



"Identity is the new control plane"

- Brad Anderson, Corp VP - Microsoft

"Network perimeter is replaced by your identity perimeter"

- Paul Mayfield, PM - Microsoft

"91% of healthcare orgs have had a data breach"

- Jackson Shaw, Sr. Director Product Management - Dell



Advania gruppen



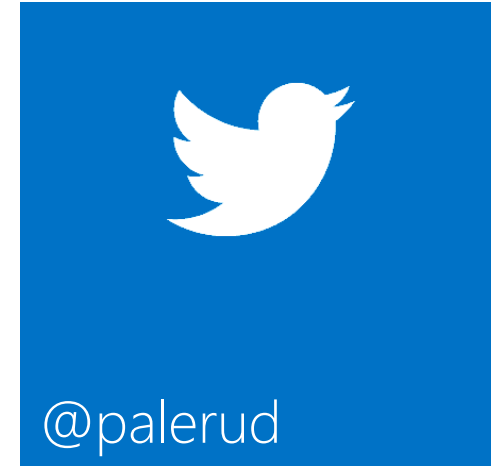
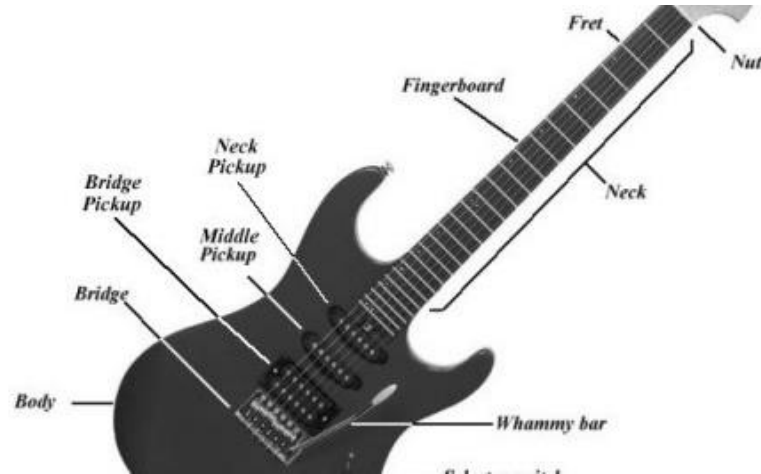
Identity

GRC, GDPR and Reality

Fredrik Pålerud
Technical Architect

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FACTORY

Fredrik Pålerud



Technical
Architect



Dell Software
Identity
Solutions



[http://itinreality.
blogspot.se/](http://itinreality.blogspot.se/)



Microsoft MCSE
Dell Software IAM SME
Dell Software GRC SME

Agenda

- GRC- Governance, Risk and Compliance.
- GDPR – The General Data Protection Regulation.
- The Stairway to Identity - in general.
- GRC, GDPR and The Stairway to Identity.
- Success Factors.
- Questions?

Governance, Risk and Compliance

The 5 W's

- Who
- What
- When
- Why
- Which (workstation)

Governance, Risk and Compliance

Around-the-clock peace of mind



- Analyze access rights and permissions
- Determine configuration settings
- Set baselines

Governance, Risk and Compliance

Around-the-clock peace of mind



- Analyze access rights and permissions
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 - Set baselines
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- Track key performance and security indicators
 - Audit and report on user activity
 - Enable real-time alerts

Governance, Risk and Compliance

Around-the-clock peace of mind



- Implement preventative controls
- Report on and rectify deviations and security breaches
- Discover and restore AD objects, forests, email content and mailboxes

- Analyze access rights and permissions
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Governance, Risk and Compliance

Around-the-clock peace of mind

- Administer access rights and permissions
- Implement best-practice compliance reporting
- Retain and retrieve data

- Implement preventative controls
- Report on and rectify deviations and security breaches
- Discover and restore AD objects, forests, email content and mailboxes



- Analyze access rights and permissions
- Determine configuration settings
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GDPR

The General Data Protection Regulation

What is GDPR?



The General Data Protection Regulation (GDPR) is a new piece of legislation that was agreed in December 2015, and will be effective from early 2018.

Goal: removes the complexities that businesses currently face around complying with multiple local regulations across the EU (28).

GDPR unifies EU data protection legislation, simplifying processes and legal obligations for any country dealing with more than one EU state.

GDPR Benefits

Business

- One EU Market - One law
- One single authority
- Same rules for all companies

EU Citizens

- Improved data security
- Forcing new behavior around data security control

Some of the Key Features

- **Personal data**

GDPR's scope is limited to personal data. For example, an IP address that can identify a specific user's device is regarded as personal data.

- **Data breach**

GDPR defines a data breach as an action that leads to "the accidental or unlawful destruction, loss, alteration, unauthorized disclosure of, or access to, personal data transmitted, stored or otherwise processed." However, the EU regards a loss of encrypted data as not constituting a data breach, and many companies will use this guideline as justification for encrypting as much data as deemed necessary.

- **Continuous compliance and audit**

GDPR introduces the concept of continuous compliance: yearly, every 6months, monthly, weekly. At any point an auditor can ask a company to demonstrate compliance, and the company must be able to do that more or less immediately.

Who does it apply to?

All companies that process EU citizen data are subject to GDPR compliance except for companies with 250 employees or less, and some exceptions that relate to national security.

