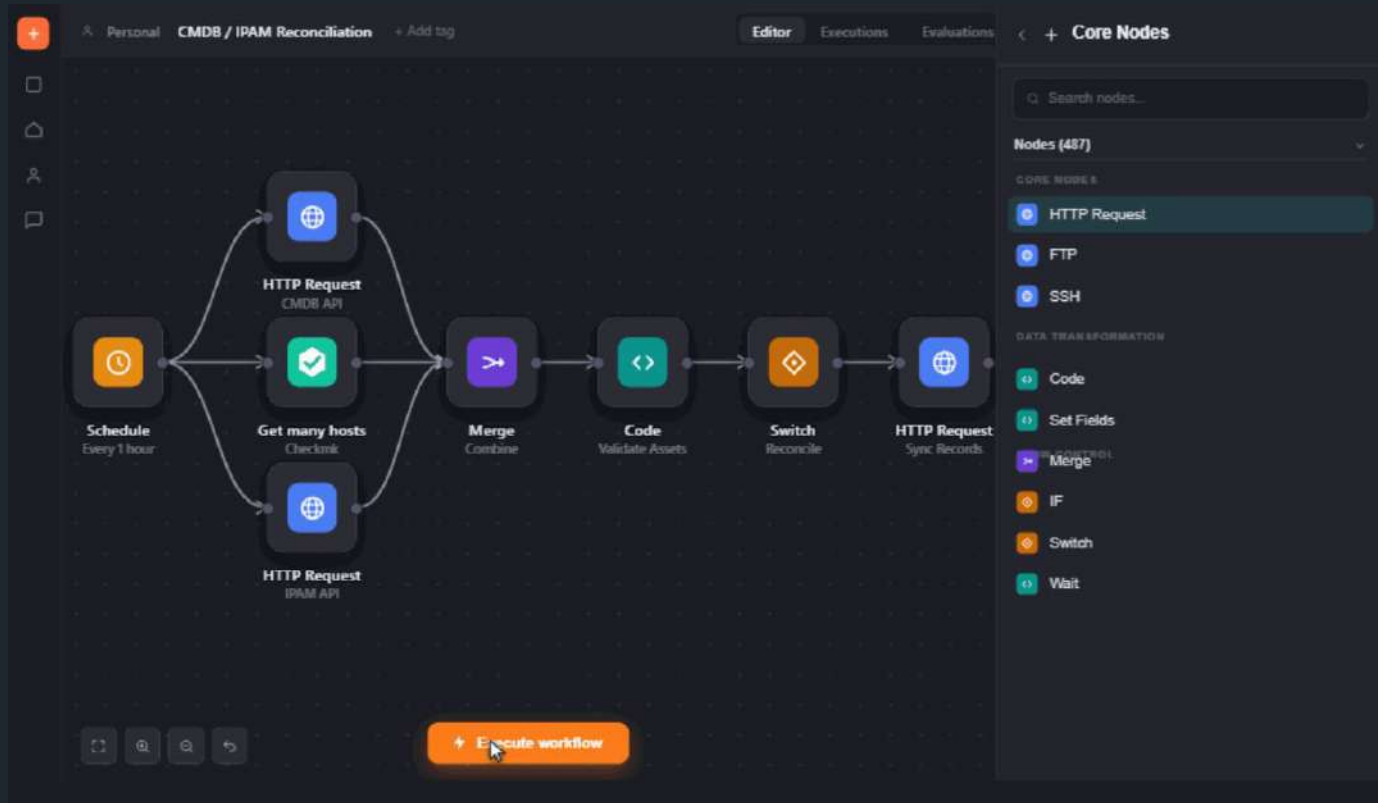


Monitoring, CMDB & IPAM reconciliation

The orchestrated approach








Monitoring, CMDB & IPAM reconciliation







Less manual work, better data, better decisions



Before

-  Endpoint knowledge required
-  Error handling
-  JSON payload structuring
-  Authentication handling
-  Script management

After

-  Continuous alignment
-  Trusted inventory data
-  Reduced operational effort
-  Unified asset visibility

Where this is going

Vision & Future

AI-Assisted Workflows

Suggest actions based on operational data

Predictive Remediation

Trigger actions before incidents occur

Root Cause Analysis

Pardinus-powered RCA using Checkmk data

Long-Term Commitment

Community-driven, enterprise-maintained

Checkmk provides the intelligence. n8n provides the action.



Thank You!

exchange.checkmk.com/p/n8n

n8n.io/integrations/checkmk

lynxmind@checkmk.com



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