GDPR also applies to the collection of personal data of EU citizens. It is important to understand that the new regulations apply irrespective of whether the data controller or processor have a physical presence in the EU.

The implications here are important: any provider that is not based, or has no presence, in the EU is included. This means, for example, cloud service providers based in the US.

Why should our customers care?

GDPR changes the game for organizations because of two key features:

- The fine for non-compliance with GDPR reaches a maximum of 4% of global revenue. The prospect of receiving such a fine gets boardroom attention. No board member will want to have to explain to shareholders why profits and stock price have fallen due to a data breach resulting in a substantial fine.
- GDPR introduces the concept of mandatory breach notifications. For almost all companies within the EU this will be the first time that they will have had to, by law, admit to data breaches. While the extent of reporting breaches is limited to the Supervisory Authority and affected customers, bad news travels quickly, and such information would leak quickly into the public domain. Organizations then have the media spotlight shone directly upon them.

Software features required to map with GDPR

- Support Role-Based Access Control as well as Context-Based rules.
- Full traceability of access to sensitive data not only by regular users but also by privileged access ones.
- Detailed reports of access to different sets of data, fully embracing Data Governance discipline.
- Individual accountability and adoption of attestation and re-certification so that the business knows the impact.
- Deployment of segregation of duties to enhance visibility and responsibility.

Conditions for complying with GDPR

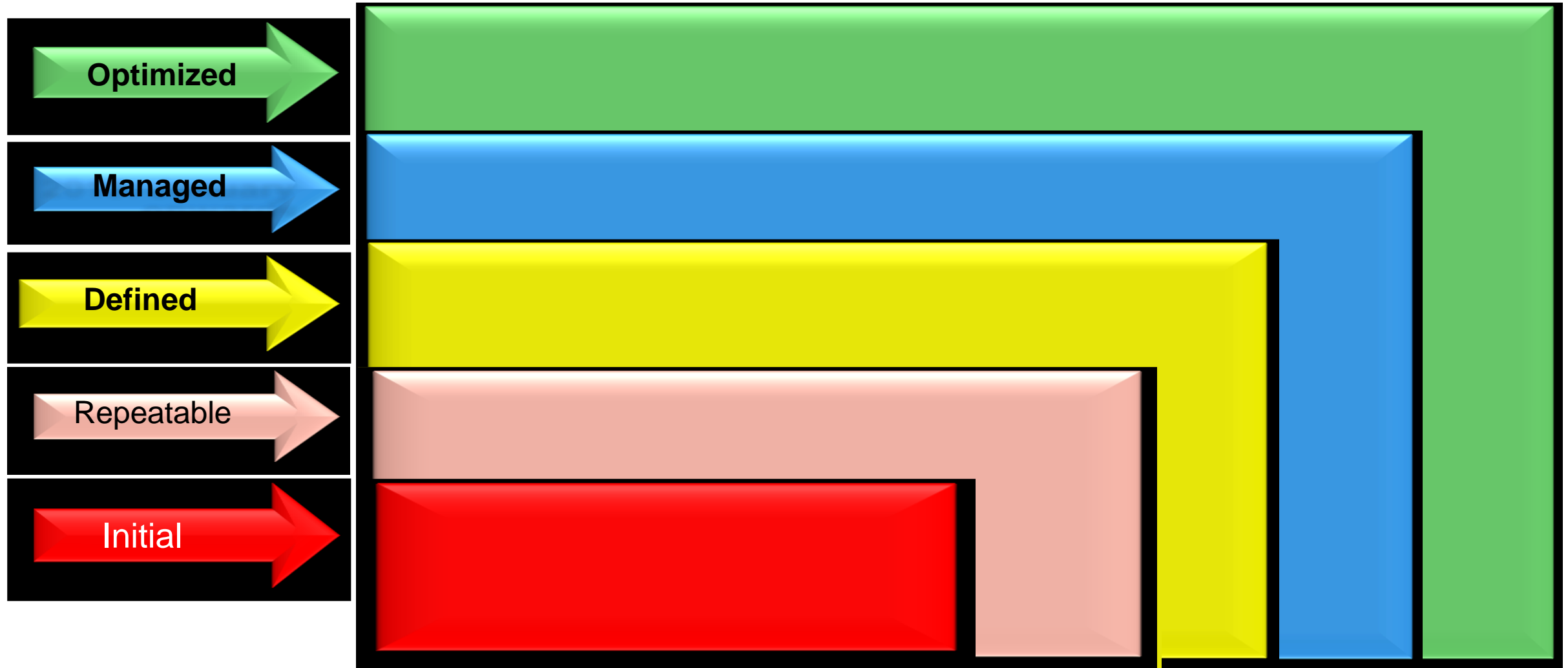
Conditions	Description
Processing Limitation	Process only as much as you need and for no longer than necessary
Purpose Specification	Only process for specific purpose
Further Processing	Consider original purpose before passing on information or re-purposing
Information Quality	Ensure information is relevant and up to date
Openness	Clearly communicate why the information is processed and who sees it
Participation	Allow the data subject access
Accountability	The party that determines the means of, and purpose for processing is ultimately responsible
Security	Take reasonable measures to protect the personal information

The Stairway to Identity

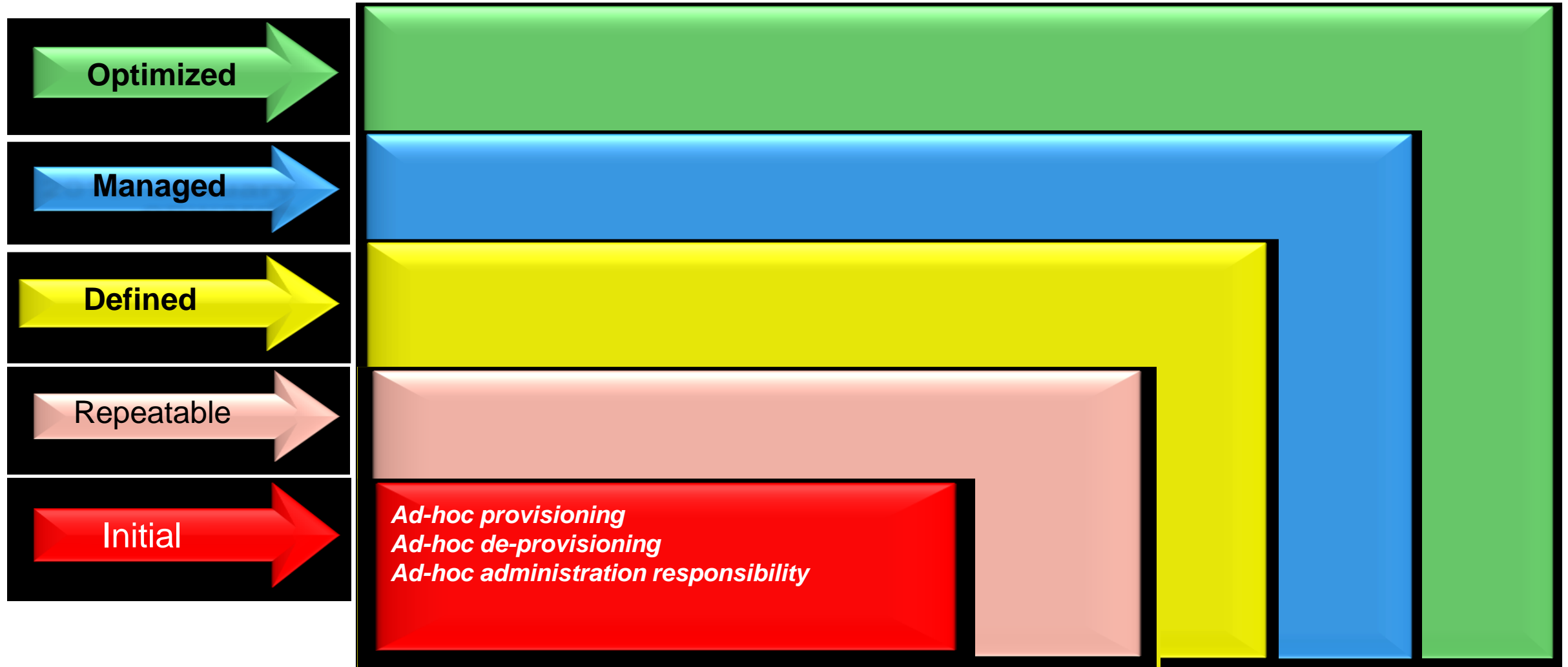
Connecting to reality

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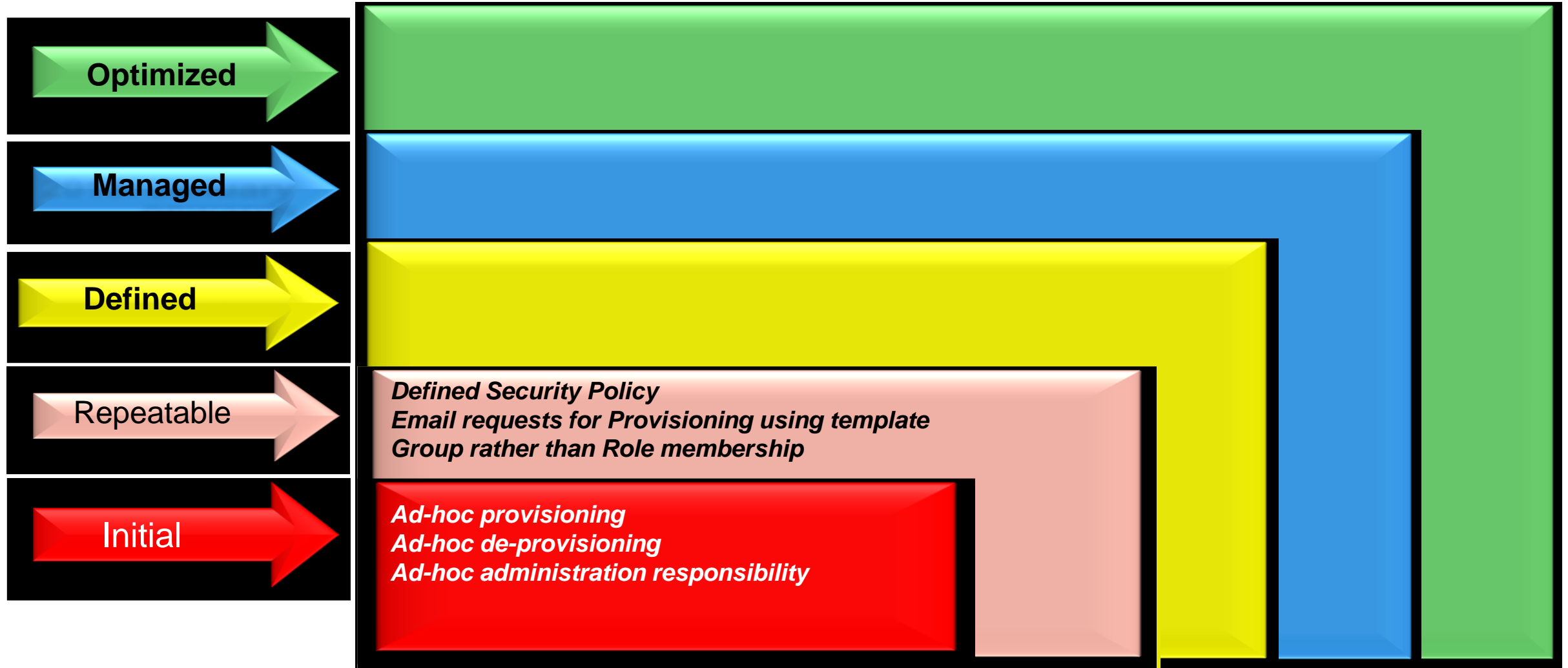
IAM Maturity process



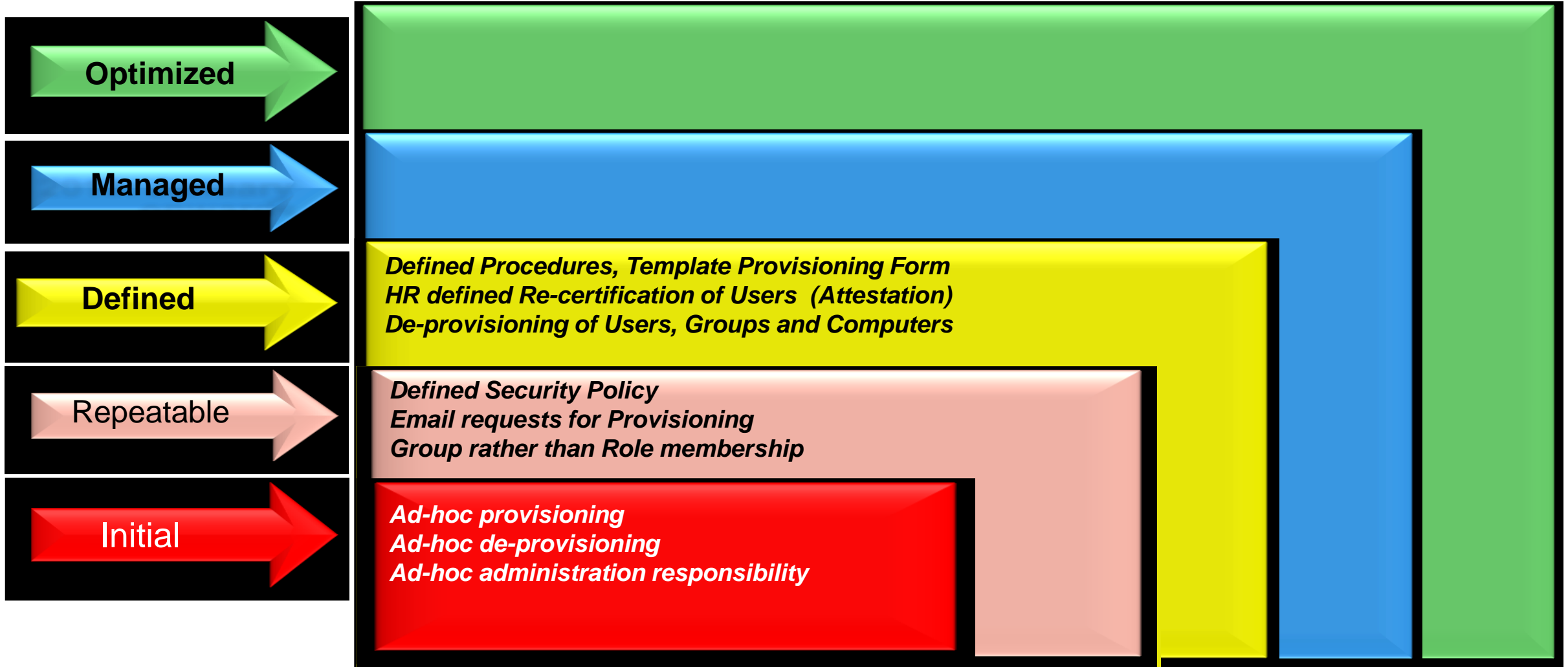
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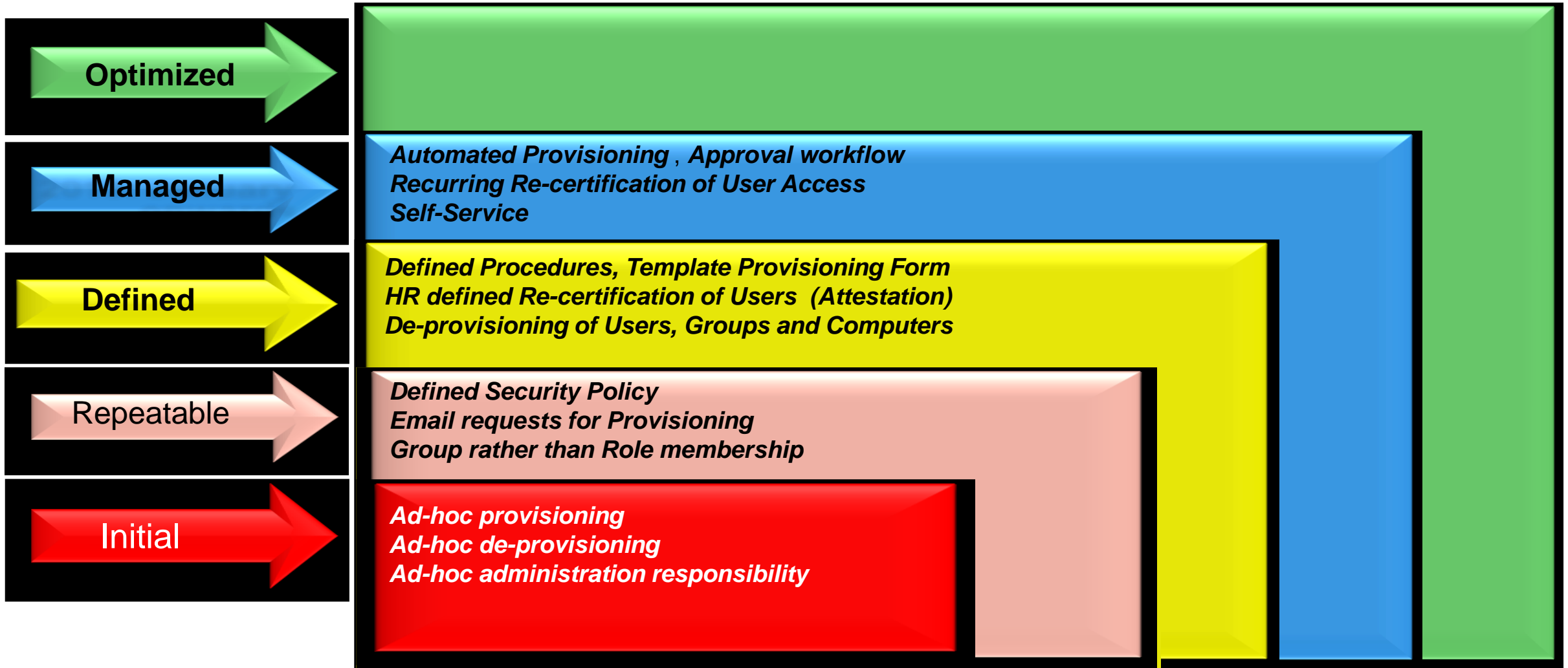
IAM Maturity process



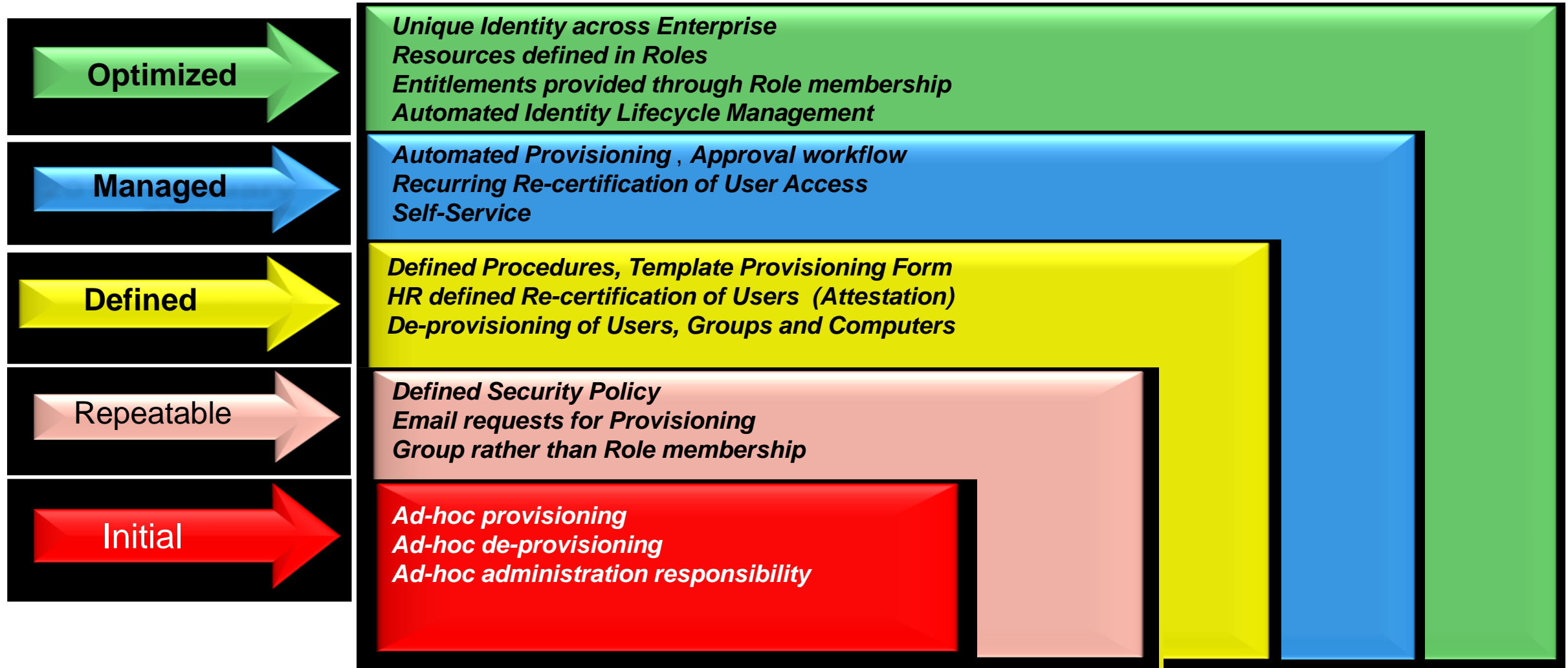
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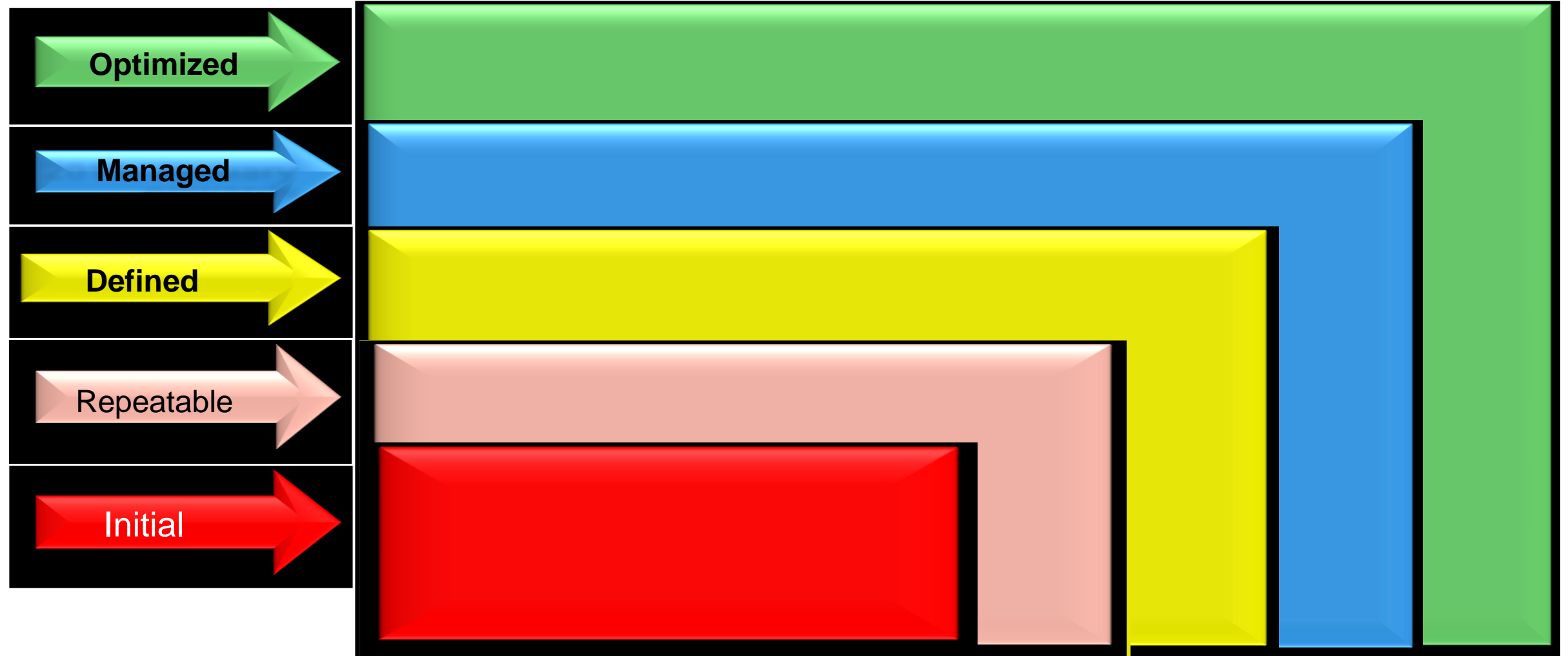


Examples of software mapped to GRC and GDPR

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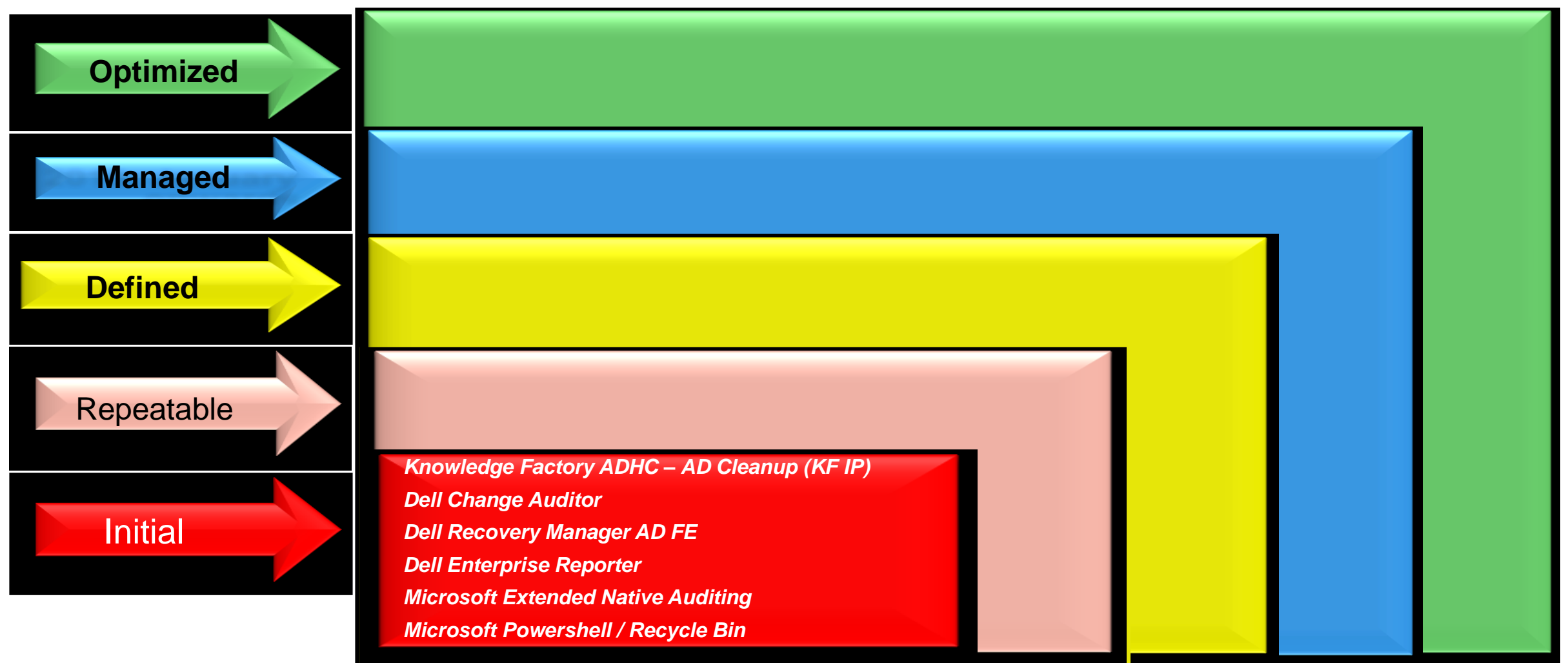
IAM Maturity process

Software mapping



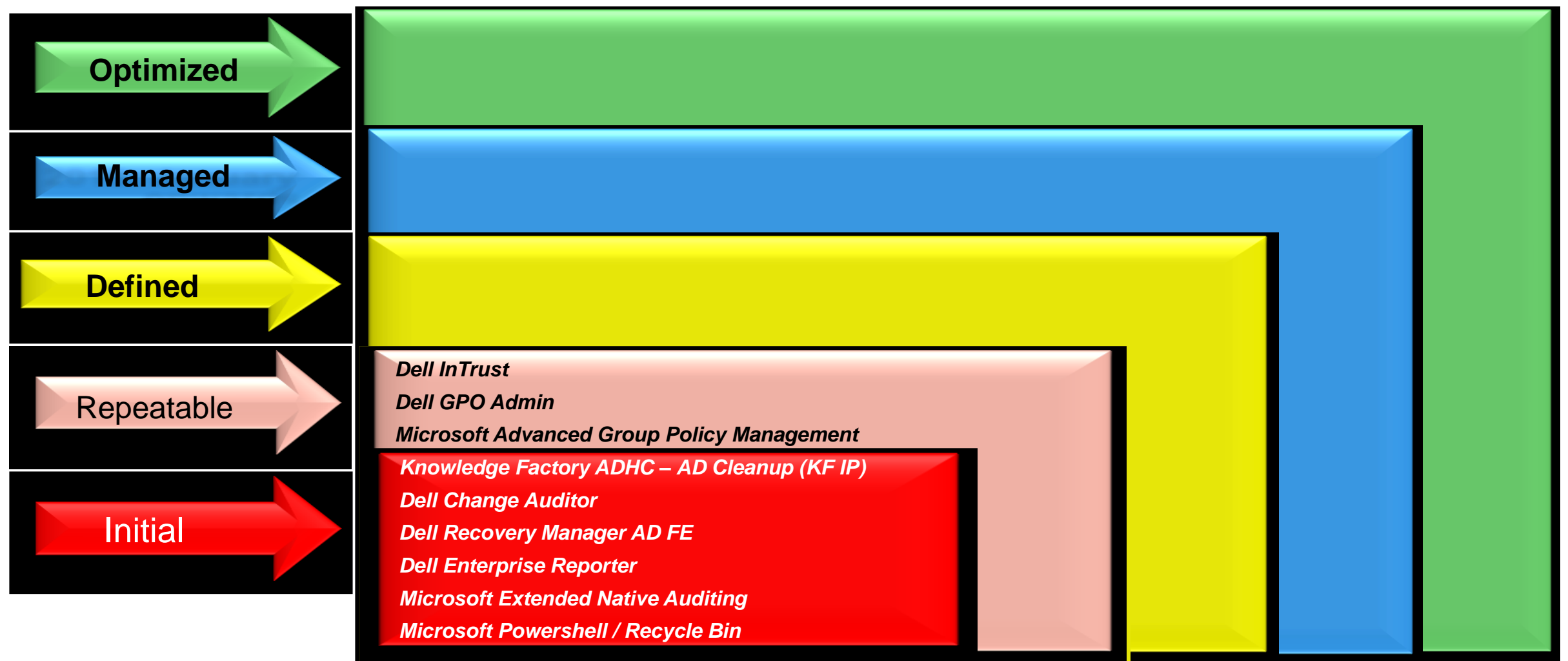
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Software mapping



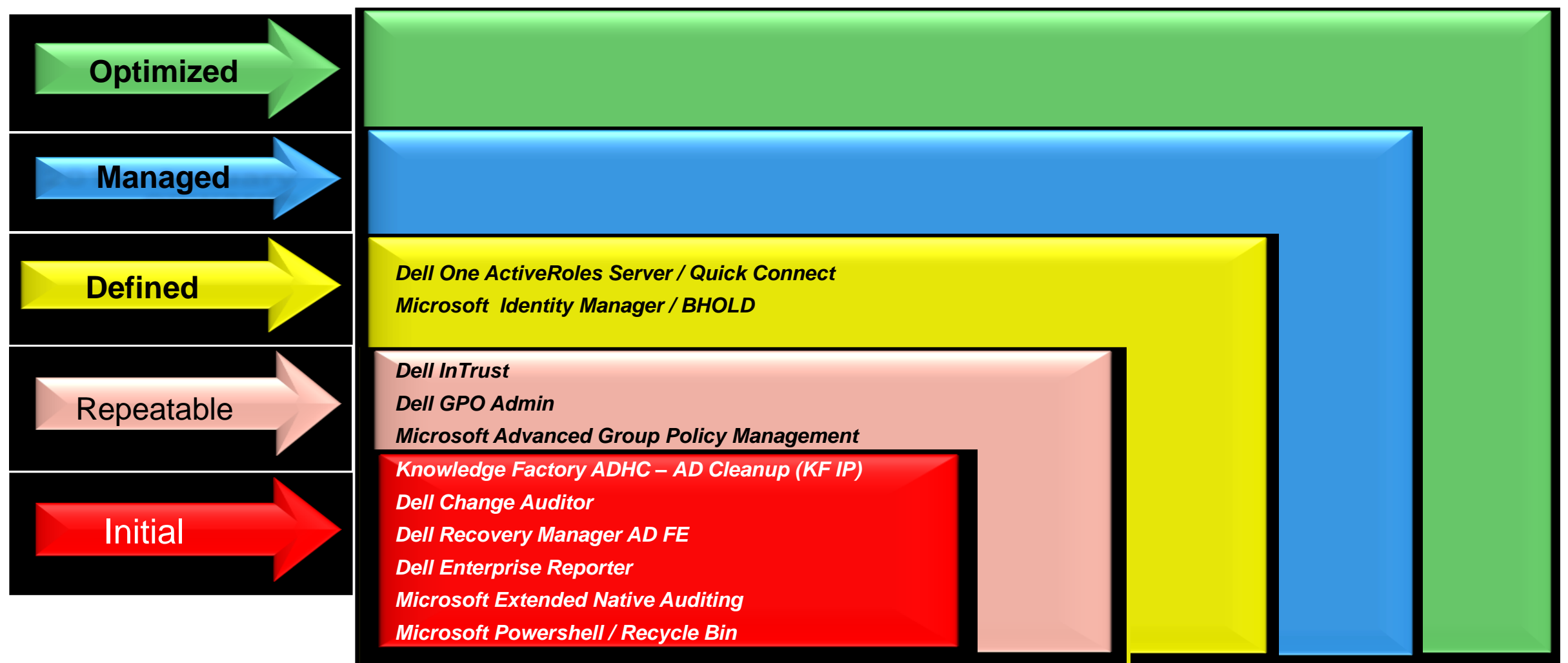
IAM Maturity process

Software mapping



IAM Maturity process

Software mapping



IAM Maturity process

Software mapping

Optimized

Managed

Defined

Repeatable

Initial

Dell One Identity Manager AD Edition / Password Manager
Microsoft Identity Manager / BHOLD

Dell One ActiveRoles Server / Quick Connect
Microsoft Identity Manager / BHOLD

Dell InTrust
Dell GPO Admin
Microsoft Advanced Group Policy Management

Knowledge Factory ADHC – AD Cleanup (KF IP)
Dell Change Auditor
Dell Recovery Manager AD FE
Dell Enterprise Reporter
Microsoft Extended Native Auditing
Microsoft Powershell / Recycle Bin

IAM Maturity process

Software mapping

Optimized

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Microsoft Identity Manager / BHOLD / PIM / PAM

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Success Factors

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Understanding is key

Project Ownership

Set the bar

Training Knowledge

Follow the stair, step by step

Align vision with reality

Understand requirements Experience

Processes

Support

Software is just part of it

Select the solution suitable for your requirements

Architecture Governance

Var med i vår enkla tävling genom a skanna
QR-koden nedan och svara på tre enkla frågor.

Tävlingen pågår både idag och i morgon, torsdag.

Vinnaren meddelas via e-post nästa vecka.

Tävla och vinn en Apple TV!

Lycka till!



Q&A

See you in the partner area

Thank you for listening!

